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Tabulations of VHF Propagation Data Obtained Over Irregular Terrain at 20, 50, and 100 MHz

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MAY 1967

Boulder, Colorado

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TABULATIONS OF VHF PROPAGATION DATA OBTAINED
OVER IRREGULAR TERRAIN AT 20, 50, AND 100 MHz

by

M. E. Johnson, M. J. Miles, P. L. McQuate, and A. P. Barsis

This report contains tabulations of transmission loss data resulting from propagation experiments at 20, 50, and 100 MHz conducted over irregular terrain in the Colorado high plains east of the Continental Divide.

Part I: COLORADO PLAINS DATA

1. Introduction

The purpose of this report is to present tabulations of transmission loss data resulting from a propagation experiment over arbitrary terrain in the 20- to 100-MHz range. Although analysis results have already been described in several unpublished reports and in papers by Miles and Barsis (1966) and Barsis and Miles (1967), it seems appropriate to present a complete compilation of all data obtained in this program together with other pertinent information. In this way, additional analyses for specific purposes will be facilitated.

Due to the large amount of data which were collected during the measurement program, this report is in three parts. Each part contains data for one of three terrain types over which the measurements were performed, as follows:

Part I: Colorado Plains

Part II: Colorado Mountains

Part III: N. E. Ohio Hills

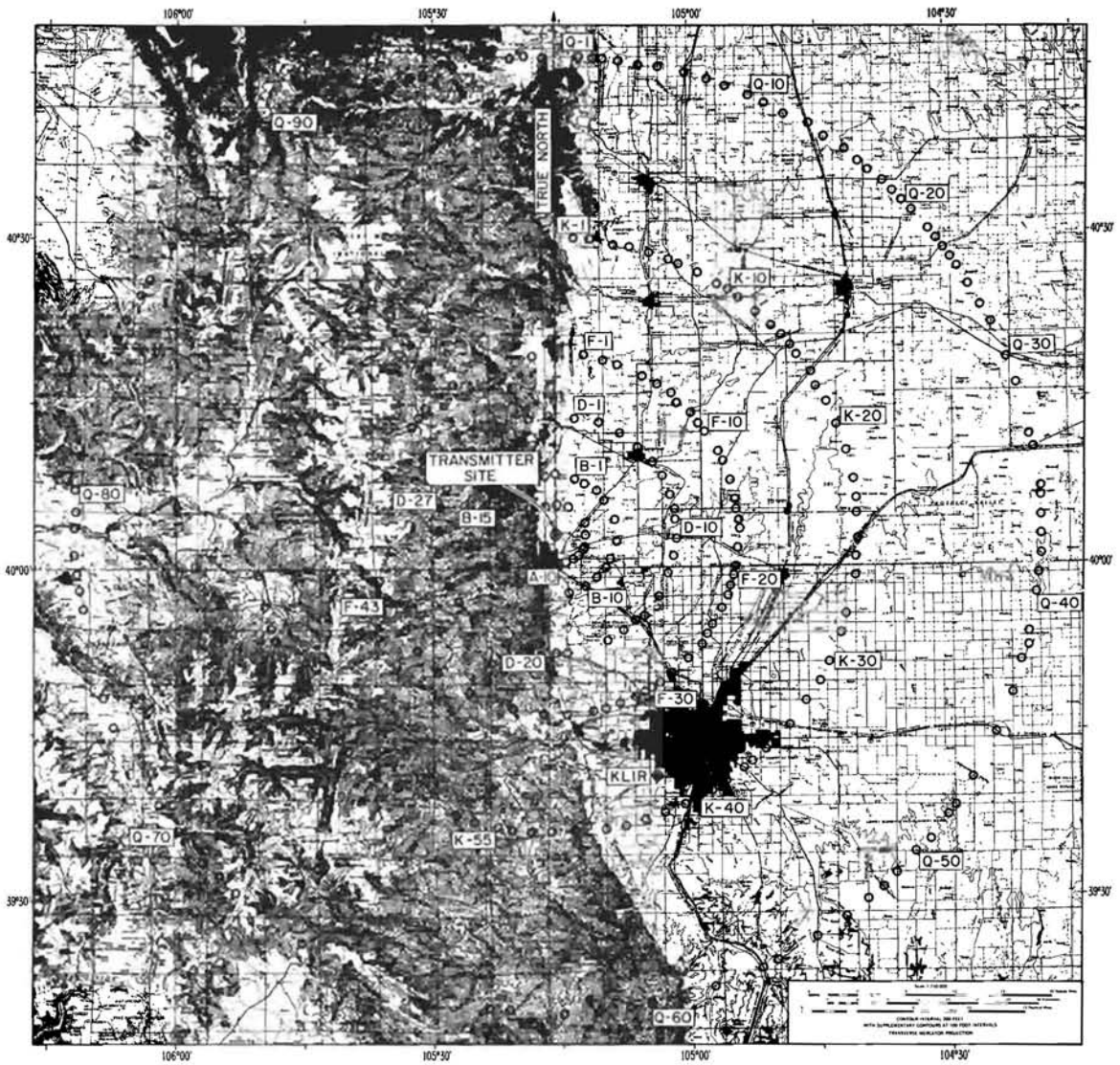
The data in each part are in the form of tables of received carrier level, basic transmission loss, and attenuation relative to free space for various path distances, frequencies, antenna heights, and combinations of transmitting and receiving antenna polarizations. For each propagation path, terrain profiles, photographs, and meteorological information are also shown. The reports also present information on antenna gain and patterns, line losses, and receiver calibration.

The measurement program which resulted in the data described here was undertaken through the sponsorship of the U. S. Army Electronics Command as part of a study of propagation characteristics under conditions resembling the operation of an army in the field. It was intended to simulate net-type vehicular operations at frequencies up to 100 MHz, with antenna heights restricted to less than 10 m above ground. The measurements were performed in Colorado by personnel of the Institute of Telecommunication Sciences and Aeronomy of the Environmental Science Services Administration (formerly the Central Radio Propagation Laboratory of the National Bureau of Standards), and in northeastern Ohio by Smith Electronics, Inc., under contract to NBS (CST-7422, dated April 10, 1963).

2. Measurement Program and Equipment

The tabulated data were largely obtained in 1963 and 1964; some additional data were obtained up to June 1965. For the measurements in Colorado, a transmitter site northeast of Boulder was used. Figure 1 is a map of the area showing all the measurement locations which were arranged in concentric circles around the transmitter site. Since the transmitter site is close to the plains-mountains boundary line, a portion of the receiving locations was located in the mountains, and the remainder in the relatively open eastern plains. Only vertically polarized transmissions were used for 20.084 and 49.72 MHz, whereas both vertically and horizontally polarized transmissions were used for 101.5 MHz. All transmissions from the test site northeast of Boulder were continuous wave. Additional measurements were also obtained by using the horizontally polarized signals from a commercial frequency-modulation station (KLIR-FM) located in southwest Denver, and operating on 100.3 MHz. In this way results obtained with low, and with relatively high transmitting antennas can be compared.

The data obtained in northeastern Ohio are based on the use of six different transmitter sites; this phase of the experiment will be described in Part III of this report. Frequencies of 19.97, 49.72, and 101.8 MHz were used there.



LAYOUT OF MEASUREMENT POINTS IN COLORADO

Figure 1

Descriptive antenna parameters for the Colorado data are shown in table 1. Receiving sites were selected at 5, 10, 20, 30, 50, and 80 km from the test transmitter location; several additional sites were at distances less than 5 km. The distance from KLIR-FM to the receiving sites varies from 6 to 123 km.

TABLE 1

Descriptive Antenna Parameters

Frequency, MHz	Colorado Test Transmissions Transmitting Antennas	Receiving Antennas
20.084	quarter-wave vertical, 3.3 m above ground	2-m spring-mounted vertical whip, 1.3 m above ground
49.72	quarter-wave vertical, 4 m above ground	quarter-wave spring- mounted vertical whips, 0.55 and 1.7 m above ground
101.5	quarter-wave vertical monopole horizontal loop, or 5-element Yagi, 3.15 m above ground	quarter-wave vertical monopole, and hori- zontal loop, 3, 6, or 9 m above ground

Note that for the vertically polarized antennas the height of the antenna above ground is to the feed point or to the equivalent ground plane.

KLIR-FM uses a horizontally polarized circular transmitting antenna on 100.3 MHz with the center of radiation 68.6 m above ground. Both the test transmissions and the KLIR-FM transmissions were received by the same horizontal loop antenna 3, 6, or 9 m above ground.

Further discussion of the methods used to determine antenna pattern and gain values is contained in section 4. Pictures of the measurement vehicles and the antennas appear in figures 2, 3, and 4. The transmitting Yagi antenna used for most of the 100-MHz measurements can be adjusted to positions for either horizontally or vertically polarized radiation.

The Colorado transmitting site and a close-up of the transmitting Yagi antenna (on 101.5 MHz) are shown in figures 2 and 3. The antenna (in position for horizontal polarization) is mounted on a box housing the motor which rotates the antenna to the desired position; the box itself rotates on top of the supporting pole in order to provide orientation of the antenna in any desired direction.

Figure 4 shows the 101.5-MHz receiving vehicle in two typical Colorado locations (open plains and on a mountain road in a canyon). The horizontal receiving antenna appears in both pictures.

3. Measurement Procedures

Measurement procedures were designed to simulate completely random choices of sites as well as to simulate siting improvement within limitations similar to those encountered in army field operations. Nominal, or "principal", measurement locations were first selected from a map study without considering terrain details by determining points on



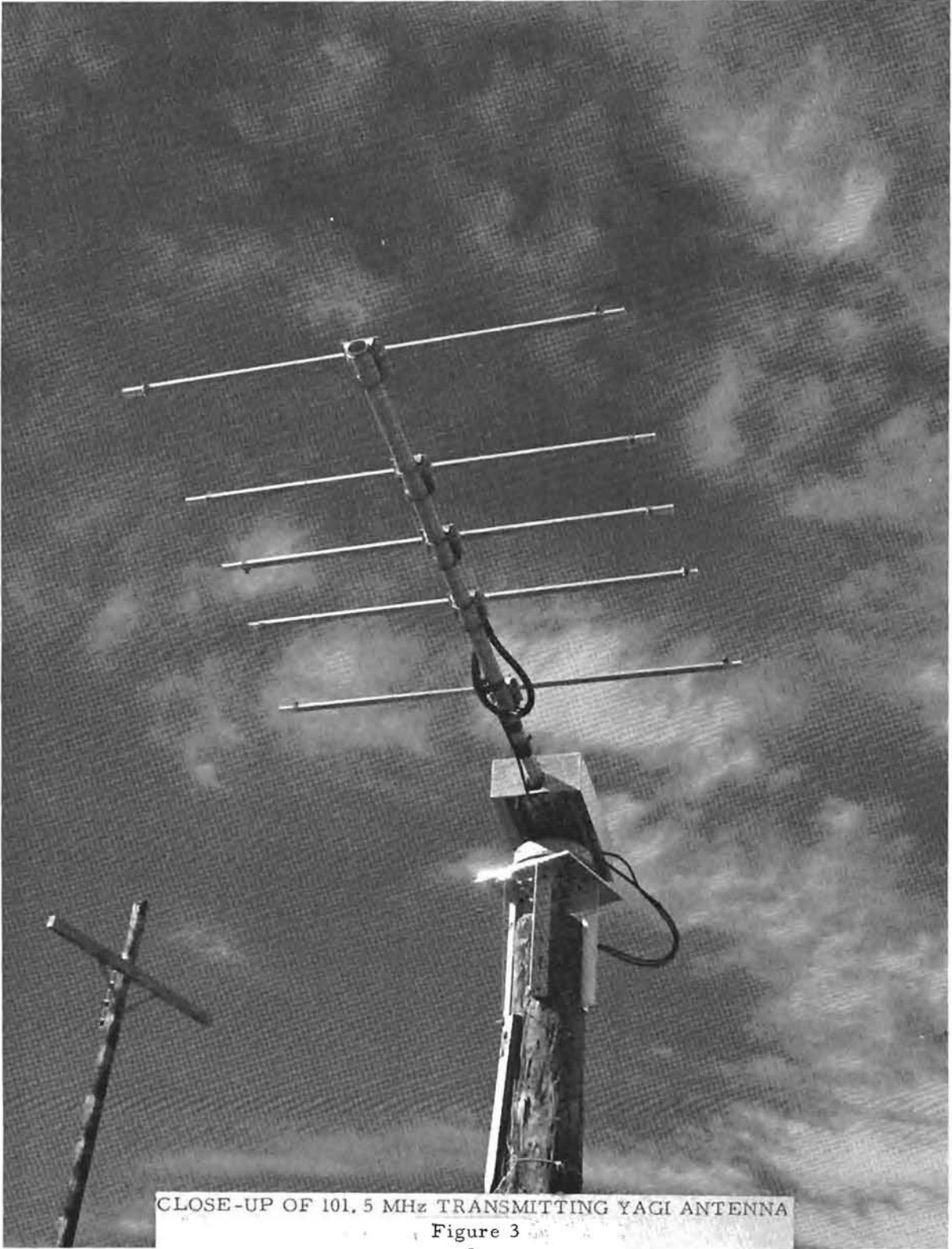
49.72 MHz
Antenna

20,084 MHz
Antenna

101.5 MHz
Yagi Antenna

COLORADO TRANSMITTER SITE

Figure 2



CLOSE-UP OF 101.5 MHz TRANSMITTING YAGI ANTENNA

Figure 3



TYPICAL COLORADO MEASUREMENT LOCATIONS

Figure 4

accessible roads at distances of 5, 10, 20, 30, 50, and 80 km from the test transmitter site. An additional group of points at varying distances less than 5 km from the test transmitter site were also used. In general, adjacent measurement points were separated by at least 1 km from each other. Code designations for the measurement points are indicated in figure 1.

Since short-time variations in the received power levels were less than 1 dB at distances up to and including 50 km, the actual length of the measurement interval for each data point was considered unimportant and seldom exceeded a few seconds. At the 80-km distance, short time variations were generally more pronounced (up to 5 dB); consequently the data points were obtained by averaging received signal power levels over a period of several minutes.

The "improved siting" simulation was accomplished by a search operation for the highest received power level along accessible roads within 100 m of each principal measurement location using the 3-m antenna height first with horizontal and then with vertical polarization. However, this search procedure was not used for locations at the 80-km distance because of the short-time variations in the received power.

The detailed measurement procedure used in Colorado follows:

Measurements were first made using the vehicle equipped for operation at 100 MHz.* The operator had in his possession detailed topographic maps on which all principal locations were clearly marked. On arriving at each location, the operator first made all required field strength measurements on 100 MHz using both horizontal and vertical polarization at the 3-, 6-, and 9-m antenna heights for the test transmissions but using only horizontal polarization for KLIR-FM. Switching from horizontally polarized to vertically polarized transmissions was accomplished on request via a two-way communication link. The transmitting antenna heights remained fixed for all measurements.

After measurements at a principal location were completed, the receiving vehicle was driven slowly over available roads within a 100-m radius of the principal location using the horizontally polarized 100-MHz test transmissions with the 3-m receiving antenna height. Thereby a point could usually be found where the receiving power level was a maximum. At this point, which is designated "alternate horizontal location" (AH in the attached tabulations), a complete additional series of measurements was made as before, but such measurements were omitted if the horizontal search procedure did not yield an alternate location where the received power level was noticeably higher (at least 1 dB) than that at the principal location.

* In this and subsequent discussions, nominal frequency values will be used for brevity.

The same search procedure was then used with vertically polarized signals at 100 MHz with the 3-m antenna height. Thus an "alternate vertical location" (AV) was located and the complete series of measurements was again performed there, unless no location could be found during the search procedure where the received power level was noticeably higher (at least 1 dB) than at the principal location.

When the received 100-MHz power levels for the 3-m antenna height at one or both of the alternate locations (AH or AV) were not materially different from the values obtained at the principal location, no additional set of measurements was made at that alternate site, and the results obtained from the principal location were used to characterize one or both alternate locations.

It already has been noted that the search procedure described above was not used for sites on the 80-km circle, because of the time variations which became noticeable at this distance. Consequently, data for alternate locations were not obtained at the 80-km distance.

At a later date the measurement vehicle equipped for 20- and 50-MHz operation was driven to exactly the same principal and alternate locations used at 100 MHz, and the required measurements were then performed. Only vertical polarization was used with the 3-m nominal antenna height at 20 MHz and with 1- and 3-m nominal antenna heights at 50 MHz.

The designations "alternate horizontal" and "alternate vertical" refer only to the polarization used during the search procedure for locations so designated. Once the alternate horizontal and the alternate vertical locations were established, the measurement series performed at each of the two alternate locations included both polarizations on 100 MHz and all antenna heights. In this way, transmission loss values can be compared not only for the condition of polarization and antenna height under which the search was made, but also additional data are available for a study of the effect of the bias introduced by the search procedure on other possible operating conditions. The data, as an example, will show whether an optimum location within a given small area for horizontal operation with 3-m receiving antenna height at 100 MHz is also likely to be an optimum location for different antenna heights, or for vertical polarization, or for a different frequency.

The decibel difference in the basic transmission loss values recorded for the same frequency, polarization, and receiving antenna height at the principal and at one of the alternate locations is defined as "location gain". In terms of receiving signal power level it must always be a positive quantity for 100 MHz at the 3-m receiving antenna height by definition of the search procedure. However, when antenna patterns are taken into account in the conversion of the raw data to basic transmission loss, negative values of location gain may occasionally be

obtained due to changes in antenna orientation between the principal and the alternate locations (Barsis and Miles, 1967).

4. Pattern and Gain Measurements on Transmitting and Receiving Antennas

Measurements of antenna gains and patterns at the frequencies used in this program proved difficult, especially at 20 and 50 MHz. Here the antennas cannot be considered to be in free space; the influence of the vehicles and of other mounts, of the ground, and of the surroundings are of extreme importance but cannot be readily evaluated. Since the wide range of observed field strength values is a result of the terrain along the path and around the terminals, it cannot be determined accurately how much of these field strength variations can be directly ascribed to effects of the antenna environment on the characteristics of the antenna itself.

One reasonable approach of obtaining antenna performance characteristics is to measure gain and pattern data in a controlled environment such as a test range. Using these data in the conversion from measured received power levels to basic transmission loss, all variations in the antenna characteristics are lumped into the effects of the entire path. Another alternative would be to make detailed antenna measurements at every measuring point; this is obviously impractical, and probably not even theoretically justified.

Test range measurements by comparison with standard dipoles could be accomplished relatively simply with the 100-MHz antennas. In these measurements, the complete vehicular installation was used, so that the results reflect the influence of the vehicle, and may be considered to be quite reliable except possibly for cross-polarization.

Antenna gain values obtained in this way were plotted in terms of gains in decibels relative to an isotropic radiator versus azimuth. The azimuth was measured from the front of the measuring vehicle in a clockwise direction. Since the orientation of the vehicle is known for each measurement point, the correct gain value may be readily determined. The 100-MHz Yagi transmitting antennas were always oriented with their maximum toward the receiving point so that their gain is a constant for all measurements, and their horizontal antenna patterns need not be considered in this study.

For the 20- and 50-MHz antennas, pattern measurements of the receiving antennas were performed similarly several times at two different locations, using a remote target transmitting antenna. The rms deviations of three patterns obtained for the same antenna were all less than 1 dB.

Gain measurements at 20 and 50 MHz were partially obtained by comparison with values derived from calibrated field strength meters, and by the "proof-of-performance" method. The latter method,

commonly used for measuring the effective field of standard broadcast transmitting antennas (550 to 1600 kHz), consists in measuring field strength along one or more radials at various distances from the transmitting antenna, and matching the values obtained against standard curves previously calculated as a function of frequency and ground constants. In this way, the unattenuated field and the effective radiated power can be estimated.

This method is well suited to frequencies in the standard broadcast band, where the space wave can be neglected, antennas are on the ground, and propagation is entirely by the surface wave mechanism. However, the 20- and 50-MHz measurement program is different not only in frequency, but also in the height and arrangement of the antennas. The antennas are not on the ground and do not have an extensive ground system simulating a perfectly conducting plane surface. Furthermore, at 50 MHz several distinct receiving antenna heights had to be considered, and one of the field strength meters used in the tests was not designed to be operated close to the ground at an elevation comparable to that of the lower bumper-mounted receiving antenna.

One must conclude therefore that the 20- and 50-MHz antenna gain measurements can only be considered accurate within plus or minus 3 dB; thus, all basic transmission loss values at 20 and 50 MHz given in the main body of this report may be in error by this amount.

HORIZONTAL PATTERNS FOR COLORADO
 TRANSMITTING ANTENNAS
 RELATIVE VOLTAGE (RMS VALUE = 1)

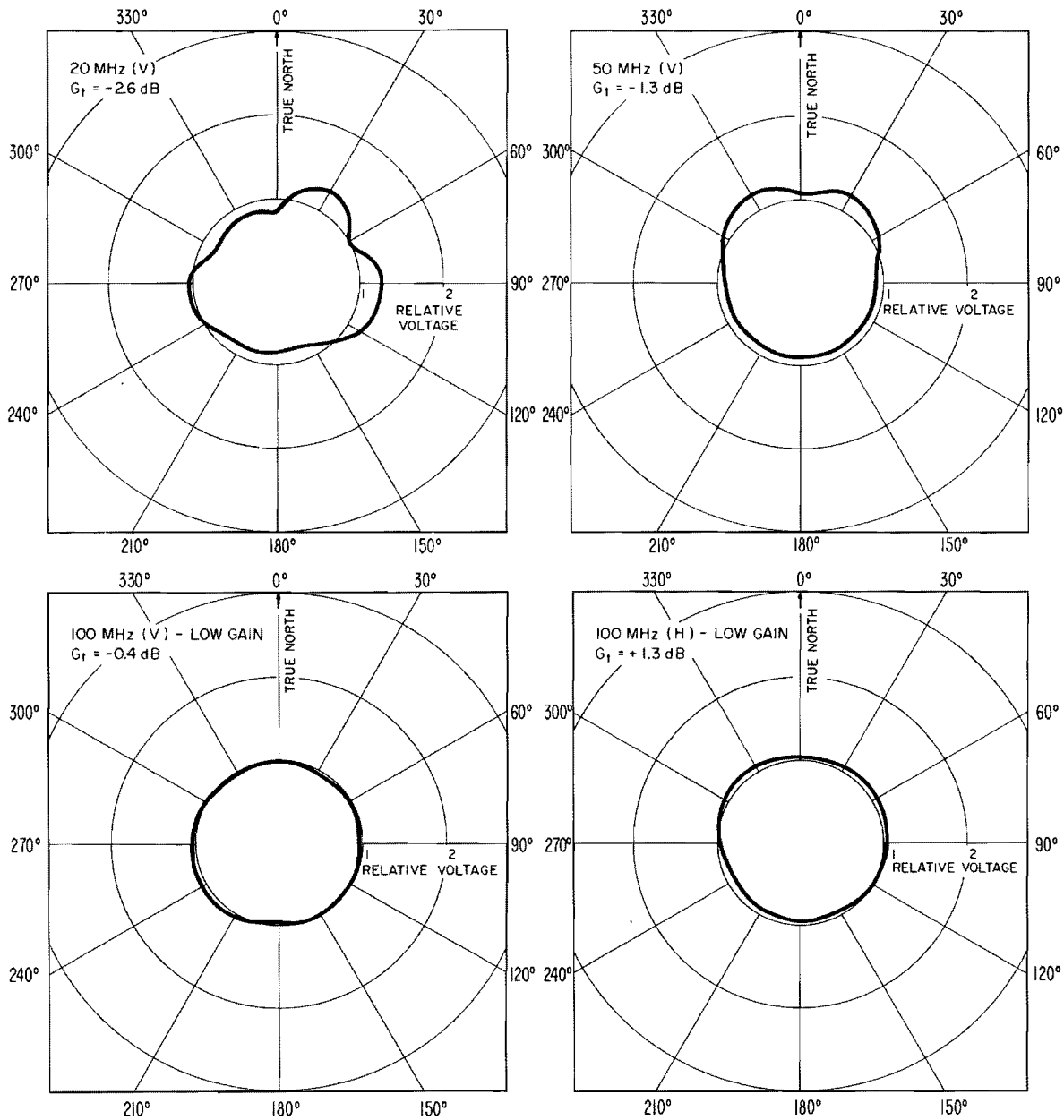


Figure 5

HORIZONTAL PATTERNS FOR COLORADO
RECEIVING ANTENNAS
RELATIVE VOLTAGE (RMS VALUE = 1)

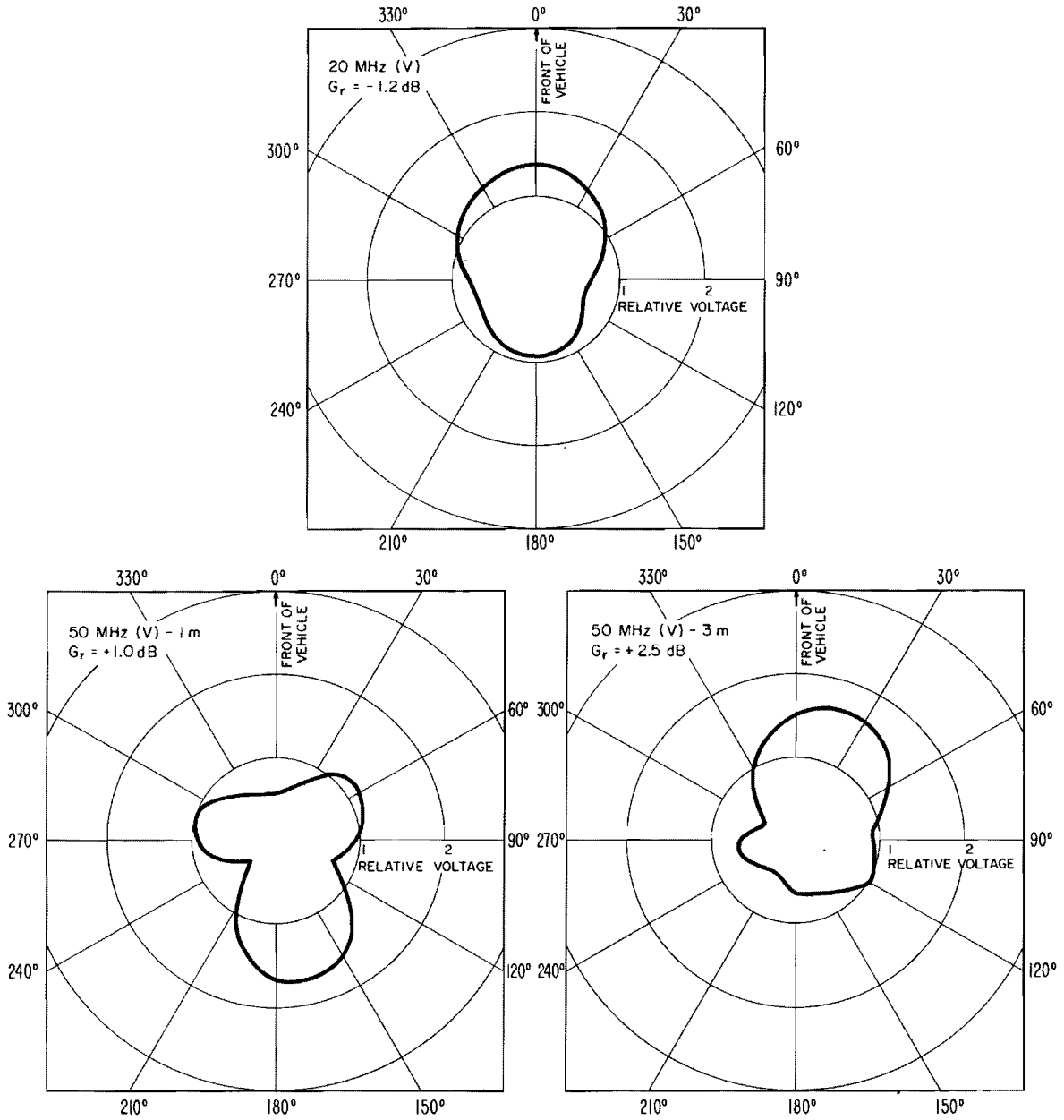


Figure 6

HORIZONTAL PATTERNS FOR COLORADO 100 MHz
RECEIVING ANTENNAS
RELATIVE VOLTAGE (RMS VALUE = 1)

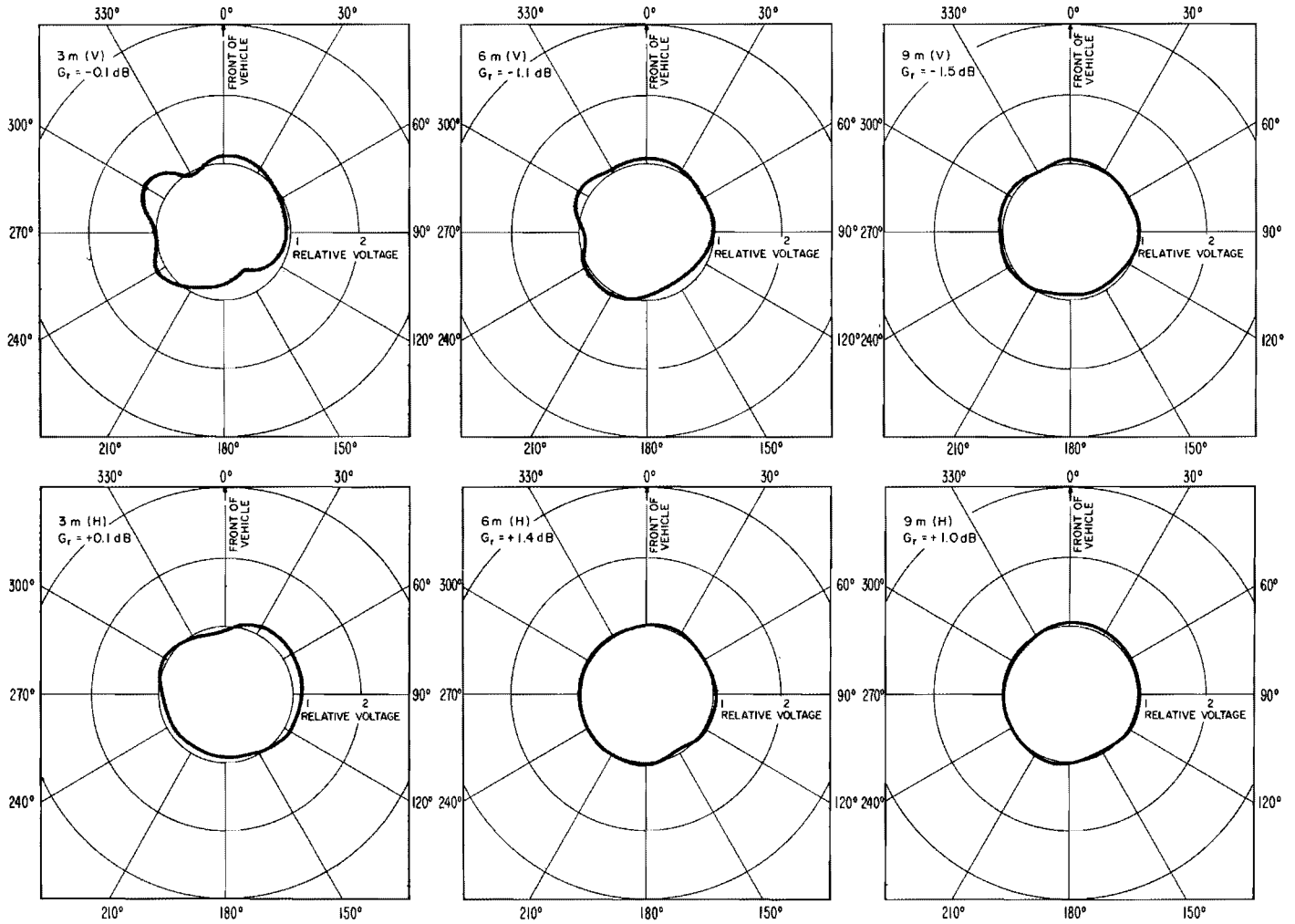


Figure 7

This is especially reflected in the apparent height gain relations at 50 MHz between the low (nominally 1 m) and the high (nominally 2 or 3 m) receiving antennas.

Table 2 shows the best estimates of rms antenna gain values for all antennas used in the measurement program. The horizontal patterns for the antennas used are shown in figures 5 through 7 in terms of voltage relative to unity rms values.

TABLE 2

Tabulation of Root-Mean-Square Antenna Gain Values
in Decibels Relative to Isotropic Radiator

<u>Transmitting Antennas</u>	<u>RMS Antenna Gain, dB</u>
20 MHz V	- 2.6
50 MHz V	- 1.3
100 MHz (low gain) V*	- 0.4
100 MHz (low gain) H*	+ 1.3
100 MHz (Yagi) V	+ 7.6
100 MHz (Yagi) H	+ 9.6

* Used only for 44 measurement points at 20 and 30 km in Colorado.

Table 2 (Continued)

<u>Receiving Antennas</u>	<u>RMS Antenna Gain, dB</u>
20 MHz V	- 1.2
Low 50 MHz V (1 m)	+ 1.0
High 50 MHz V (3 m)	+ 2.5
100 MHz - 3 m V	- 0.1
100 MHz - 6 m V	- 1.1
100 MHz - 9 m V	- 1.5
100 MHz - 3 m H	+ 0.1
100 MHz - 6 m H	+ 1.4
100 MHz - 9 m H	+ 1.0

Note that the rms values shown in table 2 were not used in the actual conversions of received power levels to basic transmission loss; the conversions were based entirely on gain values read off the plotted antenna patterns. The rms values, however, give some indication of the efficiency of the antennas used. The influence of the measurement vehicles is especially apparent in the comparison of the values for 100 MHz at the three antenna heights.

Pattern and gain values for the 100-MHz receiving antennas for cross-polarization are not shown. Measurements on the antenna range

yielded values between -10 and -15 dB relative to an isotropic radiator. However, the data tabulations in section 8 show somewhat unrealistic results when these values are used for conversion of the measurement results to basic transmission loss. (This will be discussed in section 5.)

5. Presentation of Data

Section 8 of this part of the report contains measurement data for the Colorado plains, i. e., for those sites which are located in relatively open country (usually designated "high plains"), east of the Front Range of the Rocky Mountains in Colorado.

The data are arranged by receiving sites, and two pages are used for each site. The first page for each site contains data for 20 and 50 MHz (except for the 80-km sites where only 100-MHz measurements were made), a photograph taken from the principal location in the direction toward the test transmitter site, and a path profile plotted on the basis of an effective earth radius of 8330 km, corresponding to a surface refractivity value $N_s = 290$. The photograph was usually taken at the time the measurements on 100 MHz were made. The second page for each site contains the 100-MHz data, a description of the principal location and surroundings, and a summary of meteorological data taken at the time the 100-MHz measurements were made. Note that different receiving vehicles were used for the measurements at 100, and at 20

and 50 MHz, and that these measurements were generally made at different times of the year.

The data presented here are in computer printout format; the path profiles were also obtained from the use of a computer program and an automatic plotter. Distances (in kilometers) to the test transmitter site are shown in the headings and are designated by "B". Each line of the printout represents a different combination of frequency, antenna height, polarization, and location (principal or alternates). The various columns are designated and explained as follows:

Column 1, location designation (in parenthesis)

- T terrain type, PLNS, for Colorado plains, test transmissions. Data from KLIR-FM are designated by "KLIR" instead of "PLNS", but all data shown in this part of the report are "plains" data.
- B distance from test transmitter site in kilometers
- F nominal carrier frequency in MHz
- P(T) ... polarization of transmitted signal (vertical, V, or horizontal, H)
- P(R) polarization of receiving antenna (vertical, V, or horizontal, H)
- L location (principal, P, alternate vertical, AV, or alternate horizontal, AH)

H nominal receiving antenna height above ground. Note that for 50 MHz, H = 1 denotes the lower antenna mounted on the vehicle bumper, and H = 3 the higher antenna mounted on the vehicle roof. Exact values of antenna height are given in table 1 (see section 3 of this part).

Column 2, transmitter power

W(T) transmitter output power in dBW for test transmitter. For KLIR-FM, W(T) is the effective radiated power in dBW.

Column 3, received carrier level

W(R) received carrier level in dBW. The values shown here have not been corrected for signal generator calibration bias (see below).

Column 4, transmitting antenna gain

G(T) transmitting antenna gain in the direction to the receiving site in dB relative to an isotropic radiator. No values are shown for KLIR-FM, as the transmitting antenna gain is part of the effective radiated power value.

Column 5, receiving antenna gain

G(R) receiving antenna gain in dB relative to an isotropic radiator in the direction to the transmitting source (test transmitter or KLIR-FM).

Column 6, transmitter line loss

L(T) line and circulator losses between transmitter and transmitting antenna input. No values are shown for KLIR-FM, as they are part of the effective radiated power.

Column 7, receiver line loss

L(R) line and circulator losses between the receiving antenna terminal and the receiver input

Column 8, basic transmission loss

L(B) basic transmission loss, in dB, obtained from the data in preceding column by the following formula:

$$L(B) = W(T) + G(T) + G(R) - L(T) - L(R) - W(R) + S(G) .$$

All terms are in decibels. S(G) is a correction for signal generator calibration bias, which was equal to zero for the 20- and 50-MHz data. For 100 MHz, S(G) = 0.6 dB for the earlier data at the 20 and 30 km distances when the low-gain transmitting antennas were used. For all other data, S(G) = 6.1 dB.

Column 9, attenuation below free space

A attenuation below free space in dB, obtained from basic transmission loss by subtracting the free space loss L_{bf} :

$$L_{bf} = 20 \log_{10} F + 20 \log_{10} B + 32.45 ,$$

where F is the frequency in MHz, and B the path distance in km.

In the conversion of received power levels to basic transmission loss, it was assumed that the free-space gain values of the antennas (as estimated from antenna measurements) were realized, and that antenna

circuit losses and multipath coupling losses could be neglected. These assumptions are questionable in the case of the cross-polarization data. Inspection of data tabulations shows in most cases unrealistically low values for basic transmission loss (or attenuation below free space) for the cross-polarization data as compared to co-polarization data. The differences are especially great when vertically polarized signals were received using the horizontally polarized receiving antenna. It is quite likely that the antenna gain values used for cross-polarization are not realistic, since they were determined on an antenna range under relatively ideal conditions and may not resemble the values obtained at the various receiving sites. Also, signal pick-up from transmission lines may have a substantial effect on the apparent received power level under the cross-polarized condition. If any evaluation of cross-polarization data (... H, V ...), or (... V, H ...) is attempted, it should be based on values of the received power level $W(R)$, rather than on the basic transmission loss values $L(B)$ for each site, although such an evaluation would include the effect of the antennas, and would be less generally applicable. Further analysis of the cross-polarization data will be included in a later report.

6. Acknowledgements

Essentially all personnel within the Spectrum Utilization Research Program Area of the Tropospheric Telecommunication Laboratory participated in the collection, analysis, and evaluation of the data. Special recognition should be given to Mrs. M. G. Frank for her work in assembling the data tabulations and profiles. Tabulation of the profile data was accomplished with the assistance of personnel of the Tropospheric Propagation Prediction program area.

7. References

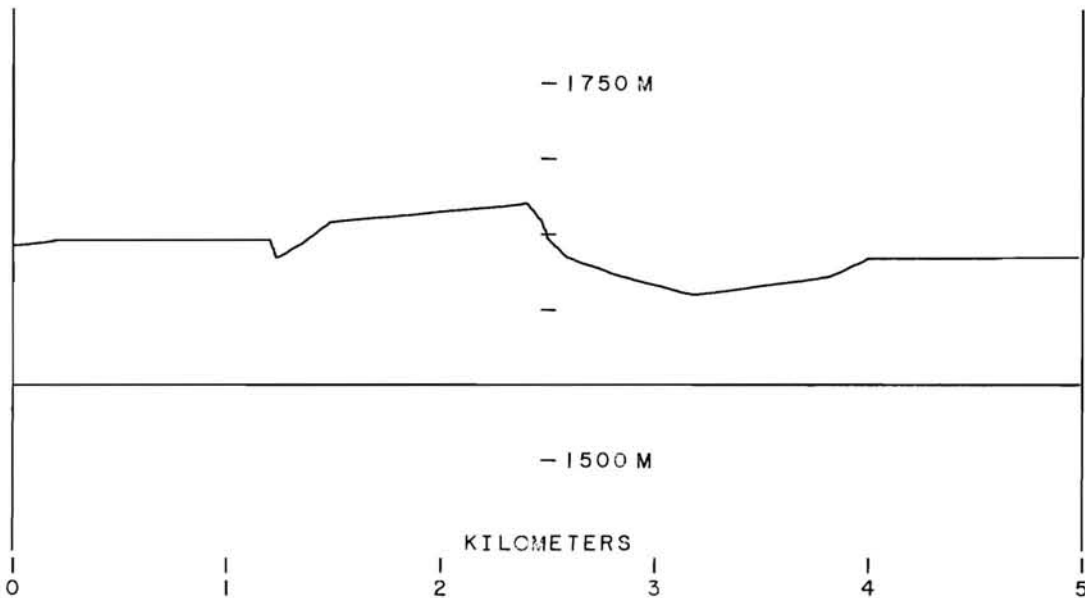
- Barsis, A. P., and M. J. Miles (1967), Height gain, location gain, and correlation in irregular terrain at 20, 50, and 100 MHz.
ESSA Technical Report, IER-35-ITSA-35.
- Miles, M. J., and A. P. Barsis (1966), Summary of 20 - 100 MHz propagation measurement results over irregular terrain using low antenna heights, ESSA Technical Report, IER-10/ITSA -10.

8. Data Tabulations

COLORADO PLAINS B= 5KM SITE 1

DATE 06-05-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5, 20,V,V, P,3)	24.2	-87.5	-4.2	-1.9	0.1	-0.0	105.4	33.0
(PLNS, 5, 20,V,V,AV,3)	24.2	-89.0	-4.2	-1.9	0.1	-0.0	107.0	34.6
(PLNS, 5, 20,V,V,AH,3)	24.2	-87.5	-4.2	-1.9	0.1	-0.0	105.4	33.0
(PLNS, 5, 50,V,V, P,1)	16.8	-111.0	-0.7	5.7	1.2	0.2	131.4	51.0
(PLNS, 5, 50,V,V, P,3)	16.8	-108.1	-0.7	-0.9	1.2	0.2	121.9	41.4
(PLNS, 5, 50,V,V,AV,1)	16.8	-114.0	-0.7	5.7	1.2	0.2	134.4	52.9
(PLNS, 5, 50,V,V,AV,3)	16.8	-114.0	-0.7	-0.9	1.2	0.2	127.8	47.3
(PLNS, 5, 50,V,V,AH,1)	16.8	-111.0	-0.7	5.7	1.2	0.2	131.4	51.0
(PLNS, 5, 50,V,V,AH,3)	16.8	-108.1	-0.7	-0.9	1.2	0.2	121.9	41.4



COLORADO PLAINS B= 5KM SITE 1

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
03-31-64	24.84	CIRROSTRATUS	100%	44.5	59.0

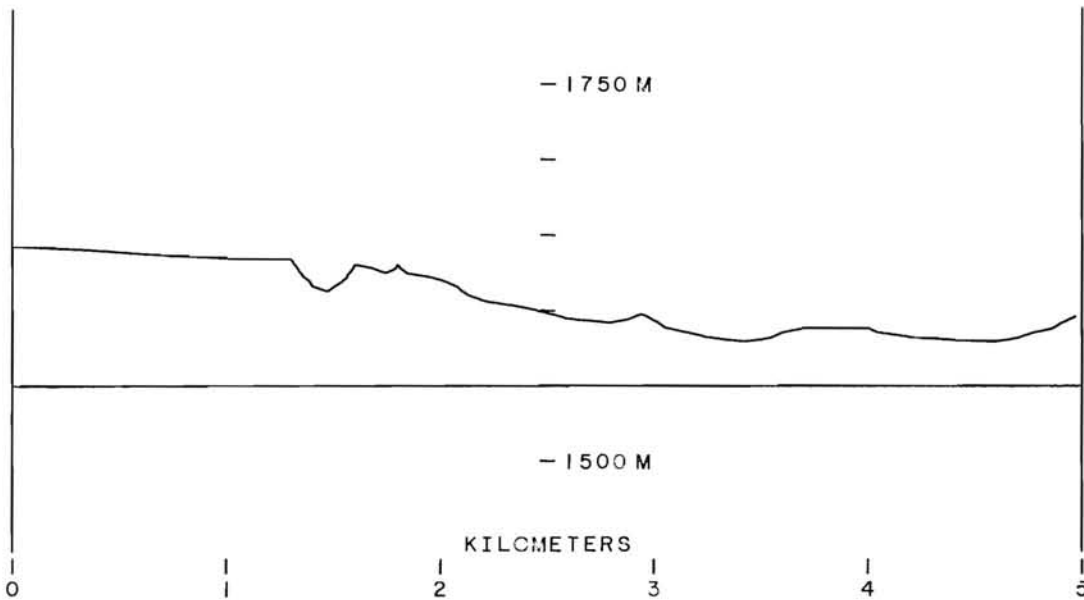
150FT DAM 1000FT WEST. FARMHOUSE AND SCRUBBY 40FT TREES 600FT SOUTH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 5,100,V,V, P,3)	20.0	-97.7	7.6	-2.8	0.9	0.9	126.8	40.3
(PLNS, 5,100,V,V, P,6)	20.0	-94.4	7.6	-2.0	0.9	0.9	124.3	37.8
(PLNS, 5,100,V,V, P,9)	20.0	-94.4	7.6	-2.2	0.9	0.9	124.1	37.6
(PLNS, 5,100,V,V,AV,3)	20.0	-92.8	7.6	-2.8	0.9	0.9	121.9	35.4
(PLNS, 5,100,V,V,AV,6)	20.0	-89.8	7.6	-2.0	0.9	0.9	119.7	33.1
(PLNS, 5,100,V,V,AV,9)	20.0	-89.0	7.6	-2.2	0.9	0.9	118.7	32.2
(PLNS, 5,100,V,V,AH,3)	20.0	-97.7	7.6	-2.8	0.9	0.9	126.8	40.3
(PLNS, 5,100,V,V,AH,6)	20.0	-94.4	7.6	-2.0	0.9	0.9	124.3	37.8
(PLNS, 5,100,V,V,AH,9)	20.0	-94.4	7.6	-2.2	0.9	0.9	124.1	37.6
(PLNS, 5,100,H,V, P,3)	20.0	-115.8	9.6	-19.0	0.9	0.9	130.7	44.2
(PLNS, 5,100,H,V, P,6)	20.0	-115.8	9.6	-18.0	0.9	0.9	131.7	45.2
(PLNS, 5,100,H,V, P,9)	20.0	-112.9	9.6	-18.0	0.9	0.9	128.8	42.3
(PLNS, 5,100,H,V,AV,3)	20.0	-114.9	9.6	-19.0	0.9	0.9	129.8	43.2
(PLNS, 5,100,H,V,AV,6)	20.0	-113.5	9.6	-18.0	0.9	0.9	129.4	42.8
(PLNS, 5,100,H,V,AV,9)	20.0	-112.4	9.6	-18.0	0.9	0.9	128.3	41.8
(PLNS, 5,100,H,V,AH,3)	20.0	-115.8	9.6	-19.0	0.9	0.9	130.7	44.2
(PLNS, 5,100,H,V,AH,6)	20.0	-115.8	9.6	-18.0	0.9	0.9	131.7	45.2
(PLNS, 5,100,H,V,AH,9)	20.0	-112.9	9.6	-18.0	0.9	0.9	128.8	42.3
(PLNS, 5,100,V,H, P,3)	20.0	-108.1	7.6	-19.5	0.9	0.9	120.5	33.9
(PLNS, 5,100,V,H, P,6)	20.0	-103.4	7.6	-15.3	0.9	0.9	120.0	33.4
(PLNS, 5,100,V,H, P,9)	20.0	-100.1	7.6	-15.7	0.9	0.9	116.3	29.8
(PLNS, 5,100,V,H,AV,3)	20.0	-112.9	7.6	-19.5	0.9	0.9	125.3	38.8
(PLNS, 5,100,V,H,AV,6)	20.0	-112.9	7.6	-15.3	0.9	0.9	129.5	43.0
(PLNS, 5,100,V,H,AV,9)	20.0	-104.7	7.6	-15.7	0.9	0.9	120.9	34.4
(PLNS, 5,100,V,H,AH,3)	20.0	-108.1	7.6	-19.5	0.9	0.9	120.5	33.9
(PLNS, 5,100,V,H,AH,6)	20.0	-103.4	7.6	-15.3	0.9	0.9	120.0	33.4
(PLNS, 5,100,V,H,AH,9)	20.0	-100.1	7.6	-15.7	0.9	0.9	116.3	29.8
(PLNS, 5,100,H,H, P,3)	20.0	-99.5	9.6	-0.4	0.9	0.9	133.0	46.5
(PLNS, 5,100,H,H, P,6)	20.0	-93.8	9.6	1.0	0.9	0.9	128.7	42.1
(PLNS, 5,100,H,H, P,9)	20.0	-90.0	9.6	1.5	0.9	0.9	125.4	38.8
(PLNS, 5,100,H,H,AV,3)	20.0	-96.8	9.6	-0.4	0.9	0.9	130.3	43.8
(PLNS, 5,100,H,H,AV,6)	20.0	-90.2	9.6	1.0	0.9	0.9	125.1	38.5
(PLNS, 5,100,H,H,AV,9)	20.0	-87.6	9.6	1.5	0.9	0.9	123.0	36.5
(PLNS, 5,100,H,H,AH,3)	20.0	-99.5	9.6	-0.4	0.9	0.9	133.0	46.5
(PLNS, 5,100,H,H,AH,6)	20.0	-93.8	9.6	1.0	0.9	0.9	128.7	42.1
(PLNS, 5,100,H,H,AH,9)	20.0	-90.0	9.6	1.5	0.9	0.9	125.4	38.8
(KLIR, 48,100,H,H, P,3)	42.2	-105.4		-0.2		0.9	152.6	46.5
(KLIR, 48,100,H,H, P,6)	42.2	-96.2		1.0		0.9	144.6	38.5
(KLIR, 48,100,H,H, P,9)	42.2	-91.2		0.6		0.9	139.2	33.1
(KLIR, 48,100,H,H,AV,3)	42.2	-100.1		-0.5		0.9	147.0	40.9
(KLIR, 48,100,H,H,AV,6)	42.2	-93.2		1.3		0.9	141.9	35.8
(KLIR, 48,100,H,H,AV,9)	42.2	-91.1		1.1		0.9	139.6	33.5
(KLIR, 48,100,H,H,AH,3)	42.2	-105.4		-0.2		0.9	152.6	46.5
(KLIR, 48,100,H,H,AH,6)	42.2	-96.2		1.0		0.9	144.6	38.5
(KLIR, 48,100,H,H,AH,9)	42.2	-91.2		0.6		0.9	139.2	33.1

COLORADO PLAINS B= 5KM SITE 2

DATE 06-05-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5, 20,V,V, P,3)	24.0	-82.2	-0.8	-2.7	0.1	-0.0	102.6	30.1
(PLNS, 5, 20,V,V,AV,3)	24.0	-84.7	-0.8	0.3	0.1	-0.0	108.1	35.7
(PLNS, 5, 20,V,V,AH,3)	24.0	-83.2	-0.8	-2.7	0.1	-0.0	103.6	31.1
(PLNS, 5, 50,V,V, P,1)	16.5	-111.4	0.2	-2.3	1.2	0.2	124.5	44.0
(PLNS, 5, 50,V,V, P,3)	16.5	-111.0	0.2	-3.7	1.2	0.2	122.6	42.2
(PLNS, 5, 50,V,V,AV,1)	16.5	-104.5	0.2	1.1	1.2	0.2	121.0	40.5
(PLNS, 5, 50,V,V,AV,3)	16.5	-107.2	0.2	6.8	1.2	0.2	129.3	48.9
(PLNS, 5, 50,V,V,AH,1)	16.5	-99.7	0.2	-2.3	1.2	0.2	112.8	37.3
(PLNS, 5, 50,V,V,AH,3)	16.5	-100.2	0.2	-3.7	1.2	0.2	111.9	31.4



COLORADO PLAINS R= 5KM SITE 2

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
03-31-64	24.87	CIRROSTRATUS	95%	46.5	68.0

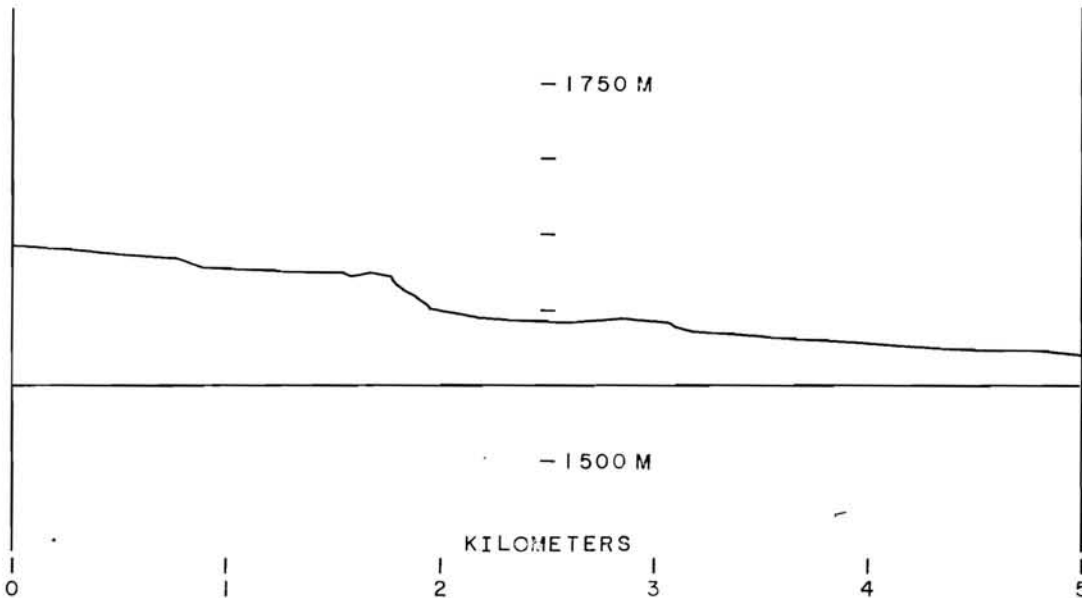
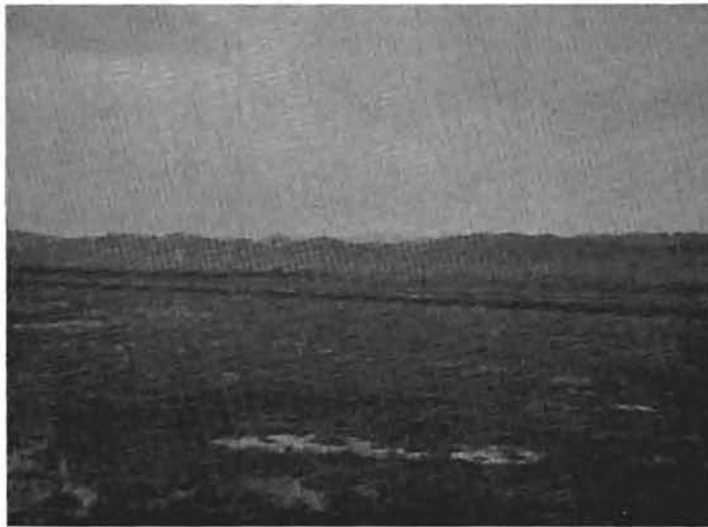
FOUR-LINE POWER LINES 25FT HIGH ALONG WEST (MEASUREMENT) SIDE OF ROAD.
LAKE 500FT AHEAD TO SOUTH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 5,100,V,V, P,3)	20.0	-87.6	7.6	0.9	0.9	0.9	120.4	33.9
(PLNS, 5,100,V,V, P,6)	20.0	-84.5	7.6	-1.0	0.9	0.9	115.4	28.9
(PLNS, 5,100,V,V, P,9)	20.0	-83.0	7.6	-1.5	0.9	0.9	113.4	26.9
(PLNS, 5,100,V,V,AV,3)	20.0	-85.4	7.6	0.9	0.9	0.9	118.2	31.7
(PLNS, 5,100,V,V,AV,6)	20.0	-82.0	7.6	-1.0	0.9	0.9	112.9	26.4
(PLNS, 5,100,V,V,AV,9)	20.0	-77.4	7.6	-1.5	0.9	0.9	107.8	21.3
(PLNS, 5,100,V,V,AH,3)	20.0	-84.0	7.6	0.9	0.9	0.9	116.8	30.3
(PLNS, 5,100,V,V,AH,6)	20.0	-80.3	7.6	-1.0	0.9	0.9	111.2	24.7
(PLNS, 5,100,V,V,AH,9)	20.0	-78.5	7.6	-1.5	0.9	0.9	108.9	22.3
(PLNS, 5,100,H,V, P,3)	20.0	-91.9	9.6	-14.8	0.9	0.9	111.0	24.5
(PLNS, 5,100,H,V, P,6)	20.0	-117.0	9.6	-12.4	0.9	0.9	138.5	52.0
(PLNS, 5,100,H,V, P,9)	20.0	-105.9	9.6	-14.8	0.9	0.9	125.0	38.4
(PLNS, 5,100,H,V,AV,3)	20.0	-101.9	9.6	-14.8	0.9	0.9	121.0	34.5
(PLNS, 5,100,H,V,AV,6)	20.0	-96.2	9.6	-12.4	0.9	0.9	117.7	31.1
(PLNS, 5,100,H,V,AV,9)	20.0	-98.9	9.6	-14.8	0.9	0.9	118.0	31.5
(PLNS, 5,100,H,V,AH,3)	20.0	-87.6	9.6	-14.8	0.9	0.9	106.7	20.2
(PLNS, 5,100,H,V,AH,6)	20.0	-95.6	9.6	-12.4	0.9	0.9	117.1	30.5
(PLNS, 5,100,H,V,AH,9)	20.0	-108.7	9.6	-14.8	0.9	0.9	127.8	41.3
(PLNS, 5,100,V,H, P,3)	20.0	-97.3	7.6	-20.3	0.9	0.9	108.9	22.3
(PLNS, 5,100,V,H, P,6)	20.0	-94.2	7.6	-20.6	0.9	0.9	105.5	19.0
(PLNS, 5,100,V,H, P,9)	20.0	-90.2	7.6	-17.1	0.9	0.9	105.0	18.4
(PLNS, 5,100,V,H,AV,3)	20.0	-95.3	7.6	-20.3	0.9	0.9	106.9	20.3
(PLNS, 5,100,V,H,AV,6)	20.0	-92.7	7.6	-20.6	0.9	0.9	104.0	17.4
(PLNS, 5,100,V,H,AV,9)	20.0	-90.6	7.6	-17.1	0.9	0.9	105.4	18.8
(PLNS, 5,100,V,H,AH,3)	20.0	-94.1	7.6	-20.3	0.9	0.9	105.7	19.1
(PLNS, 5,100,V,H,AH,6)	20.0	-94.7	7.6	-20.6	0.9	0.9	106.0	19.5
(PLNS, 5,100,V,H,AH,9)	20.0	-91.2	7.6	-17.1	0.9	0.9	106.0	19.5
(PLNS, 5,100,H,H, P,3)	20.0	-83.8	9.6	-2.0	0.9	0.9	115.7	29.2
(PLNS, 5,100,H,H, P,6)	20.0	-85.2	9.6	1.1	0.9	0.9	120.2	33.6
(PLNS, 5,100,H,H, P,9)	20.0	-77.7	9.6	1.6	0.9	0.9	113.2	26.7
(PLNS, 5,100,H,H,AV,3)	20.0	-90.6	9.6	-2.0	0.9	0.9	122.5	35.9
(PLNS, 5,100,H,H,AV,6)	20.0	-80.0	9.6	1.1	0.9	0.9	115.0	28.4
(PLNS, 5,100,H,H,AV,9)	20.0	-76.8	9.6	1.6	0.9	0.9	112.3	25.8
(PLNS, 5,100,H,H,AH,3)	20.0	-83.7	9.6	-2.0	0.9	0.9	115.6	29.1
(PLNS, 5,100,H,H,AH,6)	20.0	-85.5	9.6	1.1	0.9	0.9	120.5	34.0
(PLNS, 5,100,H,H,AH,9)	20.0	-78.7	9.6	1.6	0.9	0.9	114.2	27.6
(KLIR, 47,100,H,H, P,3)	42.2	-99.5		-0.5		0.9	146.4	40.5
(KLIR, 47,100,H,H, P,6)	42.2	-93.2		1.2		0.9	141.8	35.9
(KLIR, 47,100,H,H, P,9)	42.2	-87.8		1.0		0.9	136.2	30.2
(KLIR, 47,100,H,H,AV,3)	42.2	-100.2		-0.3		0.9	147.3	41.4
(KLIR, 47,100,H,H,AV,6)	42.2	-93.0		1.3		0.9	141.7	35.8
(KLIR, 47,100,H,H,AV,9)	42.2	-86.1		1.0		0.9	134.5	28.6
(KLIR, 47,100,H,H,AH,3)	42.2	-97.9		-0.5		0.9	144.8	38.9
(KLIR, 47,100,H,H,AH,6)	42.2	-91.0		1.2		0.9	139.6	33.6
(KLIR, 47,100,H,H,AH,9)	42.2	-86.2		1.0		0.9	134.6	28.6

COLORADO PLAINS B= 5KM SITE 3

DATE 06-05-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5, 20,V,V, P,3)	24.0	-79.5	-2.7	-2.0	0.1	-0.0	98.7	26.2
(PLNS, 5, 20,V,V,AV,3)	24.0	-79.5	-2.7	-2.0	0.1	-0.0	98.7	26.2
(PLNS, 5, 20,V,V,AH,3)	24.0	-79.5	-2.7	-2.0	0.1	-0.0	98.7	26.2
(PLNS, 5, 50,V,V, P,1)	16.5	-117.4	-0.6	2.2	1.2	0.2	134.2	53.7
(PLNS, 5, 50,V,V, P,3)	16.5	-109.0	-0.6	4.2	1.2	0.2	127.8	47.3
(PLNS, 5, 50,V,V,AV,1)	16.5	-117.4	-0.6	2.2	1.2	0.2	134.2	53.7
(PLNS, 5, 50,V,V,AV,3)	16.5	-109.0	-0.6	4.2	1.2	0.2	127.8	47.3
(PLNS, 5, 50,V,V,AH,1)	16.5	-117.4	-0.6	2.2	1.2	0.2	134.2	53.7
(PLNS, 5, 50,V,V,AH,3)	16.5	-109.0	-0.6	4.2	1.2	0.2	127.8	47.3



COLORADO PLAINS B= 5KM SITE 3

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
03-30-64	28.60	CIRROSTRATUS	70%	50.5	75.0

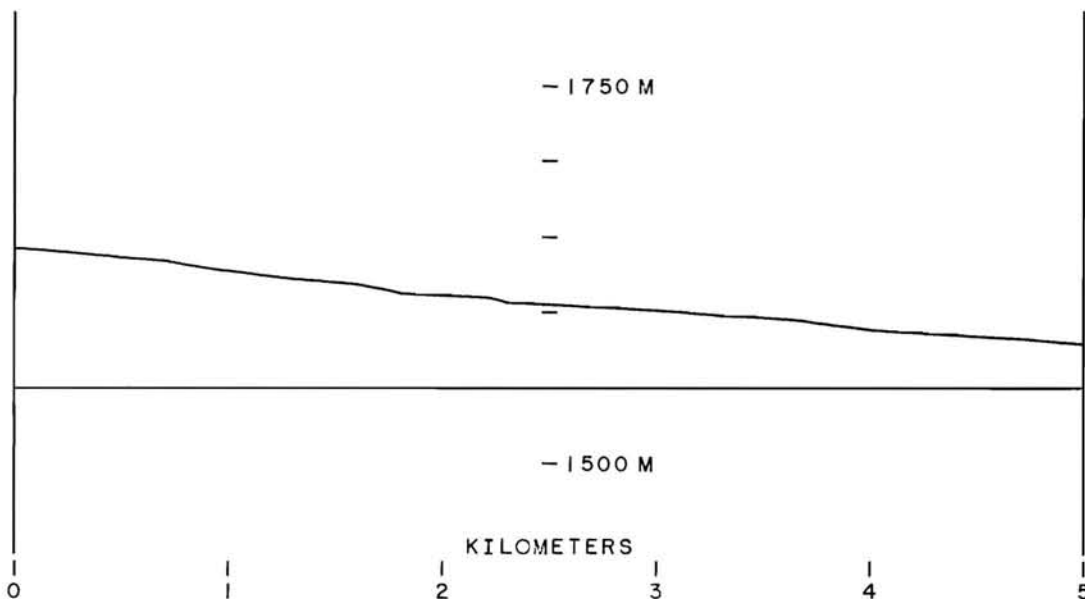
2 POWER LINES AND 2 PHONE LINES ON EAST SIDE OF ROAD.
OPEN LOW GRASS LAND.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5,100,V,V, P,3)	20.0	-100.2	7.6	-0.4	0.9	0.9	131.7	45.2
(PLNS, 5,100,V,V, P,6)	20.0	-96.8	7.6	-1.2	0.9	0.9	127.5	41.0
(PLNS, 5,100,V,V, P,9)	20.0	-95.3	7.6	-1.7	0.9	0.9	125.5	38.9
(PLNS, 5,100,V,V,AV,3)	20.0	-100.2	7.6	-0.4	0.9	0.9	131.7	45.2
(PLNS, 5,100,V,V,AV,6)	20.0	-96.8	7.6	-1.2	0.9	0.9	127.5	41.0
(PLNS, 5,100,V,V,AV,9)	20.0	-95.3	7.6	-1.7	0.9	0.9	125.5	38.9
(PLNS, 5,100,V,V,AH,3)	20.0	-100.2	7.6	-0.4	0.9	0.9	131.7	45.2
(PLNS, 5,100,V,V,AH,6)	20.0	-96.8	7.6	-1.2	0.9	0.9	127.5	41.0
(PLNS, 5,100,V,V,AH,9)	20.0	-95.3	7.6	-1.7	0.9	0.9	125.5	38.9
(PLNS, 5,100,H,V, P,3)	20.0	-113.8	9.6	-21.5	0.9	0.9	126.2	39.6
(PLNS, 5,100,H,V, P,6)	20.0	-111.4	9.6	-15.7	0.9	0.9	129.6	43.1
(PLNS, 5,100,H,V, P,9)	20.0	-106.4	9.6	-20.1	0.9	0.9	120.2	33.6
(PLNS, 5,100,H,V,AV,3)	20.0	-113.8	9.6	-21.5	0.9	0.9	126.2	39.6
(PLNS, 5,100,H,V,AV,6)	20.0	-111.4	9.6	-15.7	0.9	0.9	129.6	43.1
(PLNS, 5,100,H,V,AV,9)	20.0	-106.4	9.6	-20.1	0.9	0.9	120.2	33.6
(PLNS, 5,100,H,V,AH,3)	20.0	-113.8	9.6	-21.5	0.9	0.9	126.2	39.6
(PLNS, 5,100,H,V,AH,6)	20.0	-111.4	9.6	-15.7	0.9	0.9	129.6	43.1
(PLNS, 5,100,H,V,AH,9)	20.0	-106.4	9.6	-20.1	0.9	0.9	120.2	33.6
(PLNS, 5,100,V,H, P,3)	20.0	-98.4	7.6	-15.9	0.9	0.9	114.4	27.9
(PLNS, 5,100,V,H, P,6)	20.0	-96.2	7.6	-15.5	0.9	0.9	112.6	26.0
(PLNS, 5,100,V,H, P,9)	20.0	-92.8	7.6	-15.9	0.9	0.9	108.8	22.2
(PLNS, 5,100,V,H,AV,3)	20.0	-98.4	7.6	-15.9	0.9	0.9	114.4	27.9
(PLNS, 5,100,V,H,AV,6)	20.0	-96.2	7.6	-15.5	0.9	0.9	112.6	26.0
(PLNS, 5,100,V,H,AV,9)	20.0	-92.8	7.6	-15.9	0.9	0.9	108.8	22.2
(PLNS, 5,100,V,H,AH,3)	20.0	-98.4	7.6	-15.9	0.9	0.9	114.4	27.9
(PLNS, 5,100,V,H,AH,6)	20.0	-96.2	7.6	-15.5	0.9	0.9	112.6	26.0
(PLNS, 5,100,V,H,AH,9)	20.0	-92.8	7.6	-15.9	0.9	0.9	108.8	22.2
(PLNS, 5,100,H,H, P,3)	20.0	-89.0	9.6	1.3	0.9	0.9	124.2	37.7
(PLNS, 5,100,H,H, P,6)	20.0	-84.4	9.6	1.3	0.9	0.9	119.6	33.1
(PLNS, 5,100,H,H, P,9)	20.0	-80.1	9.6	1.0	0.9	0.9	115.0	28.5
(PLNS, 5,100,H,H,AV,3)	20.0	-89.0	9.6	1.3	0.9	0.9	124.2	37.7
(PLNS, 5,100,H,H,AV,6)	20.0	-84.4	9.6	1.3	0.9	0.9	119.6	33.1
(PLNS, 5,100,H,H,AV,9)	20.0	-80.1	9.6	1.0	0.9	0.9	115.0	28.5
(PLNS, 5,100,H,H,AH,3)	20.0	-89.0	9.6	1.3	0.9	0.9	124.2	37.7
(PLNS, 5,100,H,H,AH,6)	20.0	-84.4	9.6	1.3	0.9	0.9	119.6	33.1
(PLNS, 5,100,H,H,AH,9)	20.0	-80.1	9.6	1.0	0.9	0.9	115.0	28.5
(KLIR, 44,100,H,H, P,3)	42.2	-100.5		-0.5		0.9	147.4	42.0
(KLIR, 44,100,H,H, P,6)	42.2	-96.6		1.3		0.9	145.3	39.9
(KLIR, 44,100,H,H, P,9)	42.2	-92.3		1.1		0.9	140.8	35.4
(KLIR, 44,100,H,H,AV,3)	42.2	-100.5		-0.5		0.9	147.4	42.0
(KLIR, 44,100,H,H,AV,6)	42.2	-96.6		1.3		0.9	145.3	39.9
(KLIR, 44,100,H,H,AV,9)	42.2	-92.3		1.1		0.9	140.8	35.4
(KLIR, 44,100,H,H,AH,3)	42.2	-100.5		-0.5		0.9	147.4	42.0
(KLIR, 44,100,H,H,AH,6)	42.2	-96.6		1.3		0.9	145.3	39.9
(KLIR, 44,100,H,H,AH,9)	42.2	-92.3		1.1		0.9	140.8	35.4

COLORADO PLAINS B= 5KM SITE 4

DATE 06-05-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5, 20,V,V, P,3)	24.0	-85.0	-0.7	-1.8	0.1	-0.0	106.3	33.9
(PLNS, 5, 20,V,V,AV,3)	24.0	-85.0	-0.7	-1.8	0.1	-0.0	106.3	33.9
(PLNS, 5, 20,V,V,AH,3)	24.0	-85.0	-0.7	-1.8	0.1	-0.0	106.3	33.9
(PLNS, 5, 50,V,V, P,1)	16.5	-117.4	-2.2	5.2	1.2	0.2	135.6	55.1
(PLNS, 5, 50,V,V, P,3)	16.5	-100.5	-2.2	-1.4	1.2	0.2	112.0	31.6
(PLNS, 5, 50,V,V,AV,1)	16.5	-117.4	-2.2	5.2	1.2	0.2	135.6	55.1
(PLNS, 5, 50,V,V,AV,3)	16.5	-100.5	-2.2	-1.4	1.2	0.2	112.0	31.6
(PLNS, 5, 50,V,V,AH,1)	16.5	-117.4	-2.2	5.2	1.2	0.2	135.6	55.1
(PLNS, 5, 50,V,V,AH,3)	16.5	-100.5	-2.2	-1.4	1.2	0.2	112.0	31.6



COLORADO PLAINS B= 5KM SITE 4

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-02-64	24.30	L6	100%	43.5	59.5

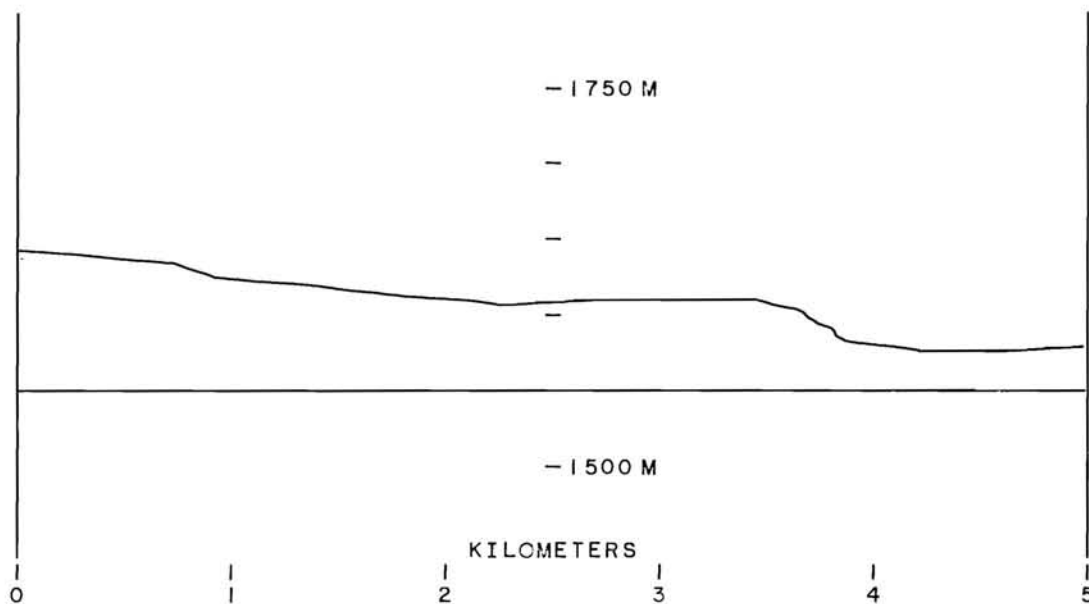
9 TELEPHONE LINES 10FT NORTH OF TRUCK PARALLEL TO ROAD AND 20FT HIGH.
 LINE OF 40FT TREES 1/2 MILE AWAY ON LINE OF SITE TOWARD TRANSMITTER.
 15FT BUSHY TREES ON NORTH FENCE LINE. GENERALLY OPEN FIELDS.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5,100,V,V, P,3)	20.0	-94.1	7.6	-2.3	0.9	0.9	123.7	37.1
(PLNS, 5,100,V,V, P,6)	20.0	-87.6	7.6	-1.8	0.9	0.9	117.7	31.2
(PLNS, 5,100,V,V, P,9)	20.0	-84.5	7.6	-2.2	0.9	0.9	114.2	27.7
(PLNS, 5,100,V,V,AV,3)	20.0	-94.1	7.6	-2.3	0.9	0.9	123.7	37.1
(PLNS, 5,100,V,V,AV,6)	20.0	-87.6	7.6	-1.8	0.9	0.9	117.7	31.2
(PLNS, 5,100,V,V,AV,9)	20.0	-84.5	7.6	-2.2	0.9	0.9	114.2	27.7
(PLNS, 5,100,V,V,AH,3)	20.0	-94.1	7.6	-2.3	0.9	0.9	123.7	37.1
(PLNS, 5,100,V,V,AH,6)	20.0	-87.6	7.6	-1.8	0.9	0.9	117.7	31.2
(PLNS, 5,100,V,V,AH,9)	20.0	-84.5	7.6	-2.2	0.9	0.9	114.2	27.7
(PLNS, 5,100,H,V, P,3)	20.0	-121.2	9.6	-16.9	0.9	0.9	138.2	51.6
(PLNS, 5,100,H,V, P,6)	20.0	-98.7	9.6	-15.8	0.9	0.9	116.8	30.3
(PLNS, 5,100,H,V, P,9)	20.0	-90.0	9.6	-16.5	0.9	0.9	107.4	20.8
(PLNS, 5,100,H,V,AV,3)	20.0	-121.2	9.6	-16.9	0.9	0.9	138.2	51.6
(PLNS, 5,100,H,V,AV,6)	20.0	-98.7	9.6	-15.8	0.9	0.9	116.8	30.3
(PLNS, 5,100,H,V,AV,9)	20.0	-90.0	9.6	-16.5	0.9	0.9	107.4	20.8
(PLNS, 5,100,H,V,AH,3)	20.0	-121.2	9.6	-16.9	0.9	0.9	138.2	51.6
(PLNS, 5,100,H,V,AH,6)	20.0	-98.7	9.6	-15.8	0.9	0.9	116.8	30.3
(PLNS, 5,100,H,V,AH,9)	20.0	-90.0	9.6	-16.5	0.9	0.9	107.4	20.8
(PLNS, 5,100,V,H, P,3)	20.0	-86.4	7.6	-20.7	0.9	0.9	97.6	11.0
(PLNS, 5,100,V,H, P,6)	20.0	-81.6	7.6	-16.2	0.9	0.9	97.3	10.8
(PLNS, 5,100,V,H, P,9)	20.0	-75.4	7.6	-15.7	0.9	0.9	91.6	5.1
(PLNS, 5,100,V,H,AV,3)	20.0	-86.4	7.6	-20.7	0.9	0.9	97.6	11.0
(PLNS, 5,100,V,H,AV,6)	20.0	-81.6	7.6	-16.2	0.9	0.9	97.3	10.8
(PLNS, 5,100,V,H,AV,9)	20.0	-75.4	7.6	-15.7	0.9	0.9	91.6	5.1
(PLNS, 5,100,V,H,AH,3)	20.0	-86.4	7.6	-20.7	0.9	0.9	97.6	11.0
(PLNS, 5,100,V,H,AH,6)	20.0	-81.6	7.6	-16.2	0.9	0.9	97.3	10.8
(PLNS, 5,100,V,H,AH,9)	20.0	-75.4	7.6	-15.7	0.9	0.9	91.6	5.1
(PLNS, 5,100,H,H, P,3)	20.0	-86.1	9.6	-0.7	0.9	0.9	119.3	32.8
(PLNS, 5,100,H,H, P,6)	20.0	-77.0	9.6	1.1	0.9	0.9	112.0	25.5
(PLNS, 5,100,H,H, P,9)	20.0	-74.2	9.6	1.6	0.9	0.9	109.7	23.2
(PLNS, 5,100,H,H,AV,3)	20.0	-86.1	9.6	-0.7	0.9	0.9	119.3	32.8
(PLNS, 5,100,H,H,AV,6)	20.0	-77.0	9.6	1.1	0.9	0.9	112.0	25.5
(PLNS, 5,100,H,H,AV,9)	20.0	-74.2	9.6	1.6	0.9	0.9	109.7	23.2
(PLNS, 5,100,H,H,AH,3)	20.0	-86.1	9.6	-0.7	0.9	0.9	119.3	32.8
(PLNS, 5,100,H,H,AH,6)	20.0	-77.0	9.6	1.1	0.9	0.9	112.0	25.5
(PLNS, 5,100,H,H,AH,9)	20.0	-74.2	9.6	1.6	0.9	0.9	109.7	23.2
(KLIR, 42,100,H,H, P,3)	42.2	-100.1		1.1		0.9	148.6	43.7
(KLIR, 42,100,H,H, P,6)	42.2	-92.4		1.3		0.9	141.1	36.2
(KLIR, 42,100,H,H, P,9)	42.2	-92.4		1.0		0.9	140.8	35.9
(KLIR, 42,100,H,H,AV,3)	42.2	-100.1		1.1		0.9	148.6	43.7
(KLIR, 42,100,H,H,AV,6)	42.2	-92.4		1.3		0.9	141.1	36.2
(KLIR, 42,100,H,H,AV,9)	42.2	-92.4		1.0		0.9	140.8	35.9
(KLIR, 42,100,H,H,AH,3)	42.2	-100.1		1.1		0.9	148.6	43.7
(KLIR, 42,100,H,H,AH,6)	42.2	-92.4		1.3		0.9	141.1	36.2
(KLIR, 42,100,H,H,AH,9)	42.2	-92.4		1.0		0.9	140.8	35.9

COLORADO PLAINS B= 5KM SITE 5

DATE 06-05-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5, 20,V,V, P,3)	24.0	-84.7	-1.1	0.0	0.1	-0.0	107.5	35.1
(PLNS, 5, 20,V,V,AV,3)	24.0	-82.2	-1.1	0.0	0.1	-0.0	105.0	35.5
(PLNS, 5, 20,V,V,AH,3)	24.0	-84.7	-1.1	0.0	0.1	-0.0	107.5	35.1
(PLNS, 5, 50,V,V, P,1)	16.5	-116.3	-2.2	1.5	1.2	0.2	130.7	50.3
(PLNS, 5, 50,V,V, P,3)	16.5	-107.5	-2.2	6.4	1.2	0.2	126.8	46.4
(PLNS, 5, 50,V,V,AV,1)	16.5	-115.7	-2.2	1.5	1.2	0.2	130.1	49.7
(PLNS, 5, 50,V,V,AV,3)	16.5	-112.9	-2.2	6.4	1.2	0.2	132.2	51.8
(PLNS, 5, 50,V,V,AH,1)	16.5	-110.6	-2.2	1.5	1.2	0.2	125.0	44.6
(PLNS, 5, 50,V,V,AH,3)	16.5	-108.4	-2.2	6.4	1.2	0.2	127.7	47.3



COLORADO PLAINS B= 5KM SITE 5

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE 04-07-64 BAROMETRIC PRESSURE 25.62 CLOUD TYPE L5 COVER PERCENT 100% ASSMAN WET 35.0 DRY 42.5

3 POWER LINES 30FT NORTH, 20FT HIGH, 20 PHONE LINES ON SOUTH SIDE OF ROAD. LINE OF TREES AND HOUSES ABOUT 100FT IN LINE OF SIGNAL PATH.

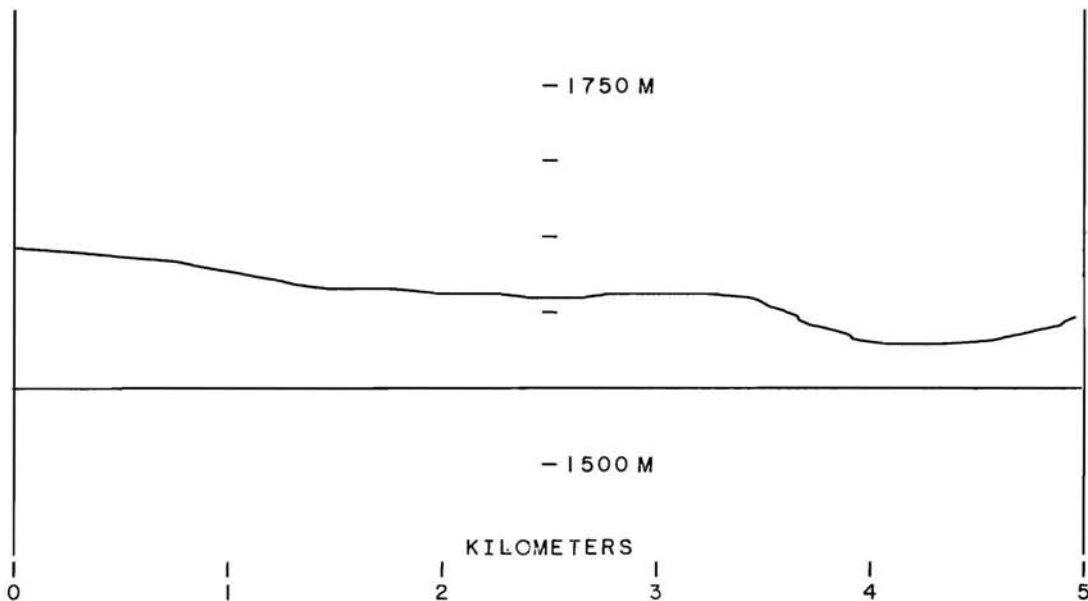
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5,100,V,V, P,3)	20.0	-94.7	7.6	0.6	0.9	0.9	127.2	40.7
(PLNS, 5,100,V,V, P,6)	20.0	-91.5	7.6	-1.1	0.9	0.9	122.3	35.8
(PLNS, 5,100,V,V, P,9)	20.0	-88.9	7.6	-1.5	0.9	0.9	119.3	32.7
(PLNS, 5,100,V,V,AV,3)	20.0	-87.3	7.6	0.6	0.9	0.9	119.8	33.3
(PLNS, 5,100,V,V,AV,6)	20.0	-85.1	7.6	-1.1	0.9	0.9	115.9	29.3
(PLNS, 5,100,V,V,AV,9)	20.0	-83.0	7.6	-1.5	0.9	0.9	113.4	26.9
(PLNS, 5,100,V,V,AH,3)	20.0	-91.2	7.6	0.6	0.9	0.9	123.7	37.2
(PLNS, 5,100,V,V,AH,6)	20.0	-87.2	7.6	-1.1	0.9	0.9	118.0	31.4
(PLNS, 5,100,V,V,AH,9)	20.0	-85.4	7.6	-1.5	0.9	0.9	115.8	29.3
(PLNS, 5,100,H,V, P,3)	20.0	-107.5	9.6	-24.4	0.9	0.9	117.0	30.4
(PLNS, 5,100,H,V, P,6)	20.0	-108.1	9.6	-18.0	0.9	0.9	124.0	37.4
(PLNS, 5,100,H,V, P,9)	20.0	-111.9	9.6	-20.9	0.9	0.9	124.9	38.4
(PLNS, 5,100,H,V,AV,3)	20.0	-103.0	9.6	-24.4	0.9	0.9	112.5	26.0
(PLNS, 5,100,H,V,AV,6)	20.0	-104.5	9.6	-18.0	0.9	0.9	120.4	33.9
(PLNS, 5,100,H,V,AV,9)	20.0	-107.5	9.6	-20.9	0.9	0.9	120.5	33.9
(PLNS, 5,100,H,V,AH,3)	20.0	-106.9	9.6	-24.4	0.9	0.9	116.4	29.9
(PLNS, 5,100,H,V,AH,6)	20.0	-103.6	9.6	-18.0	0.9	0.9	119.5	32.9
(PLNS, 5,100,H,V,AH,9)	20.0	-97.0	9.6	-20.9	0.9	0.9	110.0	23.5
(PLNS, 5,100,V,H, P,3)	20.0	-103.0	7.6	-18.5	0.9	0.9	116.4	29.9
(PLNS, 5,100,V,H, P,6)	20.0	-99.3	7.6	-15.6	0.9	0.9	115.6	29.0
(PLNS, 5,100,V,H, P,9)	20.0	-98.1	7.6	-16.0	0.9	0.9	114.0	27.5
(PLNS, 5,100,V,H,AV,3)	20.0	-96.2	7.6	-18.5	0.9	0.9	109.6	23.0
(PLNS, 5,100,V,H,AV,6)	20.0	-91.3	7.6	-15.6	0.9	0.9	107.6	21.1
(PLNS, 5,100,V,H,AV,9)	20.0	-88.1	7.6	-16.0	0.9	0.9	104.0	17.4
(PLNS, 5,100,V,H,AH,3)	20.0	-99.6	7.6	-18.5	0.9	0.9	113.0	26.5
(PLNS, 5,100,V,H,AH,6)	20.0	-106.1	7.6	-15.6	0.9	0.9	122.4	35.9
(PLNS, 5,100,V,H,AH,9)	20.0	-97.0	7.6	-16.0	0.9	0.9	112.9	26.4
(PLNS, 5,100,H,H, P,3)	20.0	-94.4	9.6	1.4	0.9	0.9	129.7	43.2
(PLNS, 5,100,H,H, P,6)	20.0	-91.0	9.6	1.6	0.9	0.9	126.5	39.9
(PLNS, 5,100,H,H, P,9)	20.0	-84.0	9.6	1.3	0.9	0.9	119.2	32.7
(PLNS, 5,100,H,H,AV,3)	20.0	-91.6	9.6	1.4	0.9	0.9	126.9	40.4
(PLNS, 5,100,H,H,AV,6)	20.0	-85.6	9.6	1.6	0.9	0.9	121.1	34.6
(PLNS, 5,100,H,H,AV,9)	20.0	-81.6	9.6	1.3	0.9	0.9	116.8	30.2
(PLNS, 5,100,H,H,AH,3)	20.0	-87.3	9.6	1.4	0.9	0.9	122.6	36.1
(PLNS, 5,100,H,H,AH,6)	20.0	-84.9	9.6	1.6	0.9	0.9	120.4	33.8
(PLNS, 5,100,H,H,AH,9)	20.0	-81.3	9.6	1.3	0.9	0.9	116.5	30.0
(KLIR, 40,100,H,H, P,3)	42.2	-112.5		-1.2		0.9	158.7	54.2
(KLIR, 40,100,H,H, P,6)	42.2	-107.3		1.3		0.9	156.0	51.5
(KLIR, 40,100,H,H, P,9)	42.2	-103.9		0.9		0.9	152.2	47.7
(KLIR, 40,100,H,H,AV,3)	42.2	-106.9		-1.2		0.9	153.1	48.6
(KLIR, 40,100,H,H,AV,6)	42.2	-104.7		1.3		0.9	153.4	48.9
(KLIR, 40,100,H,H,AV,9)	42.2	-100.9		0.9		0.9	149.2	44.7
(KLIR, 40,100,H,H,AH,3)	42.2	-113.5		-1.2		0.9	159.7	55.2
(KLIR, 40,100,H,H,AH,6)	42.2	-111.0		1.3		0.9	159.7	55.2
(KLIR, 40,100,H,H,AH,9)	42.2	-107.8		0.9		0.9	156.1	51.6

COLORADO PLAINS B= 5KM SITE 6

DATE 12-02-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 5, 20,V,V, P,3)	24.0	-93.9	-1.5	-3.6	0.1	-0.0	112.7	40.3
(PLNS, 5, 20,V,V,AV,3)	24.0	-87.3	-1.5	-3.6	0.1	-0.0	106.1	33.7
(PLNS, 5, 20,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 5, 50,V,V, P,1)	24.0	-116.2	-2.2	-0.5	1.2	0.2	136.1	55.6
(PLNS, 5, 50,V,V, P,3)	24.0	-116.6	-2.2	-0.8	1.2	0.2	136.2	55.8
(PLNS, 5, 50,V,V,AV,1)	24.0	-107.7	-2.2	-0.5	1.2	0.2	127.6	47.2
(PLNS, 5, 50,V,V,AV,3)	24.0	-107.4	-2.2	-0.8	1.2	0.2	127.0	46.5
(PLNS, 5, 50,V,V,AH,1)	*	*	*	*	*	*	*	*
(PLNS, 5, 50,V,V,AH,3)	*	*	*	*	*	*	*	*

* NO MEASUREMENT ATTEMPTED



COLORADO PLAINS B= 5KM SITE 6

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-02-64	24.46	L5	100%	43.0	59.0

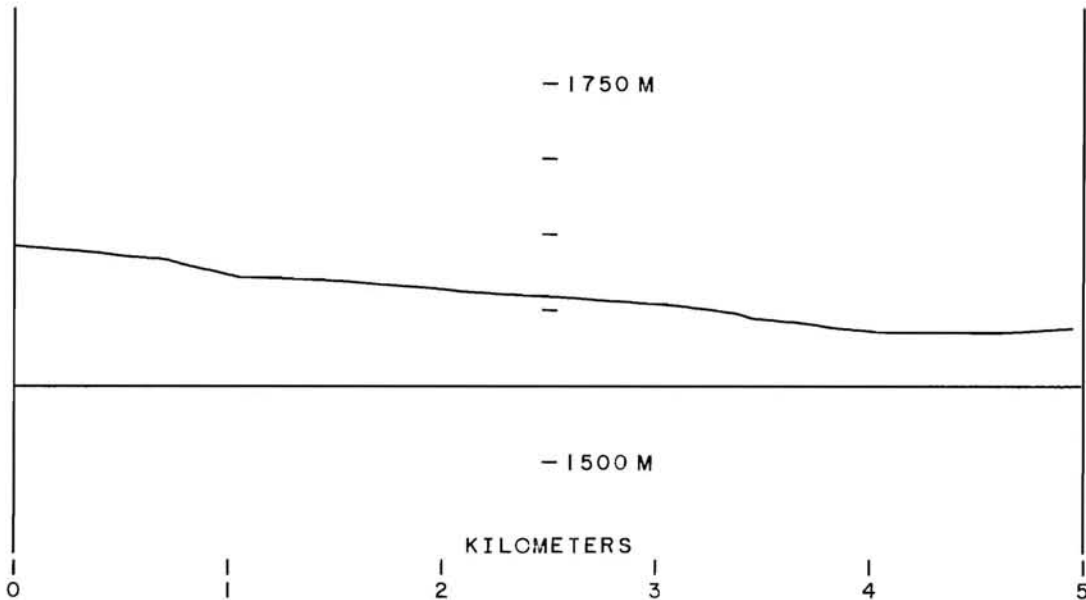
NO OBSTRUCTIONS TO LINE OF SIGHT TO TRANSMITTER. HIGH BLUFF NORTH OF PATH 1/4MI AWAY. BRICK YARD IMMEDIATELY BELOW ACROSS ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5,100,V,V, P,3)	20.0	-86.9	7.6	-1.9	0.9	0.9	116.9	30.4
(PLNS, 5,100,V,V, P,6)	20.0	-84.3	7.6	-2.0	0.9	0.9	114.2	27.7
(PLNS, 5,100,V,V, P,9)	20.0	-82.6	7.6	-1.3	0.9	0.9	113.2	26.7
(PLNS, 5,100,V,V,AV,3)	20.0	-83.6	7.6	-1.9	0.9	0.9	113.6	27.0
(PLNS, 5,100,V,V,AV,6)	20.0	-80.1	7.6	-2.0	0.9	0.9	110.0	23.5
(PLNS, 5,100,V,V,AV,9)	20.0	-78.1	7.6	-1.3	0.9	0.9	108.7	22.2
(PLNS, 5,100,V,V,AH,3)	20.0	-84.0	7.6	-1.9	0.9	0.9	114.0	27.5
(PLNS, 5,100,V,V,AH,6)	20.0	-79.6	7.6	-2.0	0.9	0.9	109.5	23.0
(PLNS, 5,100,V,V,AH,9)	20.0	-75.8	7.6	-1.3	0.9	0.9	106.4	19.9
(PLNS, 5,100,H,V, P,3)	20.0	-99.5	9.6	-21.2	0.9	0.9	112.2	25.7
(PLNS, 5,100,H,V, P,6)	20.0	-99.5	9.6	-15.2	0.9	0.9	118.2	31.7
(PLNS, 5,100,H,V, P,9)	20.0	-99.5	9.6	-18.4	0.9	0.9	115.0	28.5
(PLNS, 5,100,H,V,AV,3)	20.0	-95.8	9.6	-21.2	0.9	0.9	108.5	22.0
(PLNS, 5,100,H,V,AV,6)	20.0	-94.6	9.6	-15.2	0.9	0.9	113.3	26.8
(PLNS, 5,100,H,V,AV,9)	20.0	-93.2	9.6	-18.4	0.9	0.9	108.7	22.2
(PLNS, 5,100,H,V,AH,3)	20.0	-96.0	9.6	-21.2	0.9	0.9	108.7	22.2
(PLNS, 5,100,H,V,AH,6)	20.0	-94.1	9.6	-15.2	0.9	0.9	112.8	26.2
(PLNS, 5,100,H,V,AH,9)	20.0	-92.7	9.6	-18.4	0.9	0.9	108.2	21.6
(PLNS, 5,100,V,H, P,3)	20.0	-97.4	7.6	-18.7	0.9	0.9	110.6	24.1
(PLNS, 5,100,V,H, P,6)	20.0	-95.8	7.6	-16.0	0.9	0.9	111.7	25.2
(PLNS, 5,100,V,H, P,9)	20.0	-92.4	7.6	-18.1	0.9	0.9	106.2	19.7
(PLNS, 5,100,V,H,AV,3)	20.0	-97.9	7.6	-18.7	0.9	0.9	111.1	24.6
(PLNS, 5,100,V,H,AV,6)	20.0	-92.9	7.6	-16.0	0.9	0.9	108.8	22.3
(PLNS, 5,100,V,H,AV,9)	20.0	-92.9	7.6	-18.1	0.9	0.9	106.7	20.2
(PLNS, 5,100,V,H,AH,3)	20.0	-99.5	7.6	-18.7	0.9	0.9	112.7	26.2
(PLNS, 5,100,V,H,AH,6)	20.0	-93.5	7.6	-16.0	0.9	0.9	109.4	22.8
(PLNS, 5,100,V,H,AH,9)	20.0	-90.4	7.6	-18.1	0.9	0.9	104.2	17.6
(PLNS, 5,100,H,H, P,3)	20.0	-85.3	9.6	-1.1	0.9	0.9	118.1	31.6
(PLNS, 5,100,H,H, P,6)	20.0	-84.0	9.6	1.3	0.9	0.9	119.2	32.7
(PLNS, 5,100,H,H, P,9)	20.0	-84.0	9.6	0.9	0.9	0.9	118.8	32.3
(PLNS, 5,100,H,H,AV,3)	20.0	-82.7	9.6	-1.1	0.9	0.9	115.5	29.0
(PLNS, 5,100,H,H,AV,6)	20.0	-78.4	9.6	1.3	0.9	0.9	113.6	27.1
(PLNS, 5,100,H,H,AV,9)	20.0	-76.9	9.6	0.9	0.9	0.9	111.7	25.1
(PLNS, 5,100,H,H,AH,3)	20.0	-80.1	9.6	-1.1	0.9	0.9	112.9	26.4
(PLNS, 5,100,H,H,AH,6)	20.0	-78.0	9.6	1.3	0.9	0.9	113.2	26.7
(PLNS, 5,100,H,H,AH,9)	20.0	-77.4	9.6	0.9	0.9	0.9	112.2	25.7
(KLIR, 40,100,H,H, P,3)	42.2	-98.1		1.1		0.9	146.6	42.2
(KLIR, 40,100,H,H, P,6)	42.2	-96.2		1.6		0.9	145.2	40.7
(KLIR, 40,100,H,H, P,9)	42.2	-93.8		1.2		0.9	142.4	37.9
(KLIR, 40,100,H,H,AV,3)	42.2	-95.4		1.1		0.9	143.9	39.5
(KLIR, 40,100,H,H,AV,6)	42.2	-93.0		1.6		0.9	142.0	37.6
(KLIR, 40,100,H,H,AV,9)	42.2	-91.4		1.2		0.9	140.0	35.6
(KLIR, 40,100,H,H,AH,3)	42.2	-97.0		1.1		0.9	145.5	41.1
(KLIR, 40,100,H,H,AH,6)	42.2	-91.9		1.6		0.9	140.9	36.4
(KLIR, 40,100,H,H,AH,9)	42.2	-91.9		1.2		0.9	140.5	36.0

COLORADO PLAINS B= 5KM SITE 7

DATE 05-14-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5, 20,V,V, P,3)	24.0	-92.9	-2.6	-2.1	0.1	-0.0	112.1	39.7
(PLNS, 5, 20,V,V,AV,3)	24.0	-92.9	-2.6	-2.1	0.1	-0.0	112.1	39.7
(PLNS, 5, 20,V,V,AH,3)	24.0	-92.9	-2.6	-2.1	0.1	-0.0	112.1	39.7
(PLNS, 5, 50,V,V, P,1)	17.0	-109.0	-2.2	5.5	1.2	0.2	127.9	47.5
(PLNS, 5, 50,V,V, P,3)	17.0	-102.5	-2.2	-0.6	1.2	0.2	115.3	34.9
(PLNS, 5, 50,V,V,AV,1)	17.0	-109.0	-2.2	5.5	1.2	0.2	127.9	47.5
(PLNS, 5, 50,V,V,AV,3)	17.0	-102.5	-2.2	-0.6	1.2	0.2	115.3	34.9
(PLNS, 5, 50,V,V,AH,1)	17.0	-109.0	-2.2	5.5	1.2	0.2	127.9	47.5
(PLNS, 5, 50,V,V,AH,3)	17.0	-102.5	-2.2	-0.6	1.2	0.2	115.3	34.9



COLORADO PLAINS R= 5KM SITE 7

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-14-64	24.95	L1,H1	60%	46.5	68.0

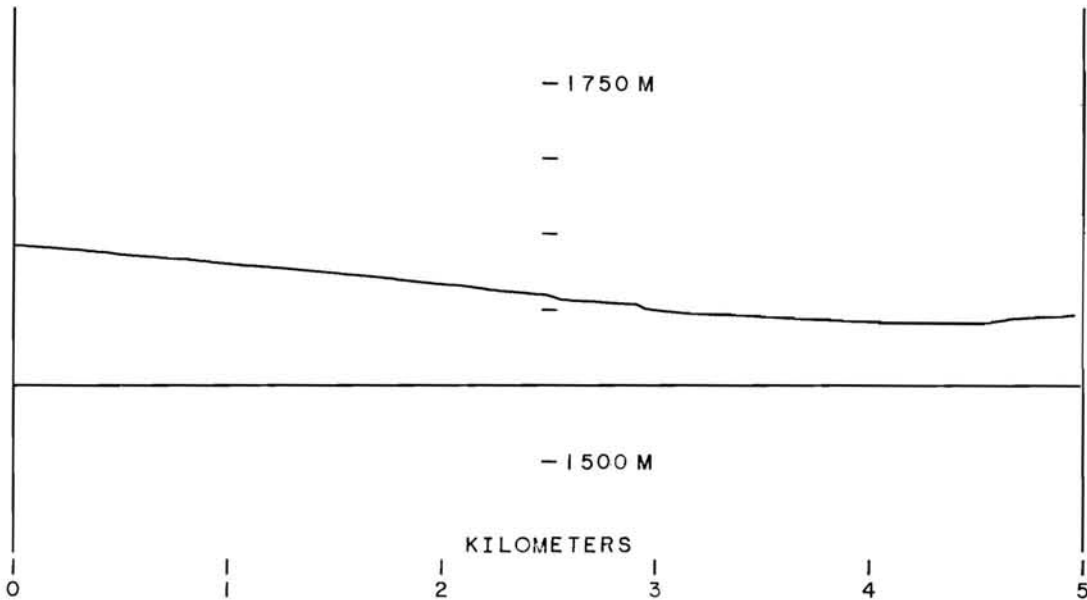
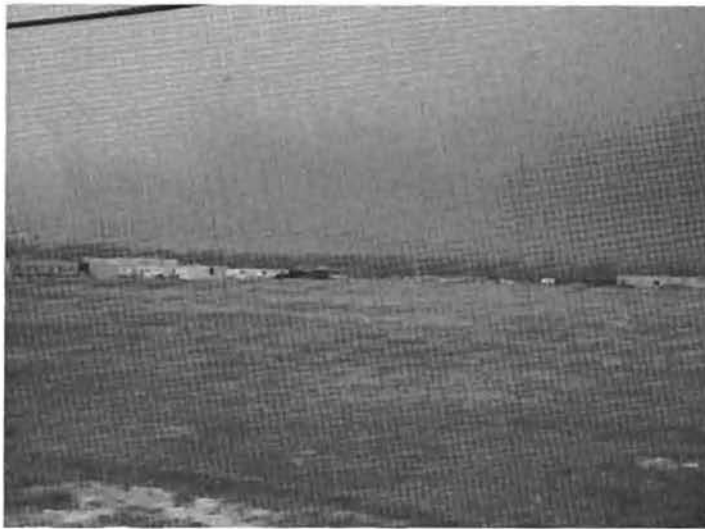
ROW OF TREES 40FT HIGH FORM LINE OF SIGHT HORIZON 1/2 MILE TO THE WEST
 AREA IS OPEN GRASSLAND EXCEPT FOR LINE OF 60FT TREES 400FT DUE WEST.
 4-WIRE HIGH VOLTAGE PUBLIC SERVICE TRANSMISSION LINE RUNS EAST-WEST
 ACROSS ROAD 197FT NORTH OF NORTH END LIMIT OF SEARCH AREA.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5,100,V,V, P,3)	20.0	-89.8	7.6	-3.8	0.9	0.9	117.9	31.3
(PLNS, 5,100,V,V, P,6)	20.0	-84.0	7.6	-2.2	0.9	0.9	113.7	27.1
(PLNS, 5,100,V,V, P,9)	20.0	-81.7	7.6	-2.2	0.9	0.9	111.4	24.8
(PLNS, 5,100,V,V,AV,3)	20.0	-89.8	7.6	-3.8	0.9	0.9	117.9	31.3
(PLNS, 5,100,V,V,AV,6)	20.0	-84.0	7.6	-2.2	0.9	0.9	113.7	27.1
(PLNS, 5,100,V,V,AV,9)	20.0	-81.7	7.6	-2.2	0.9	0.9	111.4	24.8
(PLNS, 5,100,V,V,AH,3)	20.0	-89.8	7.6	-3.8	0.9	0.9	117.9	31.3
(PLNS, 5,100,V,V,AH,6)	20.0	-84.0	7.6	-2.2	0.9	0.9	113.7	27.1
(PLNS, 5,100,V,V,AH,9)	20.0	-81.7	7.6	-2.2	0.9	0.9	111.4	24.8
(PLNS, 5,100,H,V, P,3)	20.0	-100.7	9.6	-22.5	0.9	0.9	112.1	25.6
(PLNS, 5,100,H,V, P,6)	20.0	-100.0	9.6	-21.0	0.9	0.9	112.9	26.3
(PLNS, 5,100,H,V, P,9)	20.0	-101.4	9.6	-19.6	0.9	0.9	115.7	29.2
(PLNS, 5,100,H,V,AV,3)	20.0	-100.7	9.6	-22.5	0.9	0.9	112.1	25.6
(PLNS, 5,100,H,V,AV,6)	20.0	-100.0	9.6	-21.0	0.9	0.9	112.9	26.3
(PLNS, 5,100,H,V,AV,9)	20.0	-101.4	9.6	-19.6	0.9	0.9	115.7	29.2
(PLNS, 5,100,H,V,AH,3)	20.0	-100.7	9.6	-22.5	0.9	0.9	112.1	25.6
(PLNS, 5,100,H,V,AH,6)	20.0	-100.0	9.6	-21.0	0.9	0.9	112.9	26.3
(PLNS, 5,100,H,V,AH,9)	20.0	-101.4	9.6	-19.6	0.9	0.9	115.7	29.2
(PLNS, 5,100,V,H, P,3)	20.0	-100.0	7.6	-18.6	0.9	0.9	113.3	26.7
(PLNS, 5,100,V,H, P,6)	20.0	-97.6	7.6	-15.4	0.9	0.9	114.1	27.6
(PLNS, 5,100,V,H, P,9)	20.0	-93.0	7.6	-15.9	0.9	0.9	109.0	22.5
(PLNS, 5,100,V,H,AV,3)	20.0	-100.0	7.6	-18.6	0.9	0.9	113.3	26.7
(PLNS, 5,100,V,H,AV,6)	20.0	-97.6	7.6	-15.4	0.9	0.9	114.1	27.6
(PLNS, 5,100,V,H,AV,9)	20.0	-93.0	7.6	-15.9	0.9	0.9	109.0	22.5
(PLNS, 5,100,V,H,AH,3)	20.0	-100.0	7.6	-18.6	0.9	0.9	113.3	26.7
(PLNS, 5,100,V,H,AH,6)	20.0	-97.6	7.6	-15.4	0.9	0.9	114.1	27.6
(PLNS, 5,100,V,H,AH,9)	20.0	-93.0	7.6	-15.9	0.9	0.9	109.0	22.5
(PLNS, 5,100,H,H, P,3)	20.0	-89.0	9.6	-0.3	0.9	0.9	122.6	36.1
(PLNS, 5,100,H,H, P,6)	20.0	-83.9	9.6	1.2	0.9	0.9	119.0	32.5
(PLNS, 5,100,H,H, P,9)	20.0	-80.5	9.6	0.8	0.9	0.9	115.2	28.6
(PLNS, 5,100,H,H,AV,3)	20.0	-89.0	9.6	-0.3	0.9	0.9	122.6	36.1
(PLNS, 5,100,H,H,AV,6)	20.0	-83.9	9.6	1.2	0.9	0.9	119.0	32.5
(PLNS, 5,100,H,H,AV,9)	20.0	-80.5	9.6	0.8	0.9	0.9	115.2	28.6
(PLNS, 5,100,H,H,AH,3)	20.0	-89.0	9.6	-0.3	0.9	0.9	122.6	36.1
(PLNS, 5,100,H,H,AH,6)	20.0	-83.9	9.6	1.2	0.9	0.9	119.0	32.5
(PLNS, 5,100,H,H,AH,9)	20.0	-80.5	9.6	0.8	0.9	0.9	115.2	28.6
(KLIR, 39,100,H,H, P,3)	42.2	-97.9		-0.1		0.9	145.2	40.9
(KLIR, 39,100,H,H, P,6)	42.2	-93.5		1.5		0.9	142.4	38.1
(KLIR, 39,100,H,H, P,9)	42.2	-90.4		1.3		0.9	139.1	34.8
(KLIR, 39,100,H,H,AV,3)	42.2	-97.9		-0.1		0.9	145.2	40.9
(KLIR, 39,100,H,H,AV,6)	42.2	-93.5		1.5		0.9	142.4	38.1
(KLIR, 39,100,H,H,AV,9)	42.2	-90.4		1.3		0.9	139.1	34.8
(KLIR, 39,100,H,H,AH,3)	42.2	-97.9		-0.1		0.9	145.2	40.9
(KLIR, 39,100,H,H,AH,6)	42.2	-93.5		1.5		0.9	142.4	38.1
(KLIR, 39,100,H,H,AH,9)	42.2	-90.4		1.3		0.9	139.1	34.8

COLORADO PLAINS B= 5KM SITE 8

DATE 05-15-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5, 20,V,V, P,3)	24.0	-82.0	-3.6	-1.5	0.1	-0.0	100.8	28.4
(PLNS, 5, 20,V,V,AV,3)	24.0	-84.7	-3.6	-1.5	0.1	-0.0	103.5	31.1
(PLNS, 5, 20,V,V,AH,3)	24.0	-82.8	-3.6	-1.5	0.1	-0.0	101.6	29.2
(PLNS, 5, 50,V,V, P,1)	17.0	-106.4	-2.2	2.2	1.2	0.2	122.0	41.5
(PLNS, 5, 50,V,V, P,3)	17.0	-113.5	-2.2	4.8	1.2	0.2	131.7	51.2
(PLNS, 5, 50,V,V,AV,1)	17.0	-117.0	-2.2	2.2	1.2	0.2	132.6	52.2
(PLNS, 5, 50,V,V,AV,3)	17.0	-113.2	-2.2	4.8	1.2	0.2	131.4	51.0
(PLNS, 5, 50,V,V,AH,1)	17.0	-106.4	-2.2	2.2	1.2	0.2	122.0	41.5
(PLNS, 5, 50,V,V,AH,3)	17.0	-112.4	-2.2	4.8	1.2	0.2	130.6	50.2



COLORADO PLAINS R= 5KM SITE A

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-07-64	24.98	L5	100%	35.0	41.5

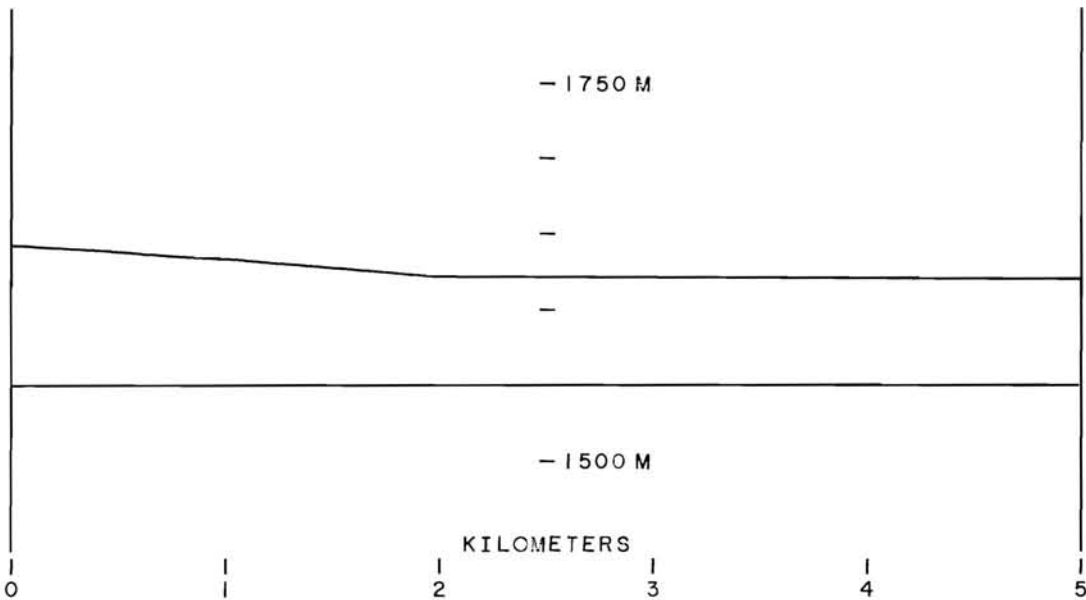
THREE HEAVY TELEPHONE CABLES ON NORTH SIDE OF ROAD 12FT FROM TRUCK AND 15FT ABOVE GROUND. HEAVY TREE GROWTH IN RIVER BOTTOM AT 1500FT. 40FT HIGH, FORMING VISUAL HORIZON IN LINE OF SITE TO TRANSMITTER. 6 POWER LINES AVG HEIGHT 30FT ABOVE GROUND. POWER LINES ABOUT 50FT SOUTH OF TRUCK AND PARALLEL TO ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5,100,V,V, P,3)	20.0	-100.5	7.6	-0.2	0.9	0.9	132.2	45.6
(PLNS, 5,100,V,V, P,6)	20.0	-86.4	7.6	-1.2	0.9	0.9	117.1	30.5
(PLNS, 5,100,V,V, P,9)	20.0	-84.1	7.6	-1.7	0.9	0.9	114.3	27.8
(PLNS, 5,100,V,V,AV,3)	20.0	-88.1	7.6	-0.2	0.9	0.9	119.8	33.2
(PLNS, 5,100,V,V,AV,6)	20.0	-84.7	7.6	-1.2	0.9	0.9	115.4	28.9
(PLNS, 5,100,V,V,AV,9)	20.0	-82.9	7.6	-1.7	0.9	0.9	113.1	26.6
(PLNS, 5,100,V,V,AH,3)	20.0	-93.0	7.6	-0.2	0.9	0.9	124.7	38.2
(PLNS, 5,100,V,V,AH,6)	20.0	-85.6	7.6	-1.2	0.9	0.9	116.3	29.8
(PLNS, 5,100,V,V,AH,9)	20.0	-83.9	7.6	-1.7	0.9	0.9	114.1	27.6
(PLNS, 5,100,H,V, P,3)	20.0	-108.4	9.6	-20.8	0.9	0.9	121.5	34.9
(PLNS, 5,100,H,V, P,6)	20.0	-110.8	9.6	-16.0	0.9	0.9	128.7	42.1
(PLNS, 5,100,H,V, P,9)	20.0	-106.9	9.6	-20.7	0.9	0.9	120.1	33.6
(PLNS, 5,100,H,V,AV,3)	20.0	-107.6	9.6	-20.8	0.9	0.9	120.7	34.2
(PLNS, 5,100,H,V,AV,6)	20.0	-107.2	9.6	-16.0	0.9	0.9	125.1	38.5
(PLNS, 5,100,H,V,AV,9)	20.0	-112.1	9.6	-20.7	0.9	0.9	125.3	38.8
(PLNS, 5,100,H,V,AH,3)	20.0	-110.6	9.6	-20.8	0.9	0.9	123.7	37.1
(PLNS, 5,100,H,V,AH,6)	20.0	-103.9	9.6	-16.0	0.9	0.9	121.8	35.3
(PLNS, 5,100,H,V,AH,9)	20.0	-107.2	9.6	-20.7	0.9	0.9	120.4	33.8
(PLNS, 5,100,V,H, P,3)	20.0	-94.7	7.6	-16.2	0.9	0.9	110.4	23.9
(PLNS, 5,100,V,H, P,6)	20.0	-95.6	7.6	-15.5	0.9	0.9	112.0	25.5
(PLNS, 5,100,V,H, P,9)	20.0	-93.3	7.6	-15.9	0.9	0.9	109.3	22.8
(PLNS, 5,100,V,H,AV,3)	20.0	-92.8	7.6	-16.2	0.9	0.9	108.5	21.9
(PLNS, 5,100,V,H,AV,6)	20.0	-93.0	7.6	-15.5	0.9	0.9	109.4	22.8
(PLNS, 5,100,V,H,AV,9)	20.0	-94.9	7.6	-15.9	0.9	0.9	110.9	24.4
(PLNS, 5,100,V,H,AH,3)	20.0	-95.8	7.6	-16.2	0.9	0.9	111.5	25.0
(PLNS, 5,100,V,H,AH,6)	20.0	-92.4	7.6	-15.5	0.9	0.9	108.8	22.3
(PLNS, 5,100,V,H,AH,9)	20.0	-91.7	7.6	-15.9	0.9	0.9	107.7	21.1
(PLNS, 5,100,H,H, P,3)	20.0	-89.0	9.6	1.5	0.9	0.9	124.4	37.9
(PLNS, 5,100,H,H, P,6)	20.0	-83.4	9.6	1.3	0.9	0.9	118.6	32.0
(PLNS, 5,100,H,H, P,9)	20.0	-79.7	9.6	1.1	0.9	0.9	114.7	28.2
(PLNS, 5,100,H,H,AV,3)	20.0	-88.4	9.6	1.5	0.9	0.9	123.8	37.2
(PLNS, 5,100,H,H,AV,6)	20.0	-82.8	9.6	1.3	0.9	0.9	118.0	31.5
(PLNS, 5,100,H,H,AV,9)	20.0	-79.2	9.6	1.1	0.9	0.9	114.2	27.6
(PLNS, 5,100,H,H,AH,3)	20.0	-87.0	9.6	1.5	0.9	0.9	122.4	35.9
(PLNS, 5,100,H,H,AH,6)	20.0	-83.0	9.6	1.3	0.9	0.9	118.2	31.7
(PLNS, 5,100,H,H,AH,9)	20.0	-78.9	9.6	1.1	0.9	0.9	113.9	27.4
(KLIR, 39,100,H,H, P,3)	42.2	-105.2		-1.5		0.9	151.1	46.8
(KLIR, 39,100,H,H, P,6)	42.2	-99.7		1.4		0.9	148.5	44.3
(KLIR, 39,100,H,H, P,9)	42.2	-93.5		1.0		0.9	141.9	37.6
(KLIR, 39,100,H,H,AV,3)	42.2	-103.2		-1.5		0.9	149.1	44.8
(KLIR, 39,100,H,H,AV,6)	42.2	-101.7		1.4		0.9	150.5	46.3
(KLIR, 39,100,H,H,AV,9)	42.2	-98.8		1.0		0.9	147.2	43.0
(KLIR, 39,100,H,H,AH,3)	42.2	-103.9		-1.5		0.9	149.8	45.6
(KLIR, 39,100,H,H,AH,6)	42.2	-101.7		1.4		0.9	150.5	46.3
(KLIR, 39,100,H,H,AH,9)	42.2	-95.8		1.0		0.9	144.2	39.9

COLORADO PLAINS B= 5KM SITE 10

DATE 05-15-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5, 20,V,V, P,3)	24.0	-85.0	-4.2	-1.8	0.1	-0.0	102.8	30.4
(PLNS, 5, 20,V,V,AV,3)	24.0	-81.7	-4.2	-1.8	0.1	-0.0	99.6	27.2
(PLNS, 5, 20,V,V,AH,3)	24.0	-82.7	-4.2	-1.8	0.1	-0.0	100.6	28.1
(PLNS, 5, 50,V,V, P,1)	17.0	-101.2	-2.2	5.0	1.2	0.2	119.5	39.1
(PLNS, 5, 50,V,V, P,3)	17.0	-111.4	-2.2	-1.3	1.2	0.2	123.5	43.1
(PLNS, 5, 50,V,V,AV,1)	17.0	-102.5	-2.2	5.0	1.2	0.2	120.9	40.5
(PLNS, 5, 50,V,V,AV,3)	17.0	-107.5	-2.2	-1.3	1.2	0.2	119.5	39.1
(PLNS, 5, 50,V,V,AH,1)	17.0	-99.2	-2.2	5.0	1.2	0.2	117.5	37.1
(PLNS, 5, 50,V,V,AH,3)	17.0	-105.0	-2.2	-1.3	1.2	0.2	117.0	36.6



COLORADO PLAINS R= 5KM SITE 10

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
04-01-64	24.38	M6	75%	49.0	69.0

SITE IS CLEAR. HORIZON IS GROUP OF TREES ABOUT 2 MILES DOWN PATH.
ANTENNA (TRANSMITTER) IS LINE OF SIGHT EXCEPT AS NOTED ABOVE.

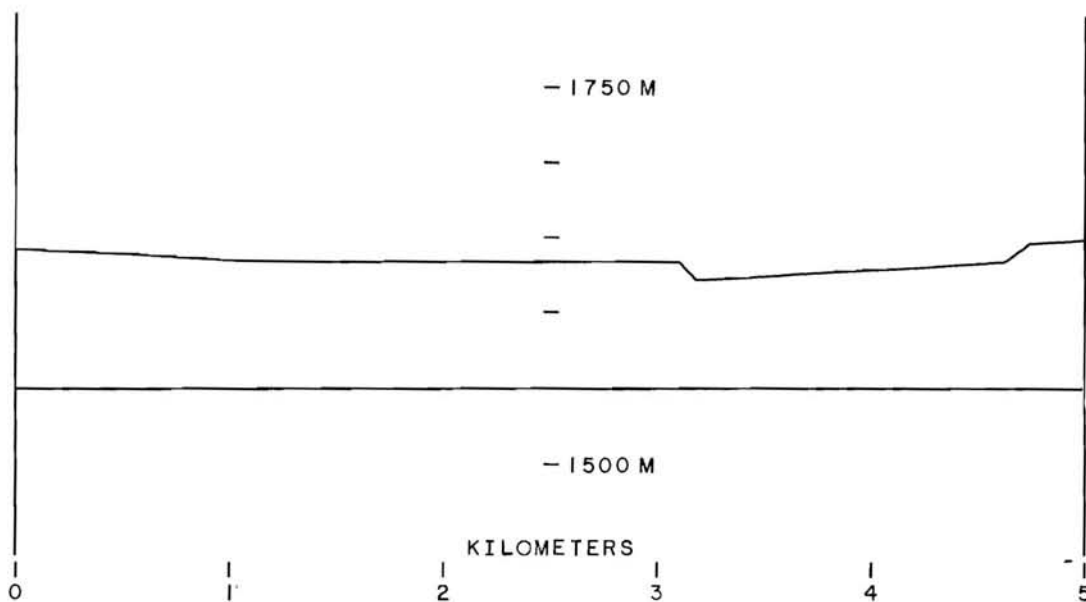
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5,100,V,V, P,3)	20.0	-82.5	7.6	-2.5	0.9	0.9	111.9	25.4
(PLNS, 5,100,V,V, P,6)	20.0	-79.2	7.6	-1.9	0.9	0.9	109.2	22.6
(PLNS, 5,100,V,V, P,9)	20.0	-76.8	7.6	-2.2	0.9	0.9	106.5	20.0
(PLNS, 5,100,V,V,AV,3)	20.0	-80.1	7.6	-2.5	0.9	0.9	109.5	23.0
(PLNS, 5,100,V,V,AV,6)	20.0	-77.9	7.6	-1.9	0.9	0.9	107.9	21.4
(PLNS, 5,100,V,V,AV,9)	20.0	-76.9	7.6	-2.2	0.9	0.9	106.6	20.1
(PLNS, 5,100,V,V,AH,3)	20.0	-82.9	7.6	-2.5	0.9	0.9	112.3	25.8
(PLNS, 5,100,V,V,AH,6)	20.0	-79.3	7.6	-1.9	0.9	0.9	109.3	22.7
(PLNS, 5,100,V,V,AH,9)	20.0	-79.3	7.6	-2.2	0.9	0.9	109.0	22.4
(PLNS, 5,100,H,V, P,3)	20.0	-109.8	9.6	-17.3	0.9	0.9	126.4	39.8
(PLNS, 5,100,H,V, P,6)	20.0	-101.7	9.6	-16.5	0.9	0.9	119.1	32.6
(PLNS, 5,100,H,V, P,9)	20.0	-104.5	9.6	-17.0	0.9	0.9	121.4	34.9
(PLNS, 5,100,H,V,AV,3)	20.0	-100.5	9.6	-17.3	0.9	0.9	117.1	30.5
(PLNS, 5,100,H,V,AV,6)	20.0	-95.8	9.6	-16.5	0.9	0.9	113.2	26.7
(PLNS, 5,100,H,V,AV,9)	20.0	-95.8	9.6	-17.0	0.9	0.9	112.7	26.2
(PLNS, 5,100,H,V,AH,3)	20.0	-102.7	9.6	-17.3	0.9	0.9	119.3	32.8
(PLNS, 5,100,H,V,AH,6)	20.0	-104.5	9.6	-16.5	0.9	0.9	121.9	35.4
(PLNS, 5,100,H,V,AH,9)	20.0	-101.2	9.6	-17.0	0.9	0.9	118.1	31.5
(PLNS, 5,100,V,H, P,3)	20.0	-95.3	7.6	-20.4	0.9	0.9	106.8	20.2
(PLNS, 5,100,V,H, P,6)	20.0	-95.4	7.6	-15.7	0.9	0.9	111.6	25.1
(PLNS, 5,100,V,H, P,9)	20.0	-103.2	7.6	-15.8	0.9	0.9	119.3	32.8
(PLNS, 5,100,V,H,AV,3)	20.0	-88.5	7.6	-20.4	0.9	0.9	100.0	13.5
(PLNS, 5,100,V,H,AV,6)	20.0	-89.2	7.6	-15.7	0.9	0.9	105.4	18.9
(PLNS, 5,100,V,H,AV,9)	20.0	-87.5	7.6	-15.8	0.9	0.9	103.6	17.0
(PLNS, 5,100,V,H,AH,3)	20.0	-86.1	7.6	-20.4	0.9	0.9	97.6	11.1
(PLNS, 5,100,V,H,AH,6)	20.0	-83.6	7.6	-15.7	0.9	0.9	99.8	13.2
(PLNS, 5,100,V,H,AH,9)	20.0	-84.5	7.6	-15.8	0.9	0.9	100.6	14.1
(PLNS, 5,100,H,H, P,3)	20.0	-95.3	9.6	-0.6	0.9	0.9	128.6	42.0
(PLNS, 5,100,H,H, P,6)	20.0	-87.5	9.6	1.6	0.9	0.9	123.0	36.4
(PLNS, 5,100,H,H, P,9)	20.0	-85.2	9.6	1.1	0.9	0.9	120.2	33.6
(PLNS, 5,100,H,H,AV,3)	20.0	-86.4	9.6	-0.6	0.9	0.9	119.7	33.1
(PLNS, 5,100,H,H,AV,6)	20.0	-81.7	9.6	1.6	0.9	0.9	117.2	30.6
(PLNS, 5,100,H,H,AV,9)	20.0	-80.1	9.6	1.1	0.9	0.9	115.1	28.6
(PLNS, 5,100,H,H,AH,3)	20.0	-85.0	9.6	-0.6	0.9	0.9	118.3	31.7
(PLNS, 5,100,H,H,AH,6)	20.0	-81.9	9.6	1.6	0.9	0.9	117.4	30.9
(PLNS, 5,100,H,H,AH,9)	20.0	-79.2	9.6	1.1	0.9	0.9	114.2	27.6
(KLIR, 39,100,H,H, P,3)	42.2	-100.3		-0.5		0.9	147.2	42.9
(KLIR, 39,100,H,H, P,6)	42.2	-98.3		1.2		0.9	146.9	42.6
(KLIR, 39,100,H,H, P,9)	42.2	-98.3		1.0		0.9	146.7	42.4
(KLIR, 39,100,H,H,AV,3)	42.2	-100.0		-0.5		0.9	146.9	42.6
(KLIR, 39,100,H,H,AV,6)	42.2	-100.0		1.2		0.9	148.6	44.3
(KLIR, 39,100,H,H,AV,9)	42.2	-101.9		1.0		0.9	150.3	46.0
(KLIR, 39,100,H,H,AH,3)	42.2	-96.0		-0.5		0.9	142.9	38.6
(KLIR, 39,100,H,H,AH,6)	42.2	-95.3		1.2		0.9	143.9	39.6
(KLIR, 39,100,H,H,AH,9)	42.2	-97.0		1.0		0.9	145.4	41.1

COLORADO PLAINS B= 5KM SITE 11

DATE 11-17-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS: 5, 20,V,V, P,3)	24.0	-98.0	-4.1	-1.9	0.1	-0.0	115.9	43.5
(PLNS: 5, 20,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS: 5, 20,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS: 5, 50,V,V, P,1)	24.0	-101.5	-2.2	4.3	1.2	0.2	126.2	45.8
(PLNS: 5, 50,V,V, P,3)	24.0	-100.8	-2.2	-2.5	1.2	0.2	118.7	38.3
(PLNS: 5, 50,V,V,AV,1)	*	*	*	*	*	*	*	*
(PLNS: 5, 50,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS: 5, 50,V,V,AV,1)	*	*	*	*	*	*	*	*
(PLNS: 5, 50,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS: 5, 50,V,V,AV,1)	*	*	*	*	*	*	*	*
(PLNS: 5, 50,V,V,AV,3)	*	*	*	*	*	*	*	*

* NO MEASUREMENT ATTEMPTED



COLORADO PLAINS R= 5KM SITE 11

METFOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-01-64	24.33	H7	80%	46.0	63.5

SITE IN CITY. TREES TO 50FT TALL 200FT DOWN PATH. COVERAGE IS DENSE.
3-STORY BRICK AND FRAME HOUSE IN PATH AT 200FT (U.OFC. PRES. HOUSE).

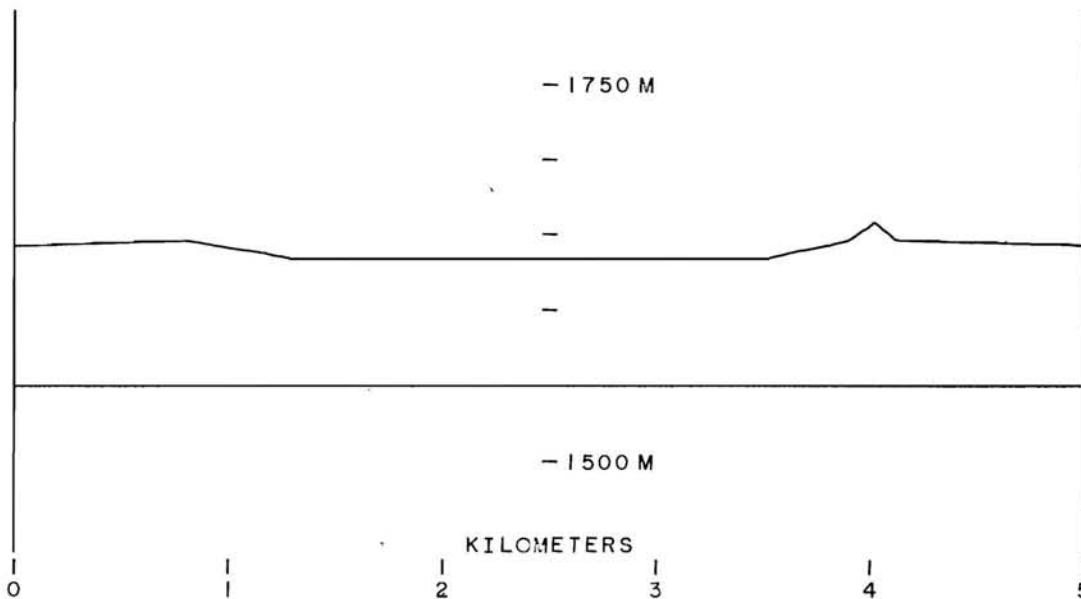
(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 5,100,V,V, P,3)	20.0	-85.1	7.6	-1.1	0.9	0.9	115.9	29.3
(PLNS, 5,100,V,V, P,6)	20.0	-83.6	7.6	-1.5	0.9	0.9	114.0	27.4
(PLNS, 5,100,V,V, P,9)	20.0	-92.0	7.6	-2.0	0.9	0.9	121.9	35.4
(PLNS, 5,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,V, P,3)	20.0	-97.3	9.6	-15.5	0.9	0.9	115.7	29.1
(PLNS, 5,100,H,V, P,6)	20.0	-115.9	9.6	-13.5	0.9	0.9	136.3	49.8
(PLNS, 5,100,H,V, P,9)	20.0	-92.9	9.6	-15.5	0.9	0.9	111.3	24.8
(PLNS, 5,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,H, P,3)	20.0	-99.5	7.6	-21.3	0.9	0.9	110.1	23.6
(PLNS, 5,100,V,H, P,6)	20.0	-85.4	7.6	-17.7	0.9	0.9	99.6	13.1
(PLNS, 5,100,V,H, P,9)	20.0	-89.0	7.6	-16.0	0.9	0.9	104.9	18.4
(PLNS, 5,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 5,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,H, P,3)	20.0	-90.0	9.6	-1.3	0.9	0.9	122.6	36.0
(PLNS, 5,100,H,H, P,6)	20.0	-80.2	9.6	1.6	0.9	0.9	115.7	29.1
(PLNS, 5,100,H,H, P,9)	20.0	-76.4	9.6	1.1	0.9	0.9	111.4	24.9
(PLNS, 5,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 5,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 40,100,H,H, P,3)	42.2	-101.3		-0.5		0.9	148.2	43.8
(KLIR, 40,100,H,H, P,6)	42.2	-98.9		1.2		0.9	147.5	43.1
(KLIR, 40,100,H,H, P,9)	42.2	-102.7		1.0		0.9	151.1	46.6
(KLIR, 40,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 40,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 40,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 40,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 40,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 40,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 5KM SITE 12

DATE 05-15-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5, 20,V,V, P,3)	24.0	-103.0	-3.8	-4.9	0.1	-0.0	118.2	45.0
(PLNS, 5, 20,V,V,AV,3)	24.0	-103.0	-3.8	-4.9	0.1	-0.0	118.2	45.0
(PLNS, 5, 20,V,V,AH,3)	24.0	-106.9	-3.8	-4.9	0.1	-0.0	122.1	49.0
(PLNS, 5, 50,V,V, P,1)	17.0	-103.4	-2.2	1.0	1.2	0.2	117.8	37.0
(PLNS, 5, 50,V,V, P,3)	17.0	-105.6	-2.2	2.6	1.2	0.2	121.6	41.0
(PLNS, 5, 50,V,V,AV,1)	17.0	-103.4	-2.2	1.0	1.2	0.2	117.8	37.0
(PLNS, 5, 50,V,V,AV,3)	17.0	-105.6	-2.2	2.6	1.2	0.2	121.6	41.0
(PLNS, 5, 50,V,V,AH,1)	17.0	-111.9	-2.2	1.0	1.2	0.2	126.3	45.0
(PLNS, 5, 50,V,V,AH,3)	17.0	-113.5	-2.2	2.6	1.2	0.2	129.5	49.0



COLORADO PLAINS R= 5KM SITF 12

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-01-64	24.36	M1	65%	47.0	67.5

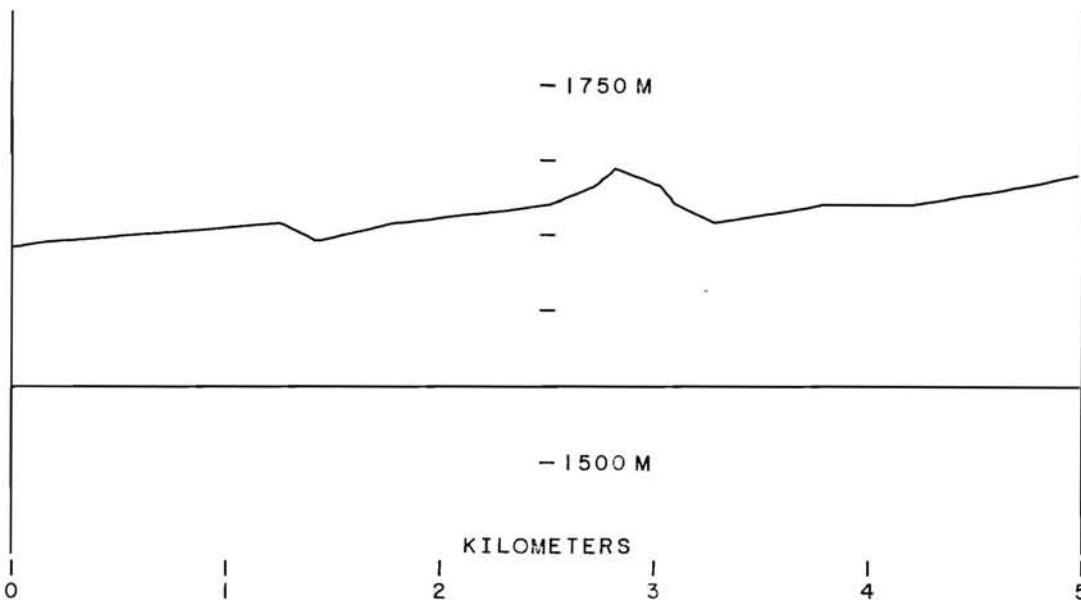
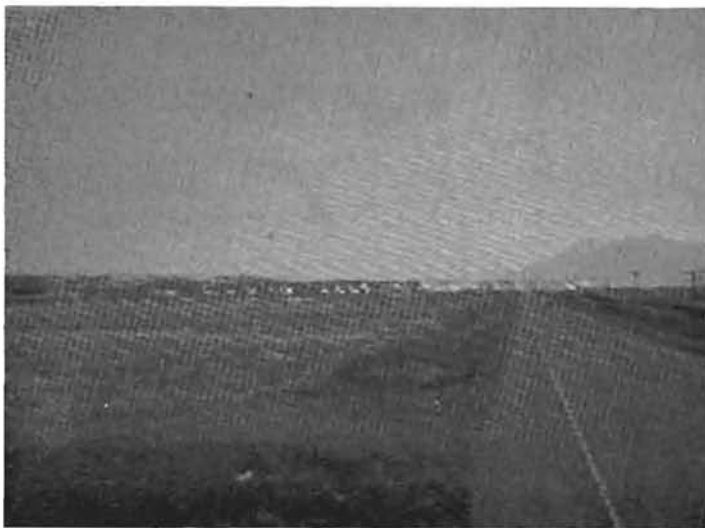
SITE IS IN RESIDENTIAL AREA. TREES ALONG CURB ARE ABOUT 70FT HIGH-NO FOLIAGE BUT THICKLY BRANCHED.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5,100,V,V, P,3)	20.0	-81.4	7.6	-0.9	0.9	0.9	112.4	25.9
(PLNS, 5,100,V,V, P,6)	20.0	-84.5	7.6	-1.9	0.9	0.9	114.5	28.0
(PLNS, 5,100,V,V, P,9)	20.0	-82.2	7.6	-1.8	0.9	0.9	112.3	25.8
(PLNS, 5,100,V,V,AV,3)	20.0	-81.4	7.6	-0.9	0.9	0.9	112.4	25.9
(PLNS, 5,100,V,V,AV,6)	20.0	-84.5	7.6	-1.9	0.9	0.9	114.5	28.0
(PLNS, 5,100,V,V,AV,9)	20.0	-82.2	7.6	-1.8	0.9	0.9	112.3	25.8
(PLNS, 5,100,V,V,AH,3)	20.0	-83.1	7.6	-0.9	0.9	0.9	114.1	27.6
(PLNS, 5,100,V,V,AH,6)	20.0	-82.2	7.6	-1.9	0.9	0.9	112.2	25.7
(PLNS, 5,100,V,V,AH,9)	20.0	-82.8	7.6	-1.8	0.9	0.9	112.9	26.4
(PLNS, 5,100,H,V, P,3)	20.0	-96.2	9.6	-11.8	0.9	0.9	118.3	31.7
(PLNS, 5,100,H,V, P,6)	20.0	-99.9	9.6	-11.3	0.9	0.9	122.5	35.9
(PLNS, 5,100,H,V, P,9)	20.0	-96.2	9.6	-15.5	0.9	0.9	114.6	28.0
(PLNS, 5,100,H,V,AV,3)	20.0	-96.2	9.6	-11.8	0.9	0.9	118.3	31.7
(PLNS, 5,100,H,V,AV,6)	20.0	-99.9	9.6	-11.3	0.9	0.9	122.5	35.9
(PLNS, 5,100,H,V,AV,9)	20.0	-96.2	9.6	-15.5	0.9	0.9	114.6	28.0
(PLNS, 5,100,H,V,AH,3)	20.0	-95.3	9.6	-11.8	0.9	0.9	117.4	30.8
(PLNS, 5,100,H,V,AH,6)	20.0	-90.6	9.6	-11.3	0.9	0.9	113.2	26.6
(PLNS, 5,100,H,V,AH,9)	20.0	-93.2	9.6	-15.5	0.9	0.9	111.6	25.1
(PLNS, 5,100,V,H, P,3)	20.0	-98.1	7.6	-17.6	0.9	0.9	112.4	25.9
(PLNS, 5,100,V,H, P,6)	20.0	-92.7	7.6	-18.2	0.9	0.9	106.4	19.9
(PLNS, 5,100,V,H, P,9)	20.0	-94.0	7.6	-17.2	0.9	0.9	108.7	22.1
(PLNS, 5,100,V,H,AV,3)	20.0	-98.1	7.6	-17.6	0.9	0.9	112.4	25.9
(PLNS, 5,100,V,H,AV,6)	20.0	-92.7	7.6	-18.2	0.9	0.9	106.4	19.9
(PLNS, 5,100,V,H,AV,9)	20.0	-94.0	7.6	-17.2	0.9	0.9	108.7	22.1
(PLNS, 5,100,V,H,AH,3)	20.0	-91.9	7.6	-17.6	0.9	0.9	106.2	19.7
(PLNS, 5,100,V,H,AH,6)	20.0	-98.9	7.6	-18.2	0.9	0.9	112.6	26.1
(PLNS, 5,100,V,H,AH,9)	20.0	-85.2	7.6	-17.2	0.9	0.9	99.9	13.3
(PLNS, 5,100,H,H, P,3)	20.0	-106.9	9.6	1.1	0.9	0.9	141.9	55.4
(PLNS, 5,100,H,H, P,6)	20.0	-91.8	9.6	1.6	0.9	0.9	127.3	40.8
(PLNS, 5,100,H,H, P,9)	20.0	-89.6	9.6	1.1	0.9	0.9	124.6	38.0
(PLNS, 5,100,H,H,AV,3)	20.0	-106.9	9.6	1.1	0.9	0.9	141.9	55.4
(PLNS, 5,100,H,H,AV,6)	20.0	-91.8	9.6	1.6	0.9	0.9	127.3	40.8
(PLNS, 5,100,H,H,AV,9)	20.0	-89.6	9.6	1.1	0.9	0.9	124.6	38.0
(PLNS, 5,100,H,H,AH,3)	20.0	-88.9	9.6	1.1	0.9	0.9	123.9	37.3
(PLNS, 5,100,H,H,AH,6)	20.0	-86.4	9.6	1.6	0.9	0.9	121.9	35.3
(PLNS, 5,100,H,H,AH,9)	20.0	-86.4	9.6	1.1	0.9	0.9	121.4	34.8
(KLIR, 41,100,H,H, P,3)	42.2	-98.6		-1.7		0.9	144.3	39.6
(KLIR, 41,100,H,H, P,6)	42.2	-100.3		1.4		0.9	149.1	44.4
(KLIR, 41,100,H,H, P,9)	42.2	-101.3		1.0		0.9	149.7	45.0
(KLIR, 41,100,H,H,AV,3)	42.2	-98.6		-1.7		0.9	144.3	39.6
(KLIR, 41,100,H,H,AV,6)	42.2	-100.3		1.4		0.9	149.1	44.4
(KLIR, 41,100,H,H,AV,9)	42.2	-101.3		1.0		0.9	149.7	45.0
(KLIR, 41,100,H,H,AH,3)	42.2	-98.2		-1.7		0.9	143.9	39.2
(KLIR, 41,100,H,H,AH,6)	42.2	-99.2		1.4		0.9	148.0	43.2
(KLIR, 41,100,H,H,AH,9)	42.2	-98.7		1.0		0.9	147.1	42.4

COLORADO PLAINS B= 5KM SITE 16

DATE 05-05-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 5, 20,V,V, P,3)	23.0	-92.9	-3.7	-2.1	0.1	-0.0	110.0	37.6
(PLNS, 5, 20,V,V,AV,3)	23.0	-92.9	-3.7	-2.1	0.1	-0.0	110.0	37.6
(PLNS, 5, 20,V,V,AH,3)	23.0	-92.9	-3.7	-2.1	0.1	-0.0	110.0	37.6
(PLNS, 5, 50,V,V, P,1)	16.8	-112.8	0.2	5.5	1.2	0.2	133.9	53.5
(PLNS, 5, 50,V,V, P,3)	16.8	-112.8	0.2	-0.5	1.2	0.2	127.9	47.5
(PLNS, 5, 50,V,V,AV,1)	16.8	-109.1	0.2	5.5	1.2	0.2	130.2	49.8
(PLNS, 5, 50,V,V,AV,3)	16.8	-109.1	0.2	-0.5	1.2	0.2	124.2	43.8
(PLNS, 5, 50,V,V,AH,1)	16.8	-112.8	0.2	5.5	1.2	0.2	133.9	53.5
(PLNS, 5, 50,V,V,AH,3)	16.8	-112.8	0.2	-0.5	1.2	0.2	127.9	47.5



COLORADO PLAINS B= 5KM SITE 16

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
03-30-64	24.69	CLEAR	0%	45.0	62.5

OPEN GRAZING LAND ON HIGHWAY 7.

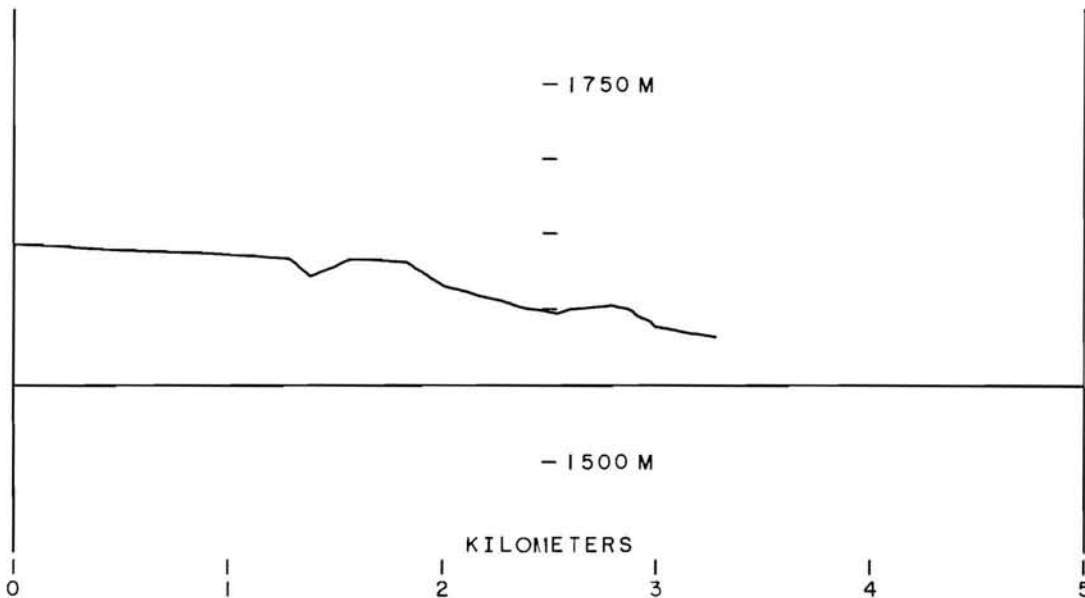
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 5,100,V,V, P,3)	20.0	-94.1	7.6	-3.9	0.9	0.9	122.1	35.5
(PLNS, 5,100,V,V, P,6)	20.0	-89.4	7.6	-2.3	0.9	0.9	119.0	32.5
(PLNS, 5,100,V,V, P,9)	20.0	-85.0	7.6	-2.2	0.9	0.9	114.7	28.1
(PLNS, 5,100,V,V,AV,3)	20.0	-81.4	7.6	-3.9	0.9	0.9	109.4	22.9
(PLNS, 5,100,V,V,AV,6)	20.0	-78.8	7.6	-2.3	0.9	0.9	108.4	21.9
(PLNS, 5,100,V,V,AV,9)	20.0	-80.2	7.6	-2.2	0.9	0.9	109.9	23.4
(PLNS, 5,100,V,V,AH,3)	20.0	-94.1	7.6	-3.9	0.9	0.9	122.1	35.5
(PLNS, 5,100,V,V,AH,6)	20.0	-89.4	7.6	-2.3	0.9	0.9	119.0	32.5
(PLNS, 5,100,V,V,AH,9)	20.0	-85.0	7.6	-2.2	0.9	0.9	114.7	28.1
(PLNS, 5,100,H,V, P,3)	20.0	-105.4	9.6	-24.0	0.9	0.9	115.3	28.8
(PLNS, 5,100,H,V, P,6)	20.0	-100.7	9.6	-22.5	0.9	0.9	112.1	25.6
(PLNS, 5,100,H,V, P,9)	20.0	-97.0	9.6	-20.3	0.9	0.9	110.6	24.1
(PLNS, 5,100,H,V,AV,3)	20.0	-97.9	9.6	-24.0	0.9	0.9	107.8	21.3
(PLNS, 5,100,H,V,AV,6)	20.0	-100.0	9.6	-22.5	0.9	0.9	111.4	24.8
(PLNS, 5,100,H,V,AV,9)	20.0	-97.9	9.6	-20.3	0.9	0.9	111.5	25.0
(PLNS, 5,100,H,V,AH,3)	20.0	-105.4	9.6	-24.0	0.9	0.9	115.3	28.8
(PLNS, 5,100,H,V,AH,6)	20.0	-100.7	9.6	-22.5	0.9	0.9	112.1	25.6
(PLNS, 5,100,H,V,AH,9)	20.0	-97.0	9.6	-20.3	0.9	0.9	110.6	24.1
(PLNS, 5,100,V,H, P,3)	20.0	-97.4	7.6	-18.4	0.9	0.9	110.9	24.4
(PLNS, 5,100,V,H, P,6)	20.0	-90.2	7.6	-15.7	0.9	0.9	106.4	19.8
(PLNS, 5,100,V,H, P,9)	20.0	-89.2	7.6	-16.0	0.9	0.9	105.1	18.6
(PLNS, 5,100,V,H,AV,3)	20.0	-92.0	7.6	-18.4	0.9	0.9	105.5	19.0
(PLNS, 5,100,V,H,AV,6)	20.0	-89.4	7.6	-15.7	0.9	0.9	105.6	19.1
(PLNS, 5,100,V,H,AV,9)	20.0	-89.0	7.6	-16.0	0.9	0.9	104.9	18.4
(PLNS, 5,100,V,H,AH,3)	20.0	-97.4	7.6	-18.4	0.9	0.9	110.9	24.4
(PLNS, 5,100,V,H,AH,6)	20.0	-90.2	7.6	-15.7	0.9	0.9	106.4	19.8
(PLNS, 5,100,V,H,AH,9)	20.0	-89.2	7.6	-16.0	0.9	0.9	105.1	18.6
(PLNS, 5,100,H,H, P,3)	20.0	-87.2	9.6	-0.3	0.9	0.9	120.8	34.2
(PLNS, 5,100,H,H, P,6)	20.0	-81.7	9.6	1.2	0.9	0.9	116.8	30.3
(PLNS, 5,100,H,H, P,9)	20.0	-78.9	9.6	0.7	0.9	0.9	113.5	27.0
(PLNS, 5,100,H,H,AV,3)	20.0	-90.0	9.6	-0.3	0.9	0.9	123.6	37.0
(PLNS, 5,100,H,H,AV,6)	20.0	-85.4	9.6	1.2	0.9	0.9	120.5	34.0
(PLNS, 5,100,H,H,AV,9)	20.0	-83.0	9.6	0.7	0.9	0.9	117.6	31.1
(PLNS, 5,100,H,H,AH,3)	20.0	-87.2	9.6	-0.3	0.9	0.9	120.8	34.2
(PLNS, 5,100,H,H,AH,6)	20.0	-81.7	9.6	1.2	0.9	0.9	116.8	30.3
(PLNS, 5,100,H,H,AH,9)	20.0	-78.9	9.6	0.7	0.9	0.9	113.5	27.0
(KLIR, 49,100,H,H, P,3)	42.2	-97.2		-0.3		0.9	144.3	38.1
(KLIR, 49,100,H,H, P,6)	42.2	-89.0		1.2		0.9	137.6	31.5
(KLIR, 49,100,H,H, P,9)	42.2	-85.3		0.7		0.9	133.4	27.2
(KLIR, 49,100,H,H,AV,3)	42.2	-92.7		-0.3		0.9	139.8	33.6
(KLIR, 49,100,H,H,AV,6)	42.2	-86.1		1.2		0.9	134.7	28.5
(KLIR, 49,100,H,H,AV,9)	42.2	-83.1		0.7		0.9	131.2	25.0
(KLIR, 49,100,H,H,AH,3)	42.2	-97.2		-0.3		0.9	144.3	38.1
(KLIR, 49,100,H,H,AH,6)	42.2	-89.0		1.2		0.9	137.6	31.5
(KLIR, 49,100,H,H,AH,9)	42.2	-85.3		0.7		0.9	133.4	27.2

COLORADO PLAINS B= 3.30KM SITE 18

DATE 08-14-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS: <5, 20,V,V, P,3)	24.0	-83.9	-0.9	-1.9	0.1	-0.0	105.0	36.2
(PLNS: <5, 20,V,V,AV,3)	24.0	-89.4	-0.9	-4.0	0.1	-0.0	108.4	39.6
(PLNS: <5, 20,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS: <5, 50,V,V, P,1)	24.0	-126.1	0.2	5.6	1.2	0.2	154.5	77.7
(PLNS: <5, 50,V,V, P,3)	24.0	-103.9	0.2	-1.0	1.2	0.2	125.7	48.9
(PLNS: <5, 50,V,V,AV,1)	24.0	-101.2	0.2	2.8	1.2	0.2	126.8	50.0
(PLNS: <5, 50,V,V,AV,3)	24.0	-101.2	0.2	2.4	1.2	0.2	126.4	49.6
(PLNS: <5, 50,V,V,AH,1)	*	*	*	*	*	*	*	*
(PLNS: <5, 50,V,V,AH,3)	*	*	*	*	*	*	*	*

* NO MEASUREMENT ATTEMPTED



COLORADO PLAINS B= 3.30KM SITE 18

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE 08-14-64
 BAROMETRIC PRESSURE 24.82
 CLOUD TYPE LI
 COVER PERCENT 20%
 ASSMAN WET 74.3 DRY 59.2

SITE ON UPSTREAM END OF BOULDER RESERVOIR, 12FT PHONE LINE ON RIGHT SIDE OF ROAD. HORIZON IS HILL 1/2MI WITH TREES JUST BEYOND.

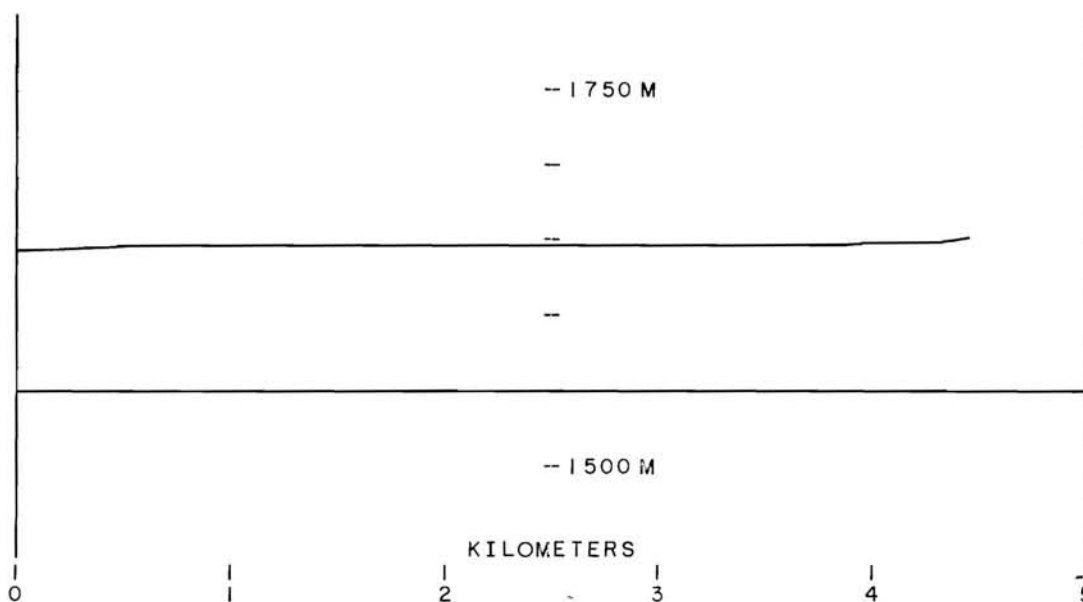
(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	20.0	-91.9	7.6	-3.1	0.9	0.9	120.7	37.8
(PLNS, <5,100,V,V, P,6)	20.0	-89.2	7.6	-2.2	0.9	0.9	118.9	36.0
(PLNS, <5,100,V,V, P,9)	20.0	-86.8	7.6	-2.1	0.9	0.9	116.6	33.6
(PLNS, <5,100,V,V,AV,3)	20.0	-87.6	7.6	-2.2	0.9	0.9	117.3	34.4
(PLNS, <5,100,V,V,AV,6)	20.0	-85.6	7.6	-2.4	0.9	0.9	115.1	32.2
(PLNS, <5,100,V,V,AV,9)	20.0	-83.9	7.6	-2.1	0.9	0.9	113.7	30.8
(PLNS, <5,100,V,V,AH,3)	20.0	-87.6	7.6	-2.2	0.9	0.9	117.3	34.4
(PLNS, <5,100,V,V,AH,6)	20.0	-85.6	7.6	-2.4	0.9	0.9	115.1	32.2
(PLNS, <5,100,V,V,AH,9)	20.0	-83.9	7.6	-2.1	0.9	0.9	113.7	30.8
(PLNS, <5,100,H,V, P,3)	20.0	-109.8	9.6	-18.5	0.9	0.9	125.2	42.2
(PLNS, <5,100,H,V, P,6)	20.0	-109.8	9.6	-17.6	0.9	0.9	126.1	43.1
(PLNS, <5,100,H,V, P,9)	20.0	**	9.6	-17.6	0.9	0.9	**	**
(PLNS, <5,100,H,V,AV,3)	20.0	-100.3	9.6	-12.8	0.9	0.9	121.4	38.5
(PLNS, <5,100,H,V,AV,6)	20.0	-98.9	9.6	-14.0	0.9	0.9	118.8	35.9
(PLNS, <5,100,H,V,AV,9)	20.0	-98.9	9.6	-19.5	0.9	0.9	113.3	30.4
(PLNS, <5,100,H,V,AH,3)	20.0	-100.3	9.6	-12.8	0.9	0.9	121.4	38.5
(PLNS, <5,100,H,V,AH,6)	20.0	-98.9	9.6	-14.0	0.9	0.9	118.8	35.9
(PLNS, <5,100,H,V,AH,9)	20.0	-98.9	9.6	-19.5	0.9	0.9	113.3	30.4
(PLNS, <5,100,V,H, P,3)	20.0	-102.2	7.6	-19.8	0.9	0.9	114.3	31.4
(PLNS, <5,100,V,H, P,6)	20.0	-95.6	7.6	-15.5	0.9	0.9	112.0	29.0
(PLNS, <5,100,V,H, P,9)	20.0	-94.4	7.6	-15.6	0.9	0.9	110.7	27.8
(PLNS, <5,100,V,H,AV,3)	20.0	-98.9	7.6	-17.6	0.9	0.9	113.2	30.3
(PLNS, <5,100,V,H,AV,6)	20.0	-92.9	7.6	-18.3	0.9	0.9	106.5	23.6
(PLNS, <5,100,V,H,AV,9)	20.0	-91.7	7.6	-17.0	0.9	0.9	106.6	23.6
(PLNS, <5,100,V,H,AH,3)	20.0	-98.9	7.6	-17.6	0.9	0.9	113.2	30.3
(PLNS, <5,100,V,H,AH,6)	20.0	-92.9	7.6	-18.3	0.9	0.9	106.5	23.6
(PLNS, <5,100,V,H,AH,9)	20.0	-91.7	7.6	-17.0	0.9	0.9	106.6	23.6
(PLNS, <5,100,H,H, P,3)	20.0	-91.8	9.6	-0.4	0.9	0.9	125.3	42.3
(PLNS, <5,100,H,H, P,6)	20.0	-86.1	9.6	1.0	0.9	0.9	121.0	38.1
(PLNS, <5,100,H,H, P,9)	20.0	-84.5	9.6	1.6	0.9	0.9	120.0	37.1
(PLNS, <5,100,H,H,AV,3)	20.0	-86.4	9.6	0.7	0.9	0.9	121.0	38.1
(PLNS, <5,100,H,H,AV,6)	20.0	-82.2	9.6	1.3	0.9	0.9	117.4	34.5
(PLNS, <5,100,H,H,AV,9)	20.0	-80.9	9.6	1.0	0.9	0.9	115.8	32.9
(PLNS, <5,100,H,H,AH,3)	20.0	-86.4	9.6	0.7	0.9	0.9	121.0	38.1
(PLNS, <5,100,H,H,AH,6)	20.0	-82.2	9.6	1.3	0.9	0.9	117.4	34.5
(PLNS, <5,100,H,H,AH,9)	20.0	-80.9	9.6	1.0	0.9	0.9	115.8	32.9
(KLIR, 45,100,H,H, P,3)	42.2	-94.4		1.2		0.9	143.0	37.5
(KLIR, 45,100,H,H, P,6)	42.2	-91.0		1.6		0.9	140.0	34.5
(KLIR, 45,100,H,H, P,9)	42.2	-88.7		1.2		0.9	137.3	31.8
(KLIR, 45,100,H,H,AV,3)	42.2	-97.0		1.2		0.9	145.6	40.1
(KLIR, 45,100,H,H,AV,6)	42.2	-91.7		1.3		0.9	140.4	34.8
(KLIR, 45,100,H,H,AV,9)	42.2	-87.0		1.0		0.9	135.4	29.9
(KLIR, 45,100,H,H,AH,3)	42.2	-97.0		1.2		0.9	145.6	40.1
(KLIR, 45,100,H,H,AH,6)	42.2	-91.7		1.3		0.9	140.4	34.8
(KLIR, 45,100,H,H,AH,9)	42.2	-87.0		1.0		0.9	135.4	29.9

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 4.55KM SITE 19

DATE 11-17-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5, 20,V,V, P,3)	24.0	-93.8	-3.4	-3.3	0.1	-0.0	111.0	39.4
(PLNS, <5, 20,V,V,AV,3)	24.0	-92.0	-3.4	-3.0	0.1	-0.0	109.5	37.9
(PLNS, <5, 20,V,V,AH,3)	24.0	-94.0	-3.4	-0.7	0.1	-0.0	113.8	42.2
(PLNS, <5, 50,V,V, P,1)	24.0	-102.9	-2.2	0.0	1.2	0.2	123.3	43.7
(PLNS, <5, 50,V,V, P,3)	24.0	-96.9	-2.2	-0.8	1.2	0.2	116.5	36.9
(PLNS, <5, 50,V,V,AV,1)	24.0	-97.0	-2.2	0.6	1.2	0.2	118.0	38.4
(PLNS, <5, 50,V,V,AV,3)	24.0	-98.2	-2.2	-1.0	1.2	0.2	117.6	38.0
(PLNS, <5, 50,V,V,AH,1)	24.0	-98.0	-2.2	0.7	1.2	0.2	119.1	39.5
(PLNS, <5, 50,V,V,AH,3)	24.0	-91.5	-2.2	-4.8	1.2	0.2	107.1	27.5



COLORADO PLAINS B= 4.55KM SITE 19

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
10-01-64	24.30	H1	15%	53.0	84.9

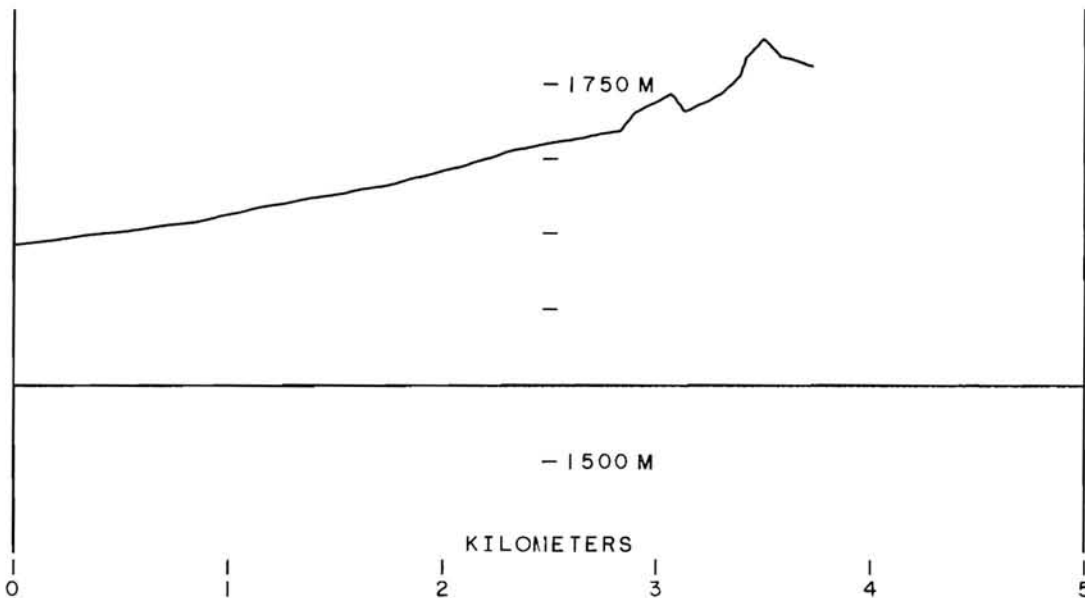
SITE IS IN CITY, 60FT TREES ACROSS ROAD ON PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	-7.0	-111.0	7.6	-0.4	0.9	0.9	115.5	29.8
(PLNS, <5,100,V,V, P,6)	-7.0	-105.9	7.6	-2.0	0.9	0.9	108.8	23.1
(PLNS, <5,100,V,V, P,9)	-7.0	-108.1	7.6	1.2	0.9	0.9	114.2	28.5
(PLNS, <5,100,V,V,AV,3)	-7.0	-102.2	7.6	0.6	0.9	0.9	107.7	22.0
(PLNS, <5,100,V,V,AV,6)	-7.0	-101.0	7.6	-1.6	0.9	0.9	104.3	18.6
(PLNS, <5,100,V,V,AV,9)	-7.0	-113.5	7.6	-1.1	0.9	0.9	117.3	31.6
(PLNS, <5,100,V,V,AH,3)	-7.0	-103.7	7.6	2.8	0.9	0.9	111.5	25.7
(PLNS, <5,100,V,V,AH,6)	-7.0	-105.0	7.6	0.0	0.9	0.9	109.9	24.2
(PLNS, <5,100,V,V,AH,9)	-7.0	-119.3	7.6	-0.9	0.9	0.9	123.3	37.6
(PLNS, <5,100,H,V, P,3)	-7.0	-124.1	9.6	-21.3	0.9	0.9	109.7	24.0
(PLNS, <5,100,H,V, P,6)	-7.0	-124.1	9.6	-17.5	0.9	0.9	113.5	27.8
(PLNS, <5,100,H,V, P,9)	-7.0	-126.9	9.6	-14.5	0.9	0.9	119.3	33.6
(PLNS, <5,100,H,V,AV,3)	-7.0	-122.4	9.6	-21.1	0.9	0.9	108.2	22.5
(PLNS, <5,100,H,V,AV,6)	-7.0	-123.7	9.6	-14.9	0.9	0.9	115.8	30.0
(PLNS, <5,100,H,V,AV,9)	-7.0	-121.7	9.6	-17.7	0.9	0.9	110.9	25.2
(PLNS, <5,100,H,V,AH,3)	-7.0	-113.5	9.6	-22.0	0.9	0.9	98.4	12.7
(PLNS, <5,100,H,V,AH,6)	-7.0	-113.5	9.6	-20.0	0.9	0.9	100.4	14.7
(PLNS, <5,100,H,V,AH,9)	-7.0	-111.9	9.6	-23.8	0.9	0.9	95.0	9.3
(PLNS, <5,100,V,H, P,3)	-7.0	-114.4	7.6	-19.8	0.9	0.9	99.5	13.8
(PLNS, <5,100,V,H, P,6)	-7.0	-116.2	7.6	-17.0	0.9	0.9	104.1	18.4
(PLNS, <5,100,V,H, P,9)	-7.0	-124.7	7.6	-18.5	0.9	0.9	111.2	25.4
(PLNS, <5,100,V,H,AV,3)	-7.0	-115.1	7.6	-21.0	0.9	0.9	99.0	13.3
(PLNS, <5,100,V,H,AV,6)	-7.0	-112.4	7.6	-18.3	0.9	0.9	99.0	13.3
(PLNS, <5,100,V,H,AV,9)	-7.0	-116.6	7.6	-18.9	0.9	0.9	102.6	16.9
(PLNS, <5,100,V,H,AH,3)	-7.0	-107.5	7.6	-24.0	0.9	0.9	88.4	2.7
(PLNS, <5,100,V,H,AH,6)	-7.0	-106.9	7.6	-17.7	0.9	0.9	94.1	8.4
(PLNS, <5,100,V,H,AH,9)	-7.0	-113.5	7.6	-17.7	0.9	0.9	100.7	15.0
(PLNS, <5,100,H,H, P,3)	-7.0	-120.0	9.6	-0.4	0.9	0.9	126.5	40.8
(PLNS, <5,100,H,H, P,6)	-7.0	-115.8	9.6	0.8	0.9	0.9	123.5	37.8
(PLNS, <5,100,H,H, P,9)	-7.0	-111.2	9.6	1.2	0.9	0.9	119.3	33.6
(PLNS, <5,100,H,H,AV,3)	-7.0	-118.1	9.6	-0.1	0.9	0.9	124.9	39.2
(PLNS, <5,100,H,H,AV,6)	-7.0	-105.6	9.6	0.8	0.9	0.9	113.3	27.6
(PLNS, <5,100,H,H,AV,9)	-7.0	-103.9	9.6	1.2	0.9	0.9	112.0	26.3
(PLNS, <5,100,H,H,AH,3)	-7.0	-104.7	9.6	0.6	0.9	0.9	112.3	26.5
(PLNS, <5,100,H,H,AH,6)	-7.0	-104.3	9.6	1.1	0.9	0.9	112.3	26.6
(PLNS, <5,100,H,H,AH,9)	-7.0	-109.0	9.6	0.7	0.9	0.9	116.7	30.9
(KLIR, 42,100,H,H, P,3)	42.2	-92.4		1.2		0.9	141.0	36.1
(KLIR, 42,100,H,H, P,6)	42.2	-94.1		1.6		0.9	143.1	38.2
(KLIR, 42,100,H,H, P,9)	42.2	-89.4		1.3		0.9	138.1	33.2
(KLIR, 42,100,H,H,AV,3)	42.2	-98.4		1.1		0.9	146.9	42.0
(KLIR, 42,100,H,H,AV,6)	42.2	-92.4		1.6		0.9	141.4	36.5
(KLIR, 42,100,H,H,AV,9)	42.2	-90.2		1.1		0.9	138.7	33.8
(KLIR, 42,100,H,H,AH,3)	42.2	-102.4		1.0		0.9	150.8	45.9
(KLIR, 42,100,H,H,AH,6)	42.2	-92.7		1.3		0.9	141.4	36.5
(KLIR, 42,100,H,H,AH,9)	42.2	-89.2		1.3		0.9	137.9	33.0

COLORADO PLAINS B= 3.80KM SITE 20

DATE 11-17-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5, 20,V,V, P,3)	24.0	-94.2	-2.3	-1.8	0.1	-0.0	114.0	43.9
(PLNS, <5, 20,V,V,AV,3)	24.0	-93.6	-2.3	-1.8	0.1	-0.0	113.4	43.3
(PLNS, <5, 20,V,V,AH,3)	24.0	-91.7	-2.3	-1.8	0.1	-0.0	111.5	41.4
(PLNS, <5, 50,V,V, P,1)	24.0	-99.2	-0.2	0.8	1.2	0.2	122.4	44.3
(PLNS, <5, 50,V,V, P,3)	24.0	-104.8	-0.2	-1.8	1.2	0.2	125.4	47.3
(PLNS, <5, 50,V,V,AV,1)	24.0	-99.8	-0.2	0.8	1.2	0.2	123.0	44.9
(PLNS, <5, 50,V,V,AV,3)	24.0	-96.3	-0.2	-1.8	1.2	0.2	116.9	38.8
(PLNS, <5, 50,V,V,AH,1)	24.0	-95.2	-0.2	0.8	1.2	0.2	118.4	40.3
(PLNS, <5, 50,V,V,AH,3)	24.0	-110.5	-0.2	-1.8	1.2	0.2	131.1	53.0



COLORADO PLAINS B= 3.80KM SITE 20

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-30-64	24.39	L1,H1	25%	51.2	79.8

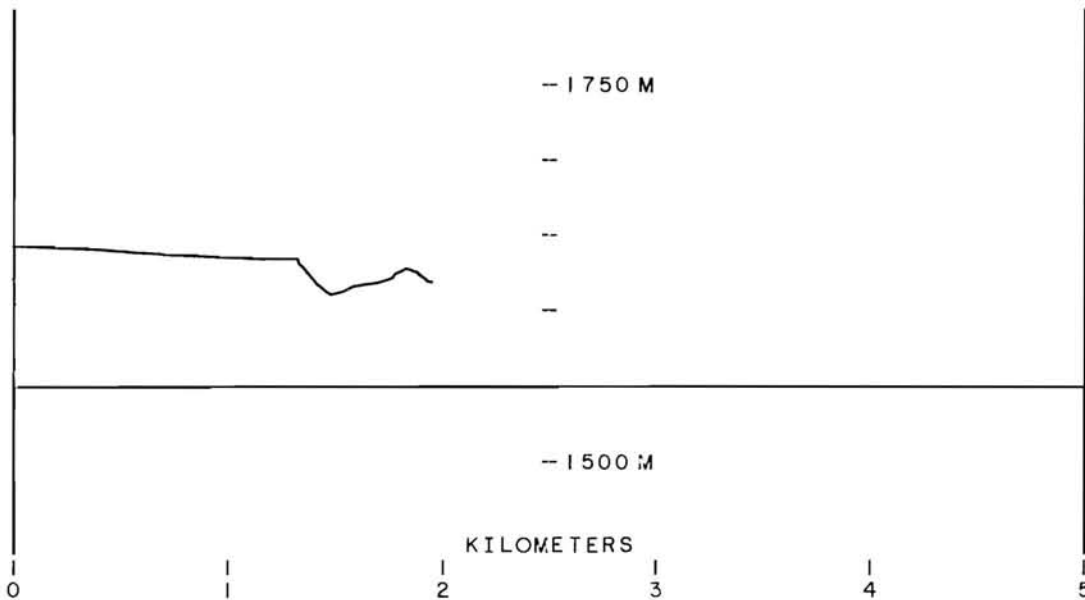
SITE IS UP VALLEY WITH 2 NARROW OPENINGS TOWARD TRANSMITTER. POWER LINE CROSSES ROAD ON PATH AT 150YDS.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	-7.0	-123.2	7.6	2.7	0.9	0.9	130.8	46.7
(PLNS, <5,100,V,V, P,6)	-7.0	-123.9	7.6	-0.3	0.9	0.9	128.5	44.4
(PLNS, <5,100,V,V, P,9)	-7.0	-121.4	7.6	-0.9	0.9	0.9	125.4	41.3
(PLNS, <5,100,V,V,AV,3)	-7.0	-114.7	7.6	2.7	0.9	0.9	122.3	38.2
(PLNS, <5,100,V,V,AV,6)	-7.0	-129.0	7.6	-0.3	0.9	0.9	133.7	49.5
(PLNS, <5,100,V,V,AV,9)	-7.0	-131.2	7.6	-0.9	0.9	0.9	135.2	51.1
(PLNS, <5,100,V,V,AH,3)	-7.0	-116.6	7.6	2.7	0.9	0.9	124.2	40.0
(PLNS, <5,100,V,V,AH,6)	-7.0	-116.6	7.6	-0.3	0.9	0.9	121.2	37.0
(PLNS, <5,100,V,V,AH,9)	-7.0	-114.1	7.6	-0.9	0.9	0.9	118.1	33.9
(PLNS, <5,100,H,V, P,3)	-7.0	-137.9	9.6	-22.3	0.9	0.9	122.5	38.4
(PLNS, <5,100,H,V, P,6)	-7.0	-136.6	9.6	-18.3	0.9	0.9	125.2	41.0
(PLNS, <5,100,H,V, P,9)	-7.0	-136.6	9.6	-22.3	0.9	0.9	121.2	37.0
(PLNS, <5,100,H,V,AV,3)	-7.0	-143.9	9.6	-22.3	0.9	0.9	128.5	44.4
(PLNS, <5,100,H,V,AV,6)	-7.0	-138.9	9.6	-18.3	0.9	0.9	127.5	43.4
(PLNS, <5,100,H,V,AV,9)	-7.0	-138.9	9.6	-22.3	0.9	0.9	123.5	39.4
(PLNS, <5,100,H,V,AH,3)	-7.0	-136.2	9.6	-22.3	0.9	0.9	120.8	36.6
(PLNS, <5,100,H,V,AH,6)	-7.0	-135.1	9.6	-18.3	0.9	0.9	123.7	39.5
(PLNS, <5,100,H,V,AH,9)	-7.0	-140.7	9.6	-22.3	0.9	0.9	125.4	41.2
(PLNS, <5,100,V,H, P,3)	-7.0	-138.9	7.6	-23.9	0.9	0.9	119.9	35.8
(PLNS, <5,100,V,H, P,6)	-7.0	-132.9	7.6	-19.8	0.9	0.9	118.0	33.9
(PLNS, <5,100,V,H, P,9)	-7.0	-129.0	7.6	-19.2	0.9	0.9	114.8	30.6
(PLNS, <5,100,V,H,AV,3)	-7.0	-127.5	7.6	-23.9	0.9	0.9	108.5	24.3
(PLNS, <5,100,V,H,AV,6)	-7.0	-123.9	7.6	-19.8	0.9	0.9	109.0	24.9
(PLNS, <5,100,V,H,AV,9)	-7.0	-126.1	7.6	-19.2	0.9	0.9	111.8	27.7
(PLNS, <5,100,V,H,AH,3)	-7.0	-132.4	7.6	-23.9	0.9	0.9	113.4	29.3
(PLNS, <5,100,V,H,AH,6)	-7.0	-130.6	7.6	-19.8	0.9	0.9	115.7	31.5
(PLNS, <5,100,V,H,AH,9)	-7.0	-126.1	7.6	-19.2	0.9	0.9	111.8	27.7
(PLNS, <5,100,H,H, P,3)	-7.0	-133.8	9.6	0.4	0.9	0.9	141.1	56.9
(PLNS, <5,100,H,H, P,6)	-7.0	-128.1	9.6	1.1	0.9	0.9	136.1	51.9
(PLNS, <5,100,H,H, P,9)	-7.0	-125.9	9.6	0.7	0.9	0.9	133.5	49.3
(PLNS, <5,100,H,H,AV,3)	-7.0	-137.0	9.6	0.4	0.9	0.9	144.3	60.2
(PLNS, <5,100,H,H,AV,6)	-7.0	-135.1	9.6	1.1	0.9	0.9	143.1	58.9
(PLNS, <5,100,H,H,AV,9)	-7.0	-131.0	9.6	0.7	0.9	0.9	138.6	54.4
(PLNS, <5,100,H,H,AH,3)	-7.0	-122.7	9.6	0.4	0.9	0.9	130.0	45.8
(PLNS, <5,100,H,H,AH,6)	-7.0	-125.2	9.6	1.1	0.9	0.9	133.2	49.0
(PLNS, <5,100,H,H,AH,9)	-7.0	-135.6	9.6	0.7	0.9	0.9	143.2	59.0
(KLIR, 47,100,H,H, P,3)	42.2	-101.7		-1.8		0.9	147.3	41.5
(KLIR, 47,100,H,H, P,6)	42.2	-97.9		1.6		0.9	146.9	41.1
(KLIR, 47,100,H,H, P,9)	42.2	-94.3		1.1		0.9	142.8	37.0
(KLIR, 47,100,H,H,AV,3)	42.2	-97.0		-1.8		0.9	142.6	36.8
(KLIR, 47,100,H,H,AV,6)	42.2	-102.5		1.6		0.9	151.5	45.7
(KLIR, 47,100,H,H,AV,9)	42.2	-97.0		1.1		0.9	145.5	39.7
(KLIR, 47,100,H,H,AH,3)	42.2	-109.8		-1.8		0.9	155.4	49.6
(KLIR, 47,100,H,H,AH,6)	42.2	-98.9		1.6		0.9	147.9	42.1
(KLIR, 47,100,H,H,AH,9)	42.2	-98.1		1.1		0.9	146.6	40.8

COLORADO PLAINS B= 1.98KM SITE 21

DATE 11-17-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5, 20,V,V, P,3)	24.0	-85.2	-1.2	0.1	0.1	-0.0	108.0	43.6
(PLNS, <5, 20,V,V,AV,3)	24.0	-80.1	-1.2	0.1	0.1	-0.0	102.9	38.5
(PLNS, <5, 20,V,V,AH,3)	24.0	-79.5	-1.2	0.1	0.1	-0.0	102.3	37.9
(PLNS, <5, 50,V,V, P,1)	24.0	-100.9	0.2	-1.0	1.2	0.2	122.7	50.3
(PLNS, <5, 50,V,V, P,3)	24.0	-97.9	0.2	-2.5	1.2	0.2	118.2	45.8
(PLNS, <5, 50,V,V,AV,1)	24.0	-88.3	0.2	-1.0	1.2	0.2	110.1	37.7
(PLNS, <5, 50,V,V,AV,3)	24.0	-88.3	0.2	-2.5	1.2	0.2	108.6	36.2
(PLNS, <5, 50,V,V,AH,1)	24.0	-90.9	0.2	-1.0	1.2	0.2	112.7	40.3
(PLNS, <5, 50,V,V,AH,3)	24.0	-89.0	0.2	-2.5	1.2	0.2	109.3	36.9



COLORADO PLAINS B= 1.98KM SITE 21

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
10-01-64	24.53	L1	85%	50.0	73.0

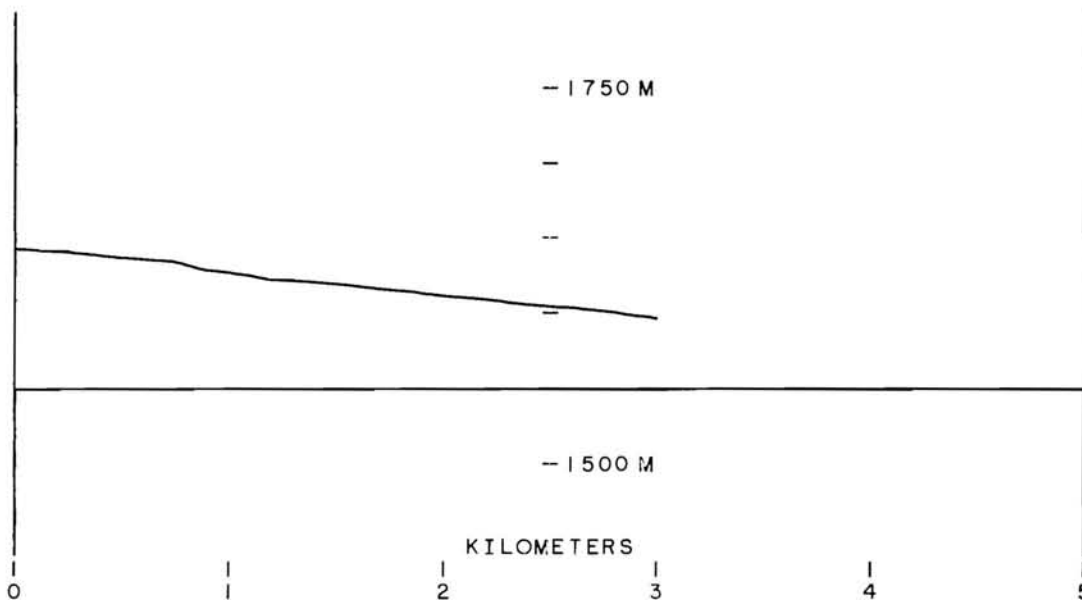
ROLLING HILLS, SCATTERED TREES, 4-WIRE FENCE ON RISE 50FT SOUTH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	-7.0	-111.4	7.6	1.1	0.9	0.9	117.4	39.0
(PLNS, <5,100,V,V, P,6)	-7.0	-106.9	7.6	-0.7	0.9	0.9	111.1	32.6
(PLNS, <5,100,V,V, P,9)	-7.0	-103.0	7.6	-1.3	0.9	0.9	106.6	28.1
(PLNS, <5,100,V,V,AV,3)	-7.0	-101.6	7.6	1.1	0.9	0.9	107.6	29.1
(PLNS, <5,100,V,V,AV,6)	-7.0	-99.3	7.6	-0.7	0.9	0.9	103.5	25.0
(PLNS, <5,100,V,V,AV,9)	-7.0	-95.8	7.6	-1.3	0.9	0.9	99.4	20.9
(PLNS, <5,100,V,V,AH,3)	-7.0	-106.1	7.6	1.1	0.9	0.9	112.1	33.6
(PLNS, <5,100,V,V,AH,6)	-7.0	-101.6	7.6	-0.7	0.9	0.9	105.8	27.3
(PLNS, <5,100,V,V,AH,9)	-7.0	-98.9	7.6	-1.3	0.9	0.9	102.5	24.1
(PLNS, <5,100,H,V, P,3)	-7.0	-129.0	9.6	-19.4	0.9	0.9	116.6	38.1
(PLNS, <5,100,H,V, P,6)	-7.0	-128.4	9.6	-17.2	0.9	0.9	118.1	39.6
(PLNS, <5,100,H,V, P,9)	-7.0	-125.6	9.6	-21.3	0.9	0.9	111.2	32.8
(PLNS, <5,100,H,V,AV,3)	-7.0	-115.8	9.6	-19.4	0.9	0.9	103.3	24.8
(PLNS, <5,100,H,V,AV,6)	-7.0	-117.0	9.6	-17.2	0.9	0.9	106.7	28.2
(PLNS, <5,100,H,V,AV,9)	-7.0	-114.4	9.6	-21.3	0.9	0.9	100.0	21.5
(PLNS, <5,100,H,V,AH,3)	-7.0	-125.0	9.6	-19.4	0.9	0.9	112.5	34.0
(PLNS, <5,100,H,V,AH,6)	-7.0	-129.4	9.6	-17.2	0.9	0.9	119.1	40.6
(PLNS, <5,100,H,V,AH,9)	-7.0	-125.0	9.6	-21.3	0.9	0.9	110.6	32.1
(PLNS, <5,100,V,H, P,3)	-7.0	-124.7	7.6	-23.0	0.9	0.9	106.7	28.2
(PLNS, <5,100,V,H, P,6)	-7.0	-124.7	7.6	-16.3	0.9	0.9	113.4	34.9
(PLNS, <5,100,V,H, P,9)	-7.0	-118.8	7.6	-16.9	0.9	0.9	106.8	28.4
(PLNS, <5,100,V,H,AV,3)	-7.0	-121.6	7.6	-23.0	0.9	0.9	103.5	25.0
(PLNS, <5,100,V,H,AV,6)	-7.0	-118.9	7.6	-16.3	0.9	0.9	107.5	29.1
(PLNS, <5,100,V,H,AV,9)	-7.0	-115.4	7.6	-16.9	0.9	0.9	103.4	24.9
(PLNS, <5,100,V,H,AH,3)	-7.0	-121.0	7.6	-23.0	0.9	0.9	102.9	24.4
(PLNS, <5,100,V,H,AH,6)	-7.0	-114.4	7.6	-16.3	0.9	0.9	103.0	24.5
(PLNS, <5,100,V,H,AH,9)	-7.0	-113.5	7.6	-16.9	0.9	0.9	101.5	23.0
(PLNS, <5,100,H,H, P,3)	-7.0	-113.8	9.6	0.5	0.9	0.9	121.2	42.7
(PLNS, <5,100,H,H, P,6)	-7.0	-107.5	9.6	1.1	0.9	0.9	115.5	37.0
(PLNS, <5,100,H,H, P,9)	-7.0	-102.2	9.6	0.8	0.9	0.9	109.9	31.4
(PLNS, <5,100,H,H,AV,3)	-7.0	-103.9	9.6	0.5	0.9	0.9	111.3	32.9
(PLNS, <5,100,H,H,AV,6)	-7.0	-97.3	9.6	1.1	0.9	0.9	105.3	26.8
(PLNS, <5,100,H,H,AV,9)	-7.0	-94.4	9.6	0.8	0.9	0.9	102.1	23.6
(PLNS, <5,100,H,H,AH,3)	-7.0	-102.8	9.6	0.5	0.9	0.9	110.3	31.8
(PLNS, <5,100,H,H,AH,6)	-7.0	-97.0	9.6	1.1	0.9	0.9	105.0	26.5
(PLNS, <5,100,H,H,AH,9)	-7.0	-93.8	9.6	0.8	0.9	0.9	101.5	23.0
(KLIR, 45,100,H,H, P,3)	42.2	-95.4		-1.5		0.9	141.3	35.9
(KLIR, 45,100,H,H, P,6)	42.2	-91.4		1.4		0.9	140.2	34.8
(KLIR, 45,100,H,H, P,9)	42.2	-89.8		1.0		0.9	138.2	32.7
(KLIR, 45,100,H,H,AV,3)	42.2	-100.1		-1.5		0.9	146.0	40.5
(KLIR, 45,100,H,H,AV,6)	42.2	-93.5		1.4		0.9	142.3	36.8
(KLIR, 45,100,H,H,AV,9)	42.2	-90.4		1.0		0.9	138.8	33.3
(KLIR, 45,100,H,H,AH,3)	42.2	-101.4		-1.5		0.9	147.3	41.9
(KLIR, 45,100,H,H,AH,6)	42.2	-94.4		1.4		0.9	143.2	37.7
(KLIR, 45,100,H,H,AH,9)	42.2	-90.4		1.0		0.9	138.8	33.3

COLORADO PLAINS B= 2.90KM SITE 22

DATE 08-14-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5, 20,V,V, P,3)	24.0	-69.4	-0.9	1.6	0.1	-0.0	94.0	26.3
(PLNS, <5, 20,V,V,AV,3)	24.0	-60.3	-0.9	-1.9	0.1	-0.0	81.4	13.7
(PLNS, <5, 20,V,V,AH,3)	24.0	-70.7	-0.9	-1.9	0.1	-0.0	91.8	24.1
(PLNS, <5, 50,V,V, P,1)	24.0	-92.6	-2.2	-3.7	1.2	0.2	109.3	33.6
(PLNS, <5, 50,V,V, P,3)	24.0	-88.0	-2.2	5.5	1.2	0.2	113.9	38.2
(PLNS, <5, 50,V,V,AV,1)	24.0	-66.8	-2.2	5.6	1.2	0.2	92.8	17.1
(PLNS, <5, 50,V,V,AV,3)	24.0	-67.2	-2.2	-1.0	1.2	0.2	86.6	10.9
(PLNS, <5, 50,V,V,AH,1)	24.0	-71.1	-2.2	5.6	1.2	0.2	97.1	21.4
(PLNS, <5, 50,V,V,AH,3)	24.0	-67.4	-2.2	-1.0	1.2	0.2	86.8	11.1



COLORADO PLAINS B= 2.90KM SITE 22

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-14-64	24.78	L1,H1	70%	70.2	60.8

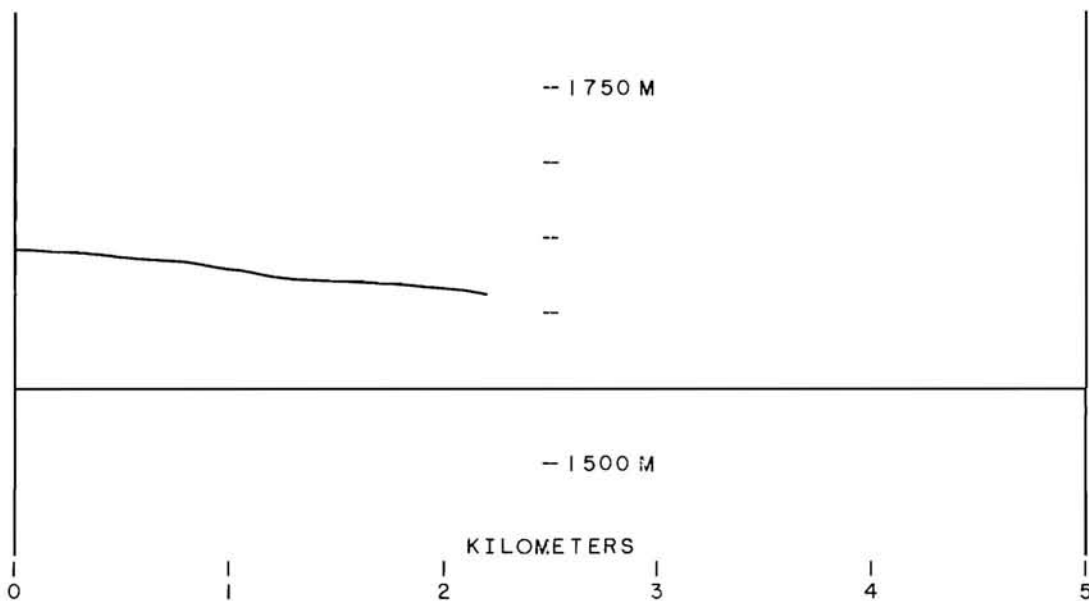
POWER LINE WITH PHONE WIRES 20FT WEST OF TRUCK, RAILROAD TRACKS CROSS PATH DIAGONALLY 300YDS, 50FT TREES IN PATH AT SAME DISTANCE.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	20.0	-87.8	7.6	0.7	0.9	0.9	120.4	38.6
(PLNS, <5,100,V,V, P,6)	20.0	-83.9	7.6	-0.4	0.9	0.9	115.4	33.6
(PLNS, <5,100,V,V, P,9)	20.0	-79.5	7.6	-1.2	0.9	0.9	110.2	28.4
(PLNS, <5,100,V,V,AV,3)	20.0	-86.6	7.6	-3.0	0.9	0.9	115.5	33.7
(PLNS, <5,100,V,V,AV,6)	20.0	-81.9	7.6	-2.0	0.9	0.9	111.8	30.0
(PLNS, <5,100,V,V,AV,9)	20.0	-79.5	7.6	-2.2	0.9	0.9	109.2	27.4
(PLNS, <5,100,V,V,AH,3)	20.0	-87.8	7.6	-3.0	0.9	0.9	116.7	34.9
(PLNS, <5,100,V,V,AH,6)	20.0	-83.0	7.6	-2.0	0.9	0.9	112.9	31.1
(PLNS, <5,100,V,V,AH,9)	20.0	-80.9	7.6	-2.2	0.9	0.9	110.6	28.8
(PLNS, <5,100,H,V, P,3)	20.0	-97.4	9.6	-19.0	0.9	0.9	112.3	30.5
(PLNS, <5,100,H,V, P,6)	20.0	-108.4	9.6	-18.0	0.9	0.9	124.3	42.5
(PLNS, <5,100,H,V, P,9)	20.0	-97.4	9.6	-20.2	0.9	0.9	111.1	29.3
(PLNS, <5,100,H,V,AV,3)	20.0	-94.4	9.6	-18.5	0.9	0.9	109.8	28.0
(PLNS, <5,100,H,V,AV,6)	20.0	-95.4	9.6	-17.2	0.9	0.9	112.1	30.3
(PLNS, <5,100,H,V,AV,9)	20.0	-97.9	9.6	-17.2	0.9	0.9	114.6	32.8
(PLNS, <5,100,H,V,AH,3)	20.0	-94.1	9.6	-18.5	0.9	0.9	109.5	27.7
(PLNS, <5,100,H,V,AH,6)	20.0	-94.9	9.6	-17.2	0.9	0.9	111.6	29.8
(PLNS, <5,100,H,V,AH,9)	20.0	-96.6	9.6	-17.2	0.9	0.9	113.3	31.5
(PLNS, <5,100,V,H, P,3)	20.0	-97.7	7.6	-22.7	0.9	0.9	106.9	25.1
(PLNS, <5,100,V,H, P,6)	20.0	-93.0	7.6	-16.0	0.9	0.9	108.9	27.1
(PLNS, <5,100,V,H, P,9)	20.0	-87.2	7.6	-16.5	0.9	0.9	102.6	20.8
(PLNS, <5,100,V,H,AV,3)	20.0	-97.6	7.6	-19.8	0.9	0.9	109.7	27.9
(PLNS, <5,100,V,H,AV,6)	20.0	-95.3	7.6	-15.4	0.9	0.9	111.8	30.0
(PLNS, <5,100,V,H,AV,9)	20.0	-89.2	7.6	-15.6	0.9	0.9	105.5	23.7
(PLNS, <5,100,V,H,AH,3)	20.0	-95.3	7.6	-19.8	0.9	0.9	107.4	25.6
(PLNS, <5,100,V,H,AH,6)	20.0	-92.9	7.6	-15.4	0.9	0.9	109.4	27.6
(PLNS, <5,100,V,H,AH,9)	20.0	-91.0	7.6	-15.6	0.9	0.9	107.3	25.5
(PLNS, <5,100,H,H, P,3)	20.0	-83.7	9.6	-0.4	0.9	0.9	117.2	35.4
(PLNS, <5,100,H,H, P,6)	20.0	-76.6	9.6	1.4	0.9	0.9	111.9	30.1
(PLNS, <5,100,H,H, P,9)	20.0	-73.5	9.6	1.2	0.9	0.9	108.6	26.8
(PLNS, <5,100,H,H,AV,3)	20.0	-86.9	9.6	-0.4	0.9	0.9	120.4	38.6
(PLNS, <5,100,H,H,AV,6)	20.0	-79.0	9.6	1.6	0.9	0.9	114.5	32.7
(PLNS, <5,100,H,H,AV,9)	20.0	-77.9	9.6	1.0	0.9	0.9	112.8	31.0
(PLNS, <5,100,H,H,AH,3)	20.0	-81.9	9.6	-0.4	0.9	0.9	115.4	33.6
(PLNS, <5,100,H,H,AH,6)	20.0	-81.4	9.6	1.6	0.9	0.9	116.9	35.1
(PLNS, <5,100,H,H,AH,9)	20.0	-80.3	9.6	1.0	0.9	0.9	115.2	33.4
(KLIR, 43,100,H,H, P,3)	42.2	-96.2		-0.4		0.9	143.2	38.0
(KLIR, 43,100,H,H, P,6)	42.2	-91.2		1.2		0.9	139.8	34.6
(KLIR, 43,100,H,H, P,9)	42.2	-89.6		0.9		0.9	137.9	32.7
(KLIR, 43,100,H,H,AV,3)	42.2	-96.8		-0.3		0.9	143.9	38.8
(KLIR, 43,100,H,H,AV,6)	42.2	-93.5		1.2		0.9	142.1	36.9
(KLIR, 43,100,H,H,AV,9)	42.2	-91.8		0.8		0.9	140.0	34.8
(KLIR, 43,100,H,H,AH,3)	42.2	-94.1		-0.3		0.9	141.2	36.0
(KLIR, 43,100,H,H,AH,6)	42.2	-89.4		1.2		0.9	138.0	32.8
(KLIR, 43,100,H,H,AH,9)	42.2	-89.4		0.8		0.9	137.6	32.4

COLORADO PLAINS B= 2.22KM SITE 23

DATE 11-17-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5, 20,V,V, P,3)	24.0	-80.3	-3.4	-3.4	0.1	-0.0	97.4	32.0
(PLNS, <5, 20,V,V,AV,3)	24.0	-80.3	-3.4	-3.4	0.1	-0.0	97.4	32.0
(PLNS, <5, 20,V,V,AH,3)	24.0	-84.5	-3.4	-3.4	0.1	-0.0	101.6	36.2
(PLNS, <5, 50,V,V, P,1)	24.0	-91.0	-2.2	-6.5	1.2	0.2	104.9	31.5
(PLNS, <5, 50,V,V, P,3)	24.0	-82.2	-2.2	-3.0	1.2	0.2	99.6	26.2
(PLNS, <5, 50,V,V,AV,1)	24.0	-99.5	-2.2	-6.5	1.2	0.2	113.4	40.0
(PLNS, <5, 50,V,V,AV,3)	24.0	-86.0	-2.2	-3.0	1.2	0.2	103.4	30.0
(PLNS, <5, 50,V,V,AH,1)	24.0	-91.0	-2.2	-6.5	1.2	0.2	104.9	31.5
(PLNS, <5, 50,V,V,AH,3)	24.0	-87.9	-2.2	-3.0	1.2	0.2	105.3	31.9



COLORADO PLAINS B= 2.22KM SITE 23

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
10-01-64	24.52	L1,H1	90%	50.2	96.0

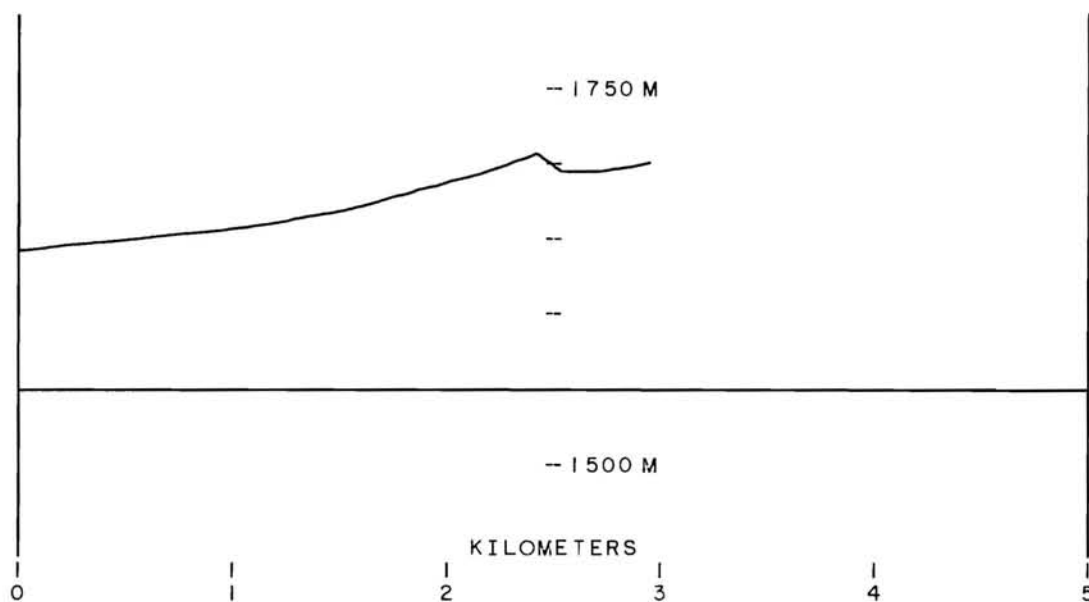
POWER LINE 30FT NORTH ON PATH. TREES AND SCATTERED BUILDINGS ON PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	-7.0	-100.9	7.6	1.5	0.9	0.9	107.3	27.8
(PLNS, <5,100,V,V, P,6)	-7.0	-98.1	7.6	-0.9	0.9	0.9	102.1	22.6
(PLNS, <5,100,V,V, P,9)	-7.0	-95.6	7.6	-1.1	0.9	0.9	99.4	19.9
(PLNS, <5,100,V,V,AV,3)	-7.0	-100.1	7.6	1.5	0.9	0.9	106.5	27.0
(PLNS, <5,100,V,V,AV,6)	-7.0	-97.6	7.6	-0.9	0.9	0.9	101.6	22.2
(PLNS, <5,100,V,V,AV,9)	-7.0	-95.8	7.6	-1.1	0.9	0.9	99.6	20.1
(PLNS, <5,100,V,V,AH,3)	-7.0	-103.0	7.6	1.5	0.9	0.9	109.4	30.0
(PLNS, <5,100,V,V,AH,6)	-7.0	-98.9	7.6	-0.9	0.9	0.9	102.9	23.5
(PLNS, <5,100,V,V,AH,9)	-7.0	-98.2	7.6	-1.1	0.9	0.9	102.0	22.5
(PLNS, <5,100,H,V, P,3)	-7.0	-115.1	9.6	-16.0	0.9	0.9	106.0	26.5
(PLNS, <5,100,H,V, P,6)	-7.0	-114.4	9.6	-14.3	0.9	0.9	107.0	27.5
(PLNS, <5,100,H,V, P,9)	-7.0	-114.1	9.6	-17.0	0.9	0.9	104.0	24.5
(PLNS, <5,100,H,V,AV,3)	-7.0	-113.0	9.6	-16.0	0.9	0.9	103.9	24.5
(PLNS, <5,100,H,V,AV,6)	-7.0	-112.7	9.6	-14.3	0.9	0.9	105.3	25.8
(PLNS, <5,100,H,V,AV,9)	-7.0	-112.7	9.6	-17.0	0.9	0.9	102.6	23.1
(PLNS, <5,100,H,V,AH,3)	-7.0	-123.0	9.6	-16.0	0.9	0.9	113.9	34.5
(PLNS, <5,100,H,V,AH,6)	-7.0	-112.9	9.6	-14.3	0.9	0.9	105.5	26.1
(PLNS, <5,100,H,V,AH,9)	-7.0	-108.4	9.6	-17.0	0.9	0.9	98.3	18.8
(PLNS, <5,100,V,H, P,3)	-7.0	-111.9	7.6	-18.7	0.9	0.9	98.1	18.6
(PLNS, <5,100,V,H, P,6)	-7.0	-111.7	7.6	-17.7	0.9	0.9	98.9	19.4
(PLNS, <5,100,V,H, P,9)	-7.0	-108.4	7.6	-17.8	0.9	0.9	95.5	16.0
(PLNS, <5,100,V,H,AV,3)	-7.0	-114.0	7.6	-18.7	0.9	0.9	100.2	20.7
(PLNS, <5,100,V,H,AV,6)	-7.0	-112.7	7.6	-17.7	0.9	0.9	99.9	20.4
(PLNS, <5,100,V,H,AV,9)	-7.0	-112.3	7.6	-17.8	0.9	0.9	99.4	19.9
(PLNS, <5,100,V,H,AH,3)	-7.0	-114.1	7.6	-18.7	0.9	0.9	100.3	20.8
(PLNS, <5,100,V,H,AH,6)	-7.0	-113.5	7.6	-17.7	0.9	0.9	100.7	21.2
(PLNS, <5,100,V,H,AH,9)	-7.0	-114.1	7.6	-17.8	0.9	0.9	101.2	21.7
(PLNS, <5,100,H,H, P,3)	-7.0	-102.2	9.6	-2.0	0.9	0.9	107.1	27.6
(PLNS, <5,100,H,H, P,6)	-7.0	-98.9	9.6	1.5	0.9	0.9	107.3	27.9
(PLNS, <5,100,H,H, P,9)	-7.0	-94.1	9.6	1.0	0.9	0.9	102.0	22.5
(PLNS, <5,100,H,H,AV,3)	-7.0	-103.6	9.6	-2.0	0.9	0.9	108.5	29.0
(PLNS, <5,100,H,H,AV,6)	-7.0	-98.3	9.6	1.5	0.9	0.9	106.7	27.2
(PLNS, <5,100,H,H,AV,9)	-7.0	-94.6	9.6	1.0	0.9	0.9	102.5	23.0
(PLNS, <5,100,H,H,AH,3)	-7.0	-101.2	9.6	-2.0	0.9	0.9	106.1	26.6
(PLNS, <5,100,H,H,AH,6)	-7.0	-101.4	9.6	1.5	0.9	0.9	109.8	30.4
(PLNS, <5,100,H,H,AH,9)	-7.0	-95.4	9.6	1.0	0.9	0.9	103.3	23.8
(KLIR, 42,100,H,H, P,3)	42.2	-89.0		1.2		0.9	137.6	32.8
(KLIR, 42,100,H,H, P,6)	42.2	-83.2		1.3		0.9	131.9	27.1
(KLIR, 42,100,H,H, P,9)	42.2	-81.7		0.8		0.9	129.9	25.1
(KLIR, 42,100,H,H,AV,3)	42.2	-92.4		1.2		0.9	141.0	36.2
(KLIR, 42,100,H,H,AV,6)	42.2	-89.6		1.3		0.9	138.3	33.4
(KLIR, 42,100,H,H,AV,9)	42.2	-86.4		0.8		0.9	134.6	29.7
(KLIR, 42,100,H,H,AH,3)	42.2	-92.4		1.2		0.9	141.0	36.2
(KLIR, 42,100,H,H,AH,6)	42.2	-88.1		1.3		0.9	136.8	31.9
(KLIR, 42,100,H,H,AH,9)	42.2	-87.5		0.8		0.9	135.7	30.8

COLORADO PLAINS B= 2.98KM SITE 24

DATE 11-17-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5, 20,V,V, P,3)	24.0	-91.0	-2.4	-1.0	0.1	-0.0	111.5	43.5
(PLNS, <5, 20,V,V,AV,3)	24.0	-92.2	-2.4	-1.0	0.1	-0.0	112.7	44.7
(PLNS, <5, 20,V,V,AH,3)	24.0	-91.8	-2.4	-1.0	0.1	-0.0	112.3	44.3
(PLNS, <5, 50,V,V, P,1)	24.0	-95.5	-2.2	-3.0	1.2	0.2	112.9	36.9
(PLNS, <5, 50,V,V, P,3)	24.0	-85.0	-2.2	3.0	1.2	0.2	108.4	32.4
(PLNS, <5, 50,V,V,AV,1)	24.0	-105.8	-2.2	-3.0	1.2	0.2	123.2	47.2
(PLNS, <5, 50,V,V,AV,3)	24.0	-90.2	-2.2	3.0	1.2	0.2	113.6	37.6
(PLNS, <5, 50,V,V,AH,1)	24.0	-93.9	-2.2	-3.0	1.2	0.2	111.3	35.3
(PLNS, <5, 50,V,V,AH,3)	24.0	-89.7	-2.2	3.0	1.2	0.2	113.1	37.1



COLORADO PLAINS B= 2.98KM SITE 24

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
10-01-64	24.25	L1,H1	10%	54.5	83.8

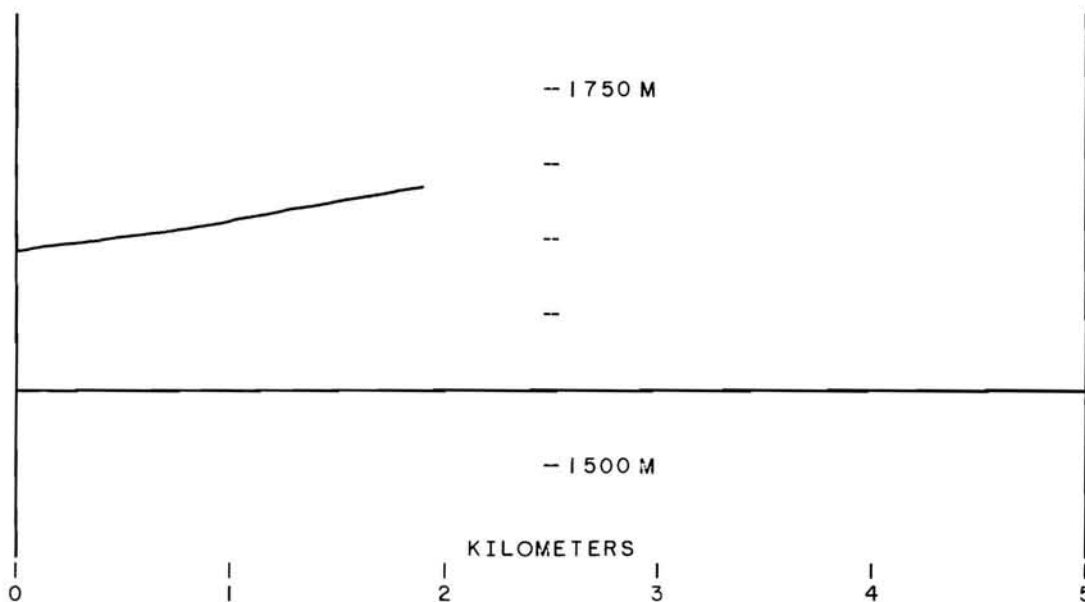
SCATTERED TREES, POWER LINE ON PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	-7.0	-110.2	7.6	-0.3	0.9	0.9	114.8	32.7
(PLNS, <5,100,V,V, P,6)	-7.0	-100.5	7.6	-0.6	0.9	0.9	104.8	22.8
(PLNS, <5,100,V,V, P,9)	-7.0	-97.0	7.6	-1.5	0.9	0.9	100.4	18.4
(PLNS, <5,100,V,V,AV,3)	-7.0	-97.2	7.6	-0.3	0.9	0.9	101.8	19.8
(PLNS, <5,100,V,V,AV,6)	-7.0	-96.8	7.6	-0.6	0.9	0.9	101.1	19.1
(PLNS, <5,100,V,V,AV,9)	-7.0	-98.9	7.6	-1.5	0.9	0.9	102.3	20.3
(PLNS, <5,100,V,V,AH,3)	-7.0	-114.2	7.6	-0.3	0.9	0.9	118.8	36.8
(PLNS, <5,100,V,V,AH,6)	-7.0	-105.6	7.6	-0.6	0.9	0.9	109.9	27.9
(PLNS, <5,100,V,V,AH,9)	-7.0	-106.1	7.6	-1.5	0.9	0.9	109.5	27.5
(PLNS, <5,100,H,V, P,3)	-7.0	-127.5	9.6	-23.9	0.9	0.9	110.5	28.4
(PLNS, <5,100,H,V, P,6)	-7.0	-129.0	9.6	-21.5	0.9	0.9	114.5	32.4
(PLNS, <5,100,H,V, P,9)	-7.0	-131.4	9.6	-23.4	0.9	0.9	114.9	32.9
(PLNS, <5,100,H,V,AV,3)	-7.0	-114.7	9.6	-23.9	0.9	0.9	97.7	15.7
(PLNS, <5,100,H,V,AV,6)	-7.0	-115.4	9.6	-21.5	0.9	0.9	100.8	18.8
(PLNS, <5,100,H,V,AV,9)	-7.0	-117.0	9.6	-23.4	0.9	0.9	100.5	18.5
(PLNS, <5,100,H,V,AH,3)	-7.0	-115.6	9.6	-23.9	0.9	0.9	98.6	16.5
(PLNS, <5,100,H,V,AH,6)	-7.0	-114.1	9.6	-21.5	0.9	0.9	99.5	17.5
(PLNS, <5,100,H,V,AH,9)	-7.0	-117.9	9.6	-23.4	0.9	0.9	101.4	19.4
(PLNS, <5,100,V,H, P,3)	-7.0	-112.9	7.6	-21.7	0.9	0.9	96.1	14.1
(PLNS, <5,100,V,H, P,6)	-7.0	-110.6	7.6	-16.0	0.9	0.9	99.5	17.4
(PLNS, <5,100,V,H, P,9)	-7.0	-109.0	7.6	-16.6	0.9	0.9	97.4	15.3
(PLNS, <5,100,V,H,AV,3)	-7.0	-108.1	7.6	-21.7	0.9	0.9	91.3	9.2
(PLNS, <5,100,V,H,AV,6)	-7.0	-105.2	7.6	-16.0	0.9	0.9	94.1	12.1
(PLNS, <5,100,V,H,AV,9)	-7.0	-103.0	7.6	-16.6	0.9	0.9	91.3	9.3
(PLNS, <5,100,V,H,AH,3)	-7.0	-128.1	7.6	-21.7	0.9	0.9	111.3	29.2
(PLNS, <5,100,V,H,AH,6)	-7.0	-118.7	7.6	-16.0	0.9	0.9	107.6	25.6
(PLNS, <5,100,V,H,AH,9)	-7.0	-112.9	7.6	-16.6	0.9	0.9	101.2	19.2
(PLNS, <5,100,H,H, P,3)	-7.0	-114.1	9.6	-0.5	0.9	0.9	120.5	38.5
(PLNS, <5,100,H,H, P,6)	-7.0	-107.5	9.6	1.2	0.9	0.9	115.6	33.5
(PLNS, <5,100,H,H, P,9)	-7.0	-104.7	9.6	1.0	0.9	0.9	112.7	30.6
(PLNS, <5,100,H,H,AV,3)	-7.0	-111.0	9.6	-0.5	0.9	0.9	117.4	35.4
(PLNS, <5,100,H,H,AV,6)	-7.0	-115.8	9.6	1.2	0.9	0.9	123.9	41.9
(PLNS, <5,100,H,H,AV,9)	-7.0	-103.7	9.6	1.0	0.9	0.9	111.7	29.6
(PLNS, <5,100,H,H,AH,3)	-7.0	-100.1	9.6	-0.5	0.9	0.9	106.5	24.5
(PLNS, <5,100,H,H,AH,6)	-7.0	-101.4	9.6	1.2	0.9	0.9	109.5	27.5
(PLNS, <5,100,H,H,AH,9)	-7.0	-99.7	9.6	1.0	0.9	0.9	107.6	25.6
(KLIR, 44,100,H,H, P,3)	42.2	-84.1		0.5		0.9	132.0	26.8
(KLIR, 44,100,H,H, P,6)	42.2	-83.4		1.2		0.9	132.0	26.7
(KLIR, 44,100,H,H, P,9)	42.2	-80.1		1.0		0.9	128.5	23.2
(KLIR, 44,100,H,H,AV,3)	42.2	-82.2		0.5		0.9	130.1	24.8
(KLIR, 44,100,H,H,AV,6)	42.2	-87.5		1.2		0.9	136.1	30.8
(KLIR, 44,100,H,H,AV,9)	42.2	-78.9		1.0		0.9	127.3	22.1
(KLIR, 44,100,H,H,AH,3)	42.2	-89.0		0.5		0.9	136.9	31.7
(KLIR, 44,100,H,H,AH,6)	42.2	-86.1		1.2		0.9	134.7	29.5
(KLIR, 44,100,H,H,AH,9)	42.2	-80.1		1.0		0.9	128.5	23.2

COLORADO PLAINS B= 1.96KM SITE 25

DATE 11-17-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5, 20,V,V, P,3)	24.0	-74.0	-3.3	1.1	0.1	-0.0	95.7	31.4
(PLNS, <5, 20,V,V,AV,3)	24.0	-74.0	-3.3	1.1	0.1	-0.0	95.7	31.4
(PLNS, <5, 20,V,V,AH,3)	24.0	-72.3	-3.3	1.1	0.1	-0.0	94.0	29.7
(PLNS, <5, 50,V,V, P,1)	24.0	-83.8	-1.4	-1.3	1.2	0.2	103.7	31.4
(PLNS, <5, 50,V,V, P,3)	24.0	-79.8	-1.4	6.9	1.2	0.2	107.9	35.6
(PLNS, <5, 50,V,V,AV,1)	24.0	-83.8	-1.4	-1.3	1.2	0.2	103.7	31.4
(PLNS, <5, 50,V,V,AV,3)	24.0	-79.8	-1.4	6.9	1.2	0.2	107.9	35.6
(PLNS, <5, 50,V,V,AH,1)	24.0	-86.8	-1.4	-1.3	1.2	0.2	106.7	34.4
(PLNS, <5, 50,V,V,AH,3)	24.0	-79.3	-1.4	6.9	1.2	0.2	107.4	35.1



COLORADO PLAINS R= 1.96KM SITE 25

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-30-64	24.55	H1	20%	53.3	78.5

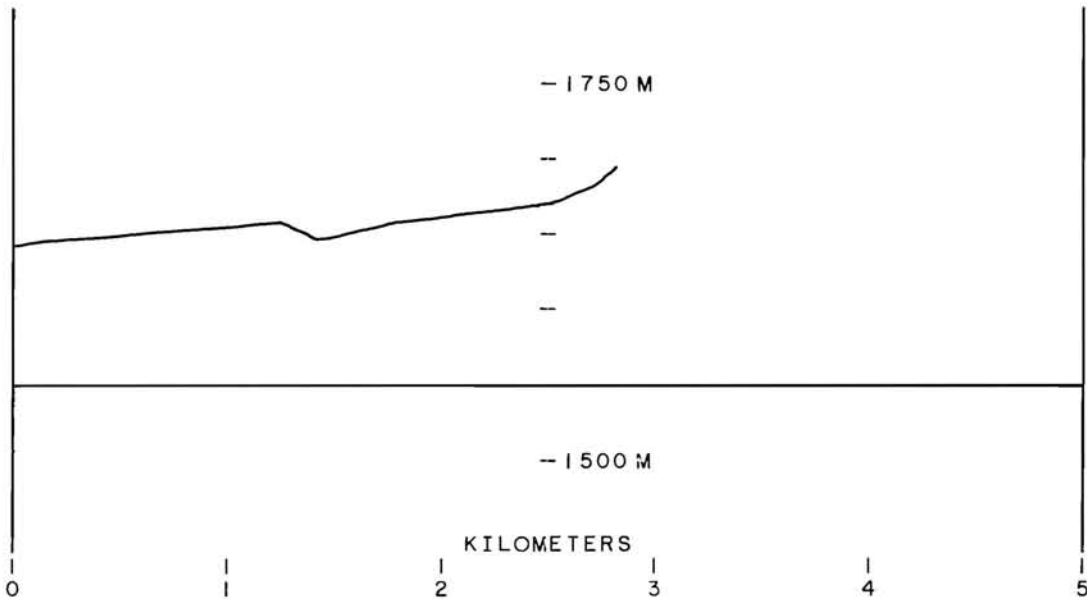
TREES AND HOUSE ON PATH 1/2MI. POWER LINE NORTH OF TRUCK NOT ON PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, <5,100,V,V, P,3)	-7.0	-99.2	7.6	0.8	0.9	0.9	104.9	26.5
(PLNS, <5,100,V,V, P,6)	-7.0	-94.1	7.6	-0.6	0.9	0.9	98.4	20.0
(PLNS, <5,100,V,V, P,9)	-7.0	-91.9	7.6	-1.2	0.9	0.9	95.6	17.2
(PLNS, <5,100,V,V,AV,3)	-7.0	-99.2	7.6	0.8	0.9	0.9	104.9	26.5
(PLNS, <5,100,V,V,AV,6)	-7.0	-94.1	7.6	-0.6	0.9	0.9	98.4	20.0
(PLNS, <5,100,V,V,AV,9)	-7.0	-91.9	7.6	-1.2	0.9	0.9	95.6	17.2
(PLNS, <5,100,V,V,AH,3)	-7.0	-98.6	7.6	0.8	0.9	0.9	104.3	25.9
(PLNS, <5,100,V,V,AH,6)	-7.0	-93.8	7.6	-0.6	0.9	0.9	98.1	19.7
(PLNS, <5,100,V,V,AH,9)	-7.0	-91.2	7.6	-1.2	0.9	0.9	94.9	16.5
(PLNS, <5,100,H,V, P,3)	-7.0	-118.4	9.6	-16.3	0.9	0.9	109.0	30.6
(PLNS, <5,100,H,V, P,6)	-7.0	-121.4	9.6	-14.5	0.9	0.9	113.8	35.5
(PLNS, <5,100,H,V, P,9)	-7.0	-118.4	9.6	-17.9	0.9	0.9	107.4	29.0
(PLNS, <5,100,H,V,AV,3)	-7.0	-118.4	9.6	-16.3	0.9	0.9	109.0	30.6
(PLNS, <5,100,H,V,AV,6)	-7.0	-121.4	9.6	-14.5	0.9	0.9	113.8	35.5
(PLNS, <5,100,H,V,AV,9)	-7.0	-118.4	9.6	-17.9	0.9	0.9	107.4	29.0
(PLNS, <5,100,H,V,AH,3)	-7.0	-112.9	9.6	-16.3	0.9	0.9	103.5	25.1
(PLNS, <5,100,H,V,AH,6)	-7.0	-116.6	9.6	-14.5	0.9	0.9	109.0	30.6
(PLNS, <5,100,H,V,AH,9)	-7.0	-116.6	9.6	-17.9	0.9	0.9	105.6	27.2
(PLNS, <5,100,V,H, P,3)	-7.0	-110.6	7.6	-19.0	0.9	0.9	96.5	18.1
(PLNS, <5,100,V,H, P,6)	-7.0	-104.7	7.6	-15.8	0.9	0.9	93.9	15.5
(PLNS, <5,100,V,H, P,9)	-7.0	-103.0	7.6	-16.2	0.9	0.9	91.7	13.3
(PLNS, <5,100,V,H,AV,3)	-7.0	-110.6	7.6	-19.0	0.9	0.9	96.5	18.1
(PLNS, <5,100,V,H,AV,6)	-7.0	-104.7	7.6	-15.8	0.9	0.9	93.9	15.5
(PLNS, <5,100,V,H,AV,9)	-7.0	-103.0	7.6	-16.2	0.9	0.9	91.7	13.3
(PLNS, <5,100,V,H,AH,3)	-7.0	-106.6	7.6	-19.0	0.9	0.9	92.5	14.1
(PLNS, <5,100,V,H,AH,6)	-7.0	-101.2	7.6	-15.8	0.9	0.9	90.3	11.9
(PLNS, <5,100,V,H,AH,9)	-7.0	-101.2	7.6	-16.2	0.9	0.9	89.9	11.5
(PLNS, <5,100,H,H, P,3)	-7.0	-99.6	9.6	0.6	0.9	0.9	107.1	28.7
(PLNS, <5,100,H,H, P,6)	-7.0	-94.6	9.6	1.7	0.9	0.9	103.2	24.8
(PLNS, <5,100,H,H, P,9)	-7.0	-91.7	9.6	1.4	0.9	0.9	100.0	21.6
(PLNS, <5,100,H,H,AV,3)	-7.0	-99.6	9.6	0.6	0.9	0.9	107.1	28.7
(PLNS, <5,100,H,H,AV,6)	-7.0	-94.6	9.6	1.7	0.9	0.9	103.2	24.8
(PLNS, <5,100,H,H,AV,9)	-7.0	-91.7	9.6	1.4	0.9	0.9	100.0	21.6
(PLNS, <5,100,H,H,AH,3)	-7.0	-95.4	9.6	0.6	0.9	0.9	102.9	24.5
(PLNS, <5,100,H,H,AH,6)	-7.0	-91.0	9.6	1.7	0.9	0.9	99.6	21.2
(PLNS, <5,100,H,H,AH,9)	-7.0	-89.2	9.6	1.4	0.9	0.9	97.5	19.1
(KLIR, 45,100,H,H, P,3)	42.2	-87.6		1.5		0.9	136.5	31.0
(KLIR, 45,100,H,H, P,6)	42.2	-81.2		1.5		0.9	130.1	24.5
(KLIR, 45,100,H,H, P,9)	42.2	-77.9		1.0		0.9	126.3	20.8
(KLIR, 45,100,H,H,AV,3)	42.2	-87.6		1.5		0.9	136.5	31.0
(KLIR, 45,100,H,H,AV,6)	42.2	-81.2		1.5		0.9	130.1	24.5
(KLIR, 45,100,H,H,AV,9)	42.2	-77.9		1.0		0.9	126.3	20.8
(KLIR, 45,100,H,H,AH,3)	42.2	-84.0		1.5		0.9	132.9	27.4
(KLIR, 45,100,H,H,AH,6)	42.2	-79.5		1.5		0.9	128.4	22.9
(KLIR, 45,100,H,H,AH,9)	42.2	-77.0		1.0		0.9	125.4	19.9

COLORADO PLAINS B= 2.87KM SITE 26

DATE 11-17-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS: <5, 20,V,V, P,3)	24.0	-81.7	-3.7	-0.5	0.1	-0.0	101.4	33.8
(PLNS: <5, 20,V,V,AV,3)	24.0	-81.8	-3.7	-0.5	0.1	-0.0	101.5	33.9
(PLNS: <5, 20,V,V,AH,3)	24.0	-83.0	-3.7	-0.5	0.1	-0.0	102.7	35.1
(PLNS: <5, 50,V,V, P,1)	24.0	-89.0	0.3	1.9	1.2	0.2	113.8	38.2
(PLNS: <5, 50,V,V, P,3)	24.0	-86.1	0.3	5.8	1.2	0.2	114.8	39.2
(PLNS: <5, 50,V,V,AV,1)	24.0	-86.7	0.3	1.9	1.2	0.2	111.5	35.9
(PLNS: <5, 50,V,V,AV,3)	24.0	-84.4	0.3	5.8	1.2	0.2	113.1	37.5
(PLNS: <5, 50,V,V,AH,1)	24.0	-85.4	0.3	1.9	1.2	0.2	110.2	34.6
(PLNS: <5, 50,V,V,AH,3)	24.0	-83.8	0.3	5.8	1.2	0.2	112.5	36.9



COLORADO PLAINS B= 2.87KM SITE 26

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE 09-30-64 BAROMETRIC PRESSURE 24.46 CLOUD TYPE L1,H1 COVER PERCENT 25% ASSMAN WET 52.0 DRY 81.8

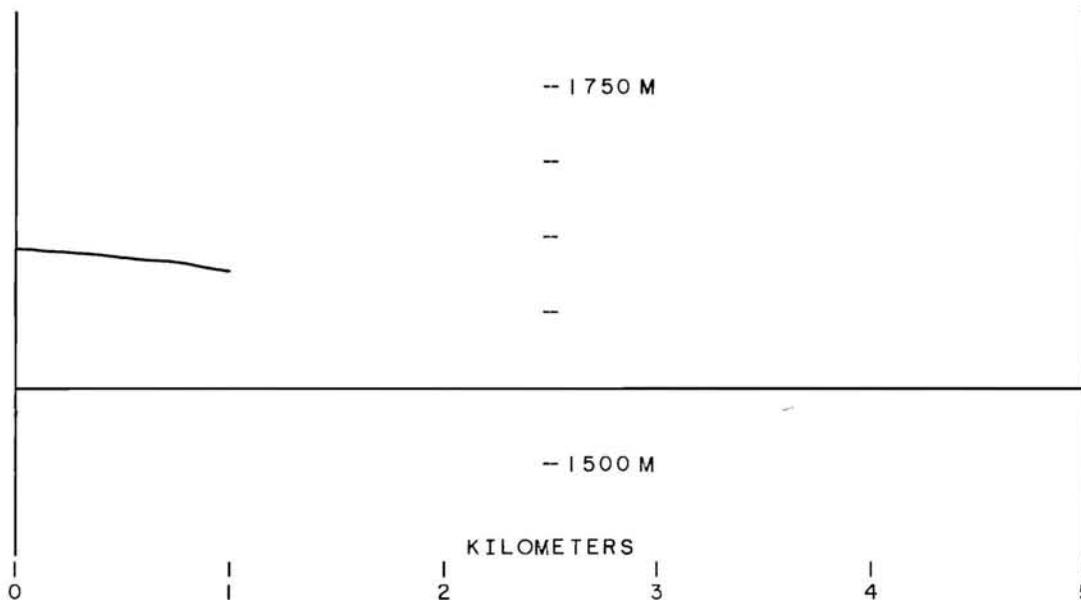
CITY DUMP AND OLD CARS ON PATH, NO OBSTRUCTION TO LINE OF SIGHT.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	-7.0	-97.9	7.6	0.3	0.9	0.9	103.1	21.4
(PLNS, <5,100,V,V, P,6)	-7.0	-93.2	7.6	-1.2	0.9	0.9	96.9	15.2
(PLNS, <5,100,V,V, P,9)	-7.0	-95.6	7.6	-1.6	0.9	0.9	98.9	17.2
(PLNS, <5,100,V,V,AV,3)	-7.0	-92.7	7.6	0.3	0.9	0.9	97.9	16.2
(PLNS, <5,100,V,V,AV,6)	-7.0	-91.2	7.6	-1.2	0.9	0.9	94.9	13.2
(PLNS, <5,100,V,V,AV,9)	-7.0	-92.1	7.6	-1.6	0.9	0.9	95.4	13.7
(PLNS, <5,100,V,V,AH,3)	-7.0	-96.2	7.6	0.3	0.9	0.9	101.4	19.7
(PLNS, <5,100,V,V,AH,6)	-7.0	-91.9	7.6	-1.2	0.9	0.9	95.6	13.9
(PLNS, <5,100,V,V,AH,9)	-7.0	-92.7	7.6	-1.6	0.9	0.9	96.0	14.3
(PLNS, <5,100,H,V, P,3)	-7.0	-118.4	9.6	-23.5	0.9	0.9	101.8	20.1
(PLNS, <5,100,H,V, P,6)	-7.0	-109.4	9.6	-17.9	0.9	0.9	98.4	16.7
(PLNS, <5,100,H,V, P,9)	-7.0	-109.4	9.6	-21.0	0.9	0.9	95.3	13.6
(PLNS, <5,100,H,V,AV,3)	-7.0	-95.6	9.6	-23.5	0.9	0.9	79.0	-2.7
(PLNS, <5,100,H,V,AV,6)	-7.0	-96.3	9.6	-17.9	0.9	0.9	85.3	3.6
(PLNS, <5,100,H,V,AV,9)	-7.0	-97.0	9.6	-21.0	0.9	0.9	82.9	1.2
(PLNS, <5,100,H,V,AH,3)	-7.0	-94.1	9.6	-23.5	0.9	0.9	77.5	-4.2
(PLNS, <5,100,H,V,AH,6)	-7.0	-94.1	9.6	-17.9	0.9	0.9	83.1	1.4
(PLNS, <5,100,H,V,AH,9)	-7.0	-93.2	9.6	-21.0	0.9	0.9	79.1	-2.6
(PLNS, <5,100,V,H, P,3)	-7.0	-109.0	7.6	-17.8	0.9	0.9	96.2	14.4
(PLNS, <5,100,V,H, P,6)	-7.0	-102.5	7.6	-15.5	0.9	0.9	91.9	10.2
(PLNS, <5,100,V,H, P,9)	-7.0	-103.4	7.6	-15.9	0.9	0.9	92.4	10.7
(PLNS, <5,100,V,H,AV,3)	-7.0	-104.3	7.6	-17.8	0.9	0.9	91.4	9.7
(PLNS, <5,100,V,H,AV,6)	-7.0	-102.2	7.6	-15.5	0.9	0.9	91.6	9.9
(PLNS, <5,100,V,H,AV,9)	-7.0	-103.4	7.6	-15.9	0.9	0.9	92.4	10.7
(PLNS, <5,100,V,H,AH,3)	-7.0	-105.6	7.6	-17.8	0.9	0.9	92.7	11.0
(PLNS, <5,100,V,H,AH,6)	-7.0	-102.2	7.6	-15.5	0.9	0.9	91.6	9.9
(PLNS, <5,100,V,H,AH,9)	-7.0	-106.1	7.6	-15.9	0.9	0.9	95.1	13.4
(PLNS, <5,100,H,H, P,3)	-7.0	-91.7	9.6	1.5	0.9	0.9	100.1	18.4
(PLNS, <5,100,H,H, P,6)	-7.0	-88.9	9.6	1.4	0.9	0.9	97.2	15.5
(PLNS, <5,100,H,H, P,9)	-7.0	-93.5	9.6	1.2	0.9	0.9	101.6	19.9
(PLNS, <5,100,H,H,AV,3)	-7.0	-87.2	9.6	1.5	0.9	0.9	95.6	13.9
(PLNS, <5,100,H,H,AV,6)	-7.0	-83.9	9.6	1.4	0.9	0.9	92.2	10.5
(PLNS, <5,100,H,H,AV,9)	-7.0	-86.1	9.6	1.2	0.9	0.9	94.2	12.5
(PLNS, <5,100,H,H,AH,3)	-7.0	-86.1	9.6	1.5	0.9	0.9	94.5	12.8
(PLNS, <5,100,H,H,AH,6)	-7.0	-84.4	9.6	1.4	0.9	0.9	92.7	11.0
(PLNS, <5,100,H,H,AH,9)	-7.0	-86.8	9.6	1.2	0.9	0.9	94.9	13.2
(KLIR, 46,100,H,H, P,3)	42.2	-80.2		1.5		0.9	129.1	23.4
(KLIR, 46,100,H,H, P,6)	42.2	-75.1		1.3		0.9	123.8	18.1
(KLIR, 46,100,H,H, P,9)	42.2	-81.4		1.0		0.9	129.8	24.1
(KLIR, 46,100,H,H,AV,3)	42.2	-75.3		1.5		0.9	124.2	18.5
(KLIR, 46,100,H,H,AV,6)	42.2	-72.8		1.3		0.9	121.5	15.8
(KLIR, 46,100,H,H,AV,9)	42.2	-80.1		1.0		0.9	128.5	22.8
(KLIR, 46,100,H,H,AH,3)	42.2	-74.4		1.5		0.9	123.3	17.6
(KLIR, 46,100,H,H,AH,6)	42.2	-74.4		1.3		0.9	123.1	17.4
(KLIR, 46,100,H,H,AH,9)	42.2	-77.4		1.0		0.9	125.8	20.1

COLORADO PLAINS B= 1.00KM SITE 27

DATE 10-23-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5, 20,V,V, P,3)	24.0	-65.0	-0.7	1.9	0.1	-0.0	90.1	31.6
(PLNS, <5, 20,V,V,AV,3)	24.0	-65.0	-0.7	1.9	0.1	-0.0	90.1	31.6
(PLNS, <5, 20,V,V,AH,3)	24.0	-63.3	-0.7	1.9	0.1	-0.0	88.4	29.9
(PLNS, <5, 50,V,V, P,1)	24.0	-72.0	-2.2	4.3	1.2	0.2	96.7	30.2
(PLNS, <5, 50,V,V, P,3)	24.0	-79.5	-2.2	-2.0	1.2	0.2	97.9	31.4
(PLNS, <5, 50,V,V,AV,1)	24.0	-72.0	-2.2	4.3	1.2	0.2	96.7	30.2
(PLNS, <5, 50,V,V,AV,3)	24.0	-79.5	-2.2	-2.0	1.2	0.2	97.9	31.4
(PLNS, <5, 50,V,V,AH,1)	24.0	-72.6	-2.2	4.3	1.2	0.2	97.3	30.8
(PLNS, <5, 50,V,V,AH,3)	24.0	-80.2	-2.2	-2.0	1.2	0.2	98.6	32.1



COLORADO PLAINS R= 1.00KM SITE 27

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-14-64	24.64	L1	50%	62.0	83.0

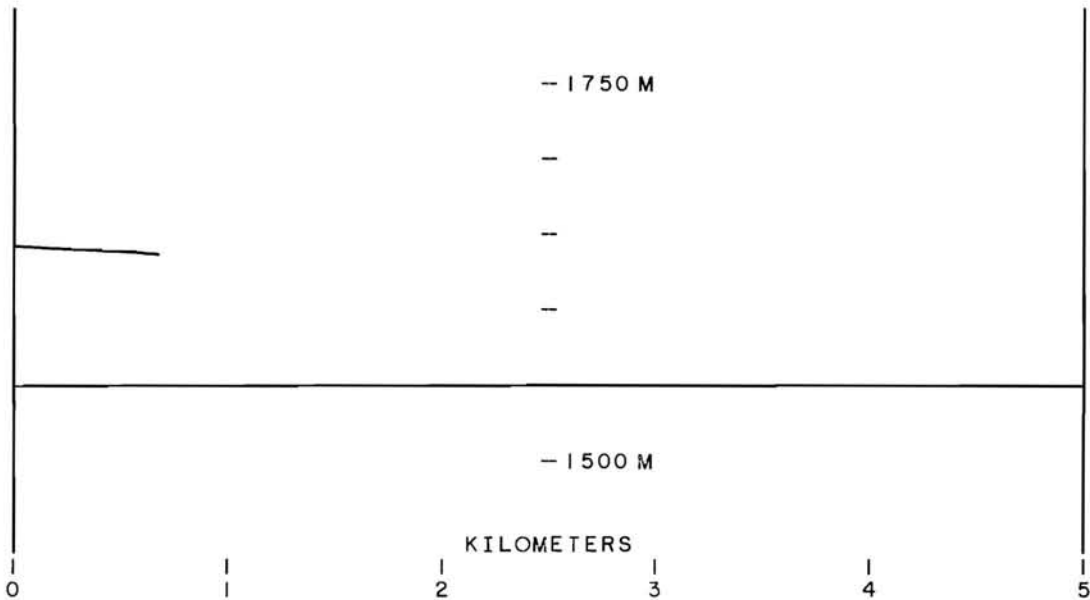
60FT TREES 1/4MI WEST, JUST NORTH OF ROAD, OBSTRUCT PATH. 2-WIRE PHONE LINE RUNS PARALLEL TO ROAD ON SOUTH SIDE.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	20.0	-65.0	7.6	-1.5	0.9	0.9	95.4	22.8
(PLNS, <5,100,V,V, P,6)	20.0	-61.3	7.6	-1.6	0.9	0.9	91.6	19.0
(PLNS, <5,100,V,V, P,9)	20.0	-57.9	7.6	-2.1	0.9	0.9	87.7	15.2
(PLNS, <5,100,V,V,AV,3)	20.0	-65.0	7.6	-1.5	0.9	0.9	95.4	22.8
(PLNS, <5,100,V,V,AV,6)	20.0	-61.3	7.6	-1.6	0.9	0.9	91.6	19.0
(PLNS, <5,100,V,V,AV,9)	20.0	-57.9	7.6	-2.1	0.9	0.9	87.7	15.2
(PLNS, <5,100,V,V,AH,3)	20.0	-66.4	7.6	-1.5	0.9	0.9	96.8	24.2
(PLNS, <5,100,V,V,AH,6)	20.0	-63.0	7.6	-1.6	0.9	0.9	93.3	20.8
(PLNS, <5,100,V,V,AH,9)	20.0	-76.9	7.6	-2.1	0.9	0.9	86.7	14.2
(PLNS, <5,100,H,V, P,3)	20.0	-89.8	9.6	-15.9	0.9	0.9	107.8	35.2
(PLNS, <5,100,H,V, P,6)	20.0	-80.0	9.6	-14.0	0.9	0.9	99.9	27.3
(PLNS, <5,100,H,V, P,9)	20.0	-80.0	9.6	-15.9	0.9	0.9	98.0	25.4
(PLNS, <5,100,H,V,AV,3)	20.0	-89.8	9.6	-15.9	0.9	0.9	107.8	35.2
(PLNS, <5,100,H,V,AV,6)	20.0	-80.0	9.6	-14.0	0.9	0.9	99.9	27.3
(PLNS, <5,100,H,V,AV,9)	20.0	-80.0	9.6	-15.9	0.9	0.9	98.0	25.4
(PLNS, <5,100,H,V,AH,3)	20.0	-71.4	9.6	-15.9	0.9	0.9	89.4	16.9
(PLNS, <5,100,H,V,AH,6)	20.0	-70.0	9.6	-14.0	0.9	0.9	89.9	17.3
(PLNS, <5,100,H,V,AH,9)	20.0	-77.4	9.6	-15.9	0.9	0.9	95.4	22.9
(PLNS, <5,100,V,H, P,3)	20.0	-89.8	7.6	-21.1	0.9	0.9	100.6	28.0
(PLNS, <5,100,V,H, P,6)	20.0	-82.7	7.6	-17.1	0.9	0.9	97.5	24.9
(PLNS, <5,100,V,H, P,9)	20.0	-71.2	7.6	-15.8	0.9	0.9	87.3	14.7
(PLNS, <5,100,V,H,AV,3)	20.0	-89.8	7.6	-21.1	0.9	0.9	100.6	28.0
(PLNS, <5,100,V,H,AV,6)	20.0	-82.7	7.6	-17.1	0.9	0.9	97.5	24.9
(PLNS, <5,100,V,H,AV,9)	20.0	-71.2	7.6	-15.8	0.9	0.9	87.3	14.7
(PLNS, <5,100,V,H,AH,3)	20.0	-74.1	7.6	-21.1	0.9	0.9	84.9	12.3
(PLNS, <5,100,V,H,AH,6)	20.0	-70.6	7.6	-17.1	0.9	0.9	85.4	12.8
(PLNS, <5,100,V,H,AH,9)	20.0	-77.0	7.6	-15.8	0.9	0.9	73.1	0.5
(PLNS, <5,100,H,H, P,3)	20.0	-71.9	9.6	-1.1	0.9	0.9	104.7	32.1
(PLNS, <5,100,H,H, P,6)	20.0	-59.9	9.6	1.6	0.9	0.9	95.4	22.8
(PLNS, <5,100,H,H, P,9)	20.0	-74.7	9.6	1.1	0.9	0.9	89.7	17.2
(PLNS, <5,100,H,H,AV,3)	20.0	-71.9	9.6	-1.1	0.9	0.9	104.7	32.1
(PLNS, <5,100,H,H,AV,6)	20.0	-59.9	9.6	1.6	0.9	0.9	95.4	22.8
(PLNS, <5,100,H,H,AV,9)	20.0	-74.7	9.6	1.1	0.9	0.9	89.7	17.2
(PLNS, <5,100,H,H,AH,3)	20.0	-57.9	9.6	-1.1	0.9	0.9	90.7	18.2
(PLNS, <5,100,H,H,AH,6)	20.0	-76.3	9.6	1.6	0.9	0.9	91.8	19.3
(PLNS, <5,100,H,H,AH,9)	20.0	-73.2	9.6	1.1	0.9	0.9	88.2	15.6
(KLIR, 43,100,H,H, P,3)	42.2	-93.5		1.5		0.9	142.4	37.2
(KLIR, 43,100,H,H, P,6)	42.2	-85.6		1.5		0.9	134.5	29.4
(KLIR, 43,100,H,H, P,9)	42.2	-82.5		1.0		0.9	130.9	25.8
(KLIR, 43,100,H,H,AV,3)	42.2	-93.5		1.5		0.9	142.4	37.2
(KLIR, 43,100,H,H,AV,6)	42.2	-85.6		1.5		0.9	134.5	29.4
(KLIR, 43,100,H,H,AV,9)	42.2	-82.5		1.0		0.9	130.9	25.8
(KLIR, 43,100,H,H,AH,3)	42.2	-97.4		1.5		0.9	146.3	41.2
(KLIR, 43,100,H,H,AH,6)	42.2	-91.4		1.5		0.9	140.3	35.2
(KLIR, 43,100,H,H,AH,9)	42.2	-88.5		1.0		0.9	136.9	31.8

COLORADO PLAINS B= 0.70KM SITE 28

DATE 12-03-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5, 20,V,V, P,3)	24.0	-59.0	-4.2	-3.6	0.1	-0.0	75.1	19.7
(PLNS, <5, 20,V,V,AV,3)	24.0	-59.3	-4.2	-3.2	0.1	-0.0	75.8	20.4
(PLNS, <5, 20,V,V,AH,3)	24.0	-59.3	-4.2	-3.2	0.1	-0.0	75.8	20.4
(PLNS, <5, 50,V,V, P,1)	24.0	-66.2	-2.2	-0.3	1.2	0.2	86.3	22.9
(PLNS, <5, 50,V,V, P,3)	24.0	-65.0	-2.2	-0.8	1.2	0.2	84.6	21.2
(PLNS, <5, 50,V,V,AV,1)	24.0	-65.1	-2.2	0.5	1.2	0.2	86.0	22.6
(PLNS, <5, 50,V,V,AV,3)	24.0	-64.9	-2.2	-0.8	1.2	0.2	84.5	21.1
(PLNS, <5, 50,V,V,AH,1)	24.0	-62.0	-2.2	0.5	1.2	0.2	82.9	19.5
(PLNS, <5, 50,V,V,AH,3)	24.0	-64.5	-2.2	-0.8	1.2	0.2	84.1	20.7



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
10-05-64	25.07	CLEAR	0%	38.5	51.5

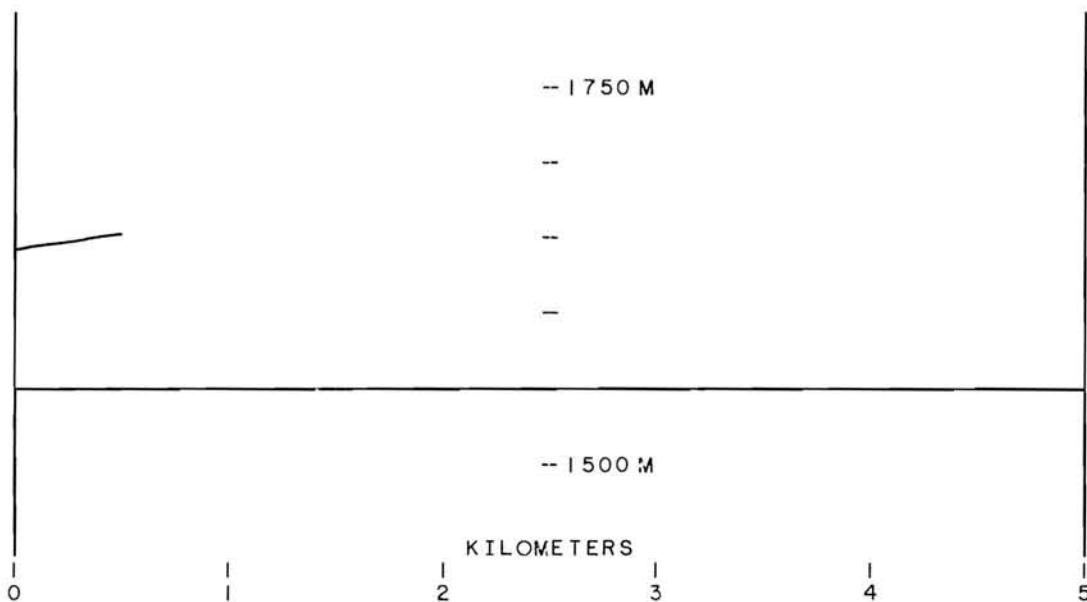
GRASSLAND WITH SCATTERED HOUSES AND 20 TO 30FT TREES, WITHIN SIGHT OF TRANSMITTER. POWER LINES 500FT SOUTH OF SAME ONLY OBSTRUCTION.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	-7.0	-83.8	7.6	1.7	0.9	0.9	90.5	21.0
(PLNS, <5,100,V,V, P,6)	-7.0	-81.1	7.6	-2.0	0.9	0.9	84.0	14.5
(PLNS, <5,100,V,V, P,9)	-7.0	-80.1	7.6	-1.3	0.9	0.9	83.7	14.3
(PLNS, <5,100,V,V,AV,3)	-7.0	-77.9	7.6	0.0	0.9	0.9	82.8	13.4
(PLNS, <5,100,V,V,AV,6)	-7.0	-76.2	7.6	-1.8	0.9	0.9	79.3	9.8
(PLNS, <5,100,V,V,AV,9)	-7.0	-75.3	7.6	-1.2	0.9	0.9	79.0	9.5
(PLNS, <5,100,V,V,AH,3)	-7.0	-80.7	7.6	0.0	0.9	0.9	85.7	16.2
(PLNS, <5,100,V,V,AH,6)	-7.0	-78.8	7.6	-1.8	0.9	0.9	81.9	12.5
(PLNS, <5,100,V,V,AH,9)	-7.0	-74.7	7.6	-1.2	0.9	0.9	78.4	9.0
(PLNS, <5,100,H,V, P,3)	-7.0	-96.2	9.6	-21.3	0.9	0.9	81.8	12.3
(PLNS, <5,100,H,V, P,6)	-7.0	-92.7	9.6	-15.0	0.9	0.9	84.6	15.1
(PLNS, <5,100,H,V, P,9)	-7.0	-90.4	9.6	-18.3	0.9	0.9	79.0	9.5
(PLNS, <5,100,H,V,AV,3)	-7.0	-94.4	9.6	-21.2	0.9	0.9	80.1	10.7
(PLNS, <5,100,H,V,AV,6)	-7.0	-91.2	9.6	-14.5	0.9	0.9	83.6	14.2
(PLNS, <5,100,H,V,AV,9)	-7.0	-90.2	9.6	-17.5	0.9	0.9	79.6	10.1
(PLNS, <5,100,H,V,AH,3)	-7.0	-96.6	9.6	-21.2	0.9	0.9	82.3	12.8
(PLNS, <5,100,H,V,AH,6)	-7.0	-91.7	9.6	-14.5	0.9	0.9	84.1	14.6
(PLNS, <5,100,H,V,AH,9)	-7.0	-87.5	9.6	-17.5	0.9	0.9	76.9	7.4
(PLNS, <5,100,V,H, P,3)	-7.0	-92.7	7.6	-18.7	0.9	0.9	78.9	9.4
(PLNS, <5,100,V,H, P,6)	-7.0	-109.0	7.6	-16.0	0.9	0.9	98.0	28.5
(PLNS, <5,100,V,H, P,9)	-7.0	-102.8	7.6	-18.1	0.9	0.9	89.7	20.2
(PLNS, <5,100,V,H,AV,3)	-7.0	-94.4	7.6	-20.2	0.9	0.9	79.1	9.7
(PLNS, <5,100,V,H,AV,6)	-7.0	-94.4	7.6	-17.4	0.9	0.9	81.9	12.5
(PLNS, <5,100,V,H,AV,9)	-7.0	-90.4	7.6	-18.6	0.9	0.9	76.7	7.2
(PLNS, <5,100,V,H,AH,3)	-7.0	-93.8	7.6	-20.2	0.9	0.9	78.5	9.0
(PLNS, <5,100,V,H,AH,6)	-7.0	-97.4	7.6	-17.4	0.9	0.9	85.0	15.5
(PLNS, <5,100,V,H,AH,9)	-7.0	-85.2	7.6	-18.6	0.9	0.9	71.5	2.0
(PLNS, <5,100,H,H, P,3)	-7.0	-86.2	9.6	-1.0	0.9	0.9	92.2	22.7
(PLNS, <5,100,H,H, P,6)	-7.0	-81.3	9.6	1.2	0.9	0.9	89.4	20.0
(PLNS, <5,100,H,H, P,9)	-7.0	-79.9	9.6	0.9	0.9	0.9	87.7	18.2
(PLNS, <5,100,H,H,AV,3)	-7.0	-79.4	9.6	-0.4	0.9	0.9	85.9	16.4
(PLNS, <5,100,H,H,AV,6)	-7.0	-78.4	9.6	1.2	0.9	0.9	86.5	17.1
(PLNS, <5,100,H,H,AV,9)	-7.0	-75.1	9.6	0.8	0.9	0.9	82.8	13.3
(PLNS, <5,100,H,H,AH,3)	-7.0	-79.5	9.6	-0.4	0.9	0.9	86.0	16.6
(PLNS, <5,100,H,H,AH,6)	-7.0	-75.9	9.6	1.2	0.9	0.9	84.0	14.5
(PLNS, <5,100,H,H,AH,9)	-7.0	-73.6	9.6	0.8	0.9	0.9	81.3	11.9
(KLIR, 43,100,H,H, P,3)	42.2	-95.8		-0.5		0.9	142.7	37.5
(KLIR, 43,100,H,H, P,6)	42.2	-89.8		1.2		0.9	138.4	33.2
(KLIR, 43,100,H,H, P,9)	42.2	-85.0		1.0		0.9	133.4	28.2
(KLIR, 43,100,H,H,AV,3)	42.2	-91.9		-0.5		0.9	138.8	33.6
(KLIR, 43,100,H,H,AV,6)	42.2	-88.2		1.2		0.9	136.8	31.7
(KLIR, 43,100,H,H,AV,9)	42.2	-86.0		1.0		0.9	134.4	29.2
(KLIR, 43,100,H,H,AH,3)	42.2	-89.4		-0.5		0.9	136.3	31.1
(KLIR, 43,100,H,H,AH,6)	42.2	-85.6		1.2		0.9	134.2	29.1
(KLIR, 43,100,H,H,AH,9)	42.2	-83.2		1.0		0.9	131.6	26.4

COLORADO PLAINS B= 0.49KM SITE 29

DATE 11-17-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5, 20,V,V, P,3)	24.0	-57.4	-4.1	-2.3	0.1	-0.0	74.9	22.6
(PLNS, <5, 20,V,V,AV,3)	24.0	-55.9	-4.1	-2.3	0.1	-0.0	73.4	21.1
(PLNS, <5, 20,V,V,AH,3)	24.0	-55.9	-4.1	-2.3	0.1	-0.0	73.4	21.1
(PLNS, <5, 50,V,V, P,1)	24.0	-67.5	-1.0	1.5	1.2	0.2	90.6	30.3
(PLNS, <5, 50,V,V, P,3)	24.0	-65.8	-1.0	-3.5	1.2	0.2	83.9	23.6
(PLNS, <5, 50,V,V,AV,1)	24.0	-66.2	-1.0	1.5	1.2	0.2	89.3	29.0
(PLNS, <5, 50,V,V,AV,3)	24.0	-66.5	-1.0	-3.5	1.2	0.2	84.6	24.3
(PLNS, <5, 50,V,V,AH,1)	24.0	-66.2	-1.0	1.5	1.2	0.2	89.3	29.0
(PLNS, <5, 50,V,V,AH,3)	24.0	-66.5	-1.0	-3.5	1.2	0.2	84.6	24.3



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-29-64	24.63	L9,H2	%	52.5	71.0

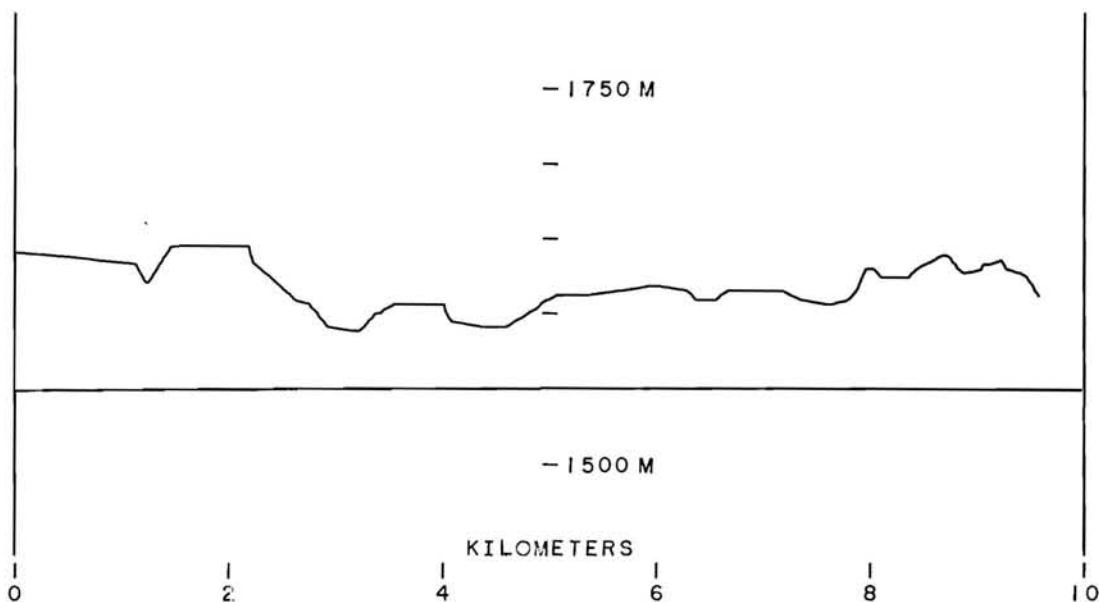
TRANSMITTER 1/3MI AWAY AND VISIBLE TO SITE. SURROUNDING AREA OPEN FIELDS AND 20 TO 30FT TREES, POWER LINES PARALLEL TO ROAD ON BOTH SIDES ONLY OBSTRUCTION.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, <5,100,V,V, P,3)	-7.0	-86.6	7.6	0.0	0.9	0.9	91.5	25.2
(PLNS, <5,100,V,V, P,6)	-7.0	-80.2	7.6	-1.2	0.9	0.9	83.9	17.6
(PLNS, <5,100,V,V, P,9)	-7.0	-74.9	7.6	-1.8	0.9	0.9	78.0	11.6
(PLNS, <5,100,V,V,AV,3)	-7.0	-83.0	7.6	0.0	0.9	0.9	87.9	21.6
(PLNS, <5,100,V,V,AV,6)	-7.0	-78.4	7.6	-1.2	0.9	0.9	82.1	15.8
(PLNS, <5,100,V,V,AV,9)	-7.0	-75.4	7.6	-1.8	0.9	0.9	78.5	12.2
(PLNS, <5,100,V,V,AH,3)	-7.0	-86.6	7.6	0.0	0.9	0.9	91.5	25.2
(PLNS, <5,100,V,V,AH,6)	-7.0	-80.2	7.6	-1.2	0.9	0.9	83.9	17.6
(PLNS, <5,100,V,V,AH,9)	-7.0	-74.9	7.6	-1.8	0.9	0.9	78.0	11.6
(PLNS, <5,100,H,V, P,3)	-7.0	-104.5	9.6	-14.9	0.9	0.9	96.5	30.2
(PLNS, <5,100,H,V, P,6)	-7.0	-103.0	9.6	-12.5	0.9	0.9	97.4	31.1
(PLNS, <5,100,H,V, P,9)	-7.0	-100.5	9.6	-14.9	0.9	0.9	92.5	26.1
(PLNS, <5,100,H,V,AV,3)	-7.0	-109.0	9.6	-14.9	0.9	0.9	101.1	34.7
(PLNS, <5,100,H,V,AV,6)	-7.0	-106.4	9.6	-12.5	0.9	0.9	100.8	34.4
(PLNS, <5,100,H,V,AV,9)	-7.0	-102.2	9.6	-14.9	0.9	0.9	94.2	27.8
(PLNS, <5,100,H,V,AH,3)	-7.0	-104.5	9.6	-14.9	0.9	0.9	96.5	30.2
(PLNS, <5,100,H,V,AH,6)	-7.0	-103.0	9.6	-12.5	0.9	0.9	97.4	31.1
(PLNS, <5,100,H,V,AH,9)	-7.0	-100.5	9.6	-14.9	0.9	0.9	92.5	26.1
(PLNS, <5,100,V,H, P,3)	-7.0	-105.9	7.6	-21.2	0.9	0.9	89.6	23.2
(PLNS, <5,100,V,H, P,6)	-7.0	-92.9	7.6	-19.6	0.9	0.9	78.2	11.9
(PLNS, <5,100,V,H, P,9)	-7.0	-86.8	7.6	-16.5	0.9	0.9	75.2	8.8
(PLNS, <5,100,V,H,AV,3)	-7.0	-99.2	7.6	-21.2	0.9	0.9	82.9	16.5
(PLNS, <5,100,V,H,AV,6)	-7.0	-97.0	7.6	-19.6	0.9	0.9	82.3	16.0
(PLNS, <5,100,V,H,AV,9)	-7.0	-94.1	7.6	-16.5	0.9	0.9	82.5	16.1
(PLNS, <5,100,V,H,AH,3)	-7.0	-105.9	7.6	-21.2	0.9	0.9	89.6	23.2
(PLNS, <5,100,V,H,AH,6)	-7.0	-92.9	7.6	-19.6	0.9	0.9	78.2	11.9
(PLNS, <5,100,V,H,AH,9)	-7.0	-86.8	7.6	-16.5	0.9	0.9	75.2	8.8
(PLNS, <5,100,H,H, P,3)	-7.0	-80.4	9.6	-1.8	0.9	0.9	85.5	19.2
(PLNS, <5,100,H,H, P,6)	-7.0	-72.9	9.6	1.6	0.9	0.9	81.4	15.1
(PLNS, <5,100,H,H, P,9)	-7.0	-69.2	9.6	1.1	0.9	0.9	77.2	10.9
(PLNS, <5,100,H,H,AV,3)	-7.0	-86.4	9.6	-1.8	0.9	0.9	91.5	25.1
(PLNS, <5,100,H,H,AV,6)	-7.0	-81.7	9.6	1.6	0.9	0.9	90.2	23.8
(PLNS, <5,100,H,H,AV,9)	-7.0	-78.7	9.6	1.1	0.9	0.9	86.7	20.4
(PLNS, <5,100,H,H,AH,3)	-7.0	-80.4	9.6	-1.8	0.9	0.9	85.5	19.2
(PLNS, <5,100,H,H,AH,6)	-7.0	-72.9	9.6	1.6	0.9	0.9	81.4	15.1
(PLNS, <5,100,H,H,AH,9)	-7.0	-69.2	9.6	1.1	0.9	0.9	77.2	10.9
(KLIR, 44,100,H,H, P,3)	42.2	-92.9		-1.6		0.9	138.7	33.4
(KLIR, 44,100,H,H, P,6)	42.2	-86.5		1.4		0.9	135.3	29.9
(KLIR, 44,100,H,H, P,9)	42.2	-83.0		1.0		0.9	131.4	26.1
(KLIR, 44,100,H,H,AV,3)	42.2	-89.4		-1.6		0.9	135.2	29.8
(KLIR, 44,100,H,H,AV,6)	42.2	-87.6		1.4		0.9	136.4	31.0
(KLIR, 44,100,H,H,AV,9)	42.2	-84.3		1.0		0.9	132.7	27.4
(KLIR, 44,100,H,H,AH,3)	42.2	-92.9		-1.6		0.9	138.7	33.4
(KLIR, 44,100,H,H,AH,6)	42.2	-86.5		1.4		0.9	135.3	29.9
(KLIR, 44,100,H,H,AH,9)	42.2	-83.0		1.0		0.9	131.4	26.1

COLORADO PLAINS B= 10KM SITE 1

DATE 10-28-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS; 10; 20;V,V; P,3)	24.0	-110.3	-2.8	-5.5	0.1	-0.0	125.9	47.4
(PLNS; 10; 20;V,V;AV,3)	24.0	-111.5	-2.8	-5.5	0.1	-0.0	127.1	48.6
(PLNS; 10; 20;V,V;AH,3)	24.0	-115.5	-2.8	-5.5	0.1	-0.0	131.1	52.6
(PLNS; 10; 50;V,V; P,1)	24.0	-128.5	0.0	-1.8	1.2	0.2	149.3	62.8
(PLNS; 10; 50;V,V; P,3)	24.0	-118.2	0.0	2.4	1.2	0.2	143.2	56.7
(PLNS; 10; 50;V,V;AV,1)	24.0	-119.5	0.0	-1.8	1.2	0.2	140.3	53.8
(PLNS; 10; 50;V,V;AV,3)	24.0	-118.8	0.0	2.4	1.2	0.2	143.8	57.3
(PLNS; 10; 50;V,V;AH,1)	24.0	-118.1	0.0	-1.8	1.2	0.2	138.9	52.4
(PLNS; 10; 50;V,V;AH,3)	24.0	-122.3	0.0	2.4	1.2	0.2	147.3	60.8



COLORADO PLAINS B= 10KM SITE 1

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
06-10-64	24.86	L5	95%	54.0	60.5

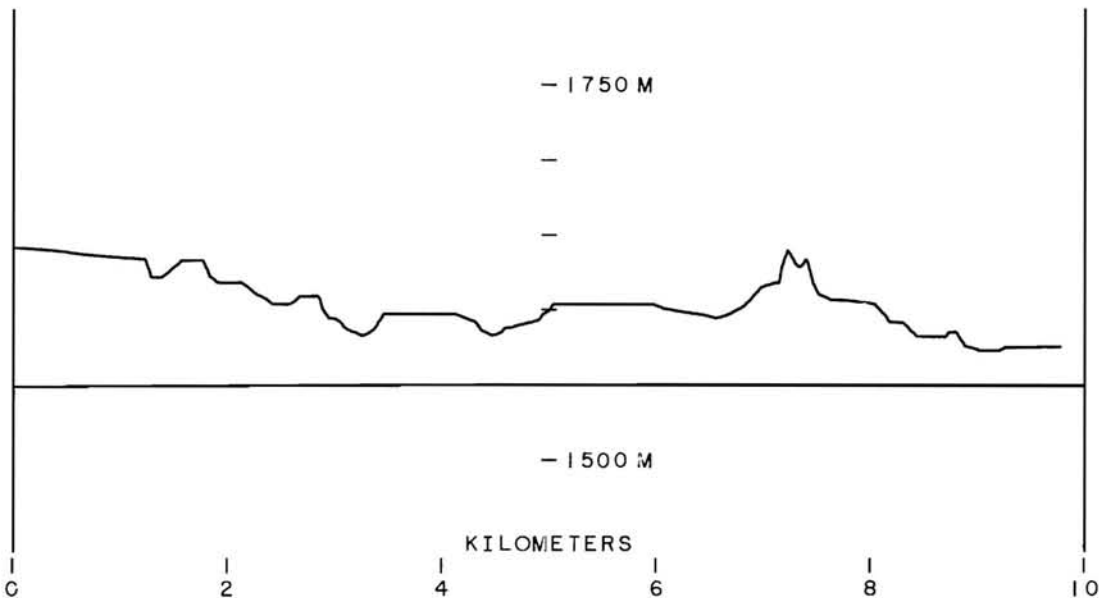
BROW OF HILL 1/4 MILE TO SOUTH FORMING HORIZON FOR SIGNAL PATH. 3 50 FT TREES NEAR PATH AND LOW BUSHES ON HORIZON. 4-WIRE POWER LINE PARALLEL ROAD ON SOUTH SIDE. ROW OF 50FT POPLAR TREES AND TELEPHONE LINE ON NORTH SIDE OF ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10,100,V,V, P,3)	27.1	-106.1	7.6	-0.3	0.9	0.9	144.9	52.3
(PLNS, 10,100,V,V, P,6)	27.1	-100.0	7.6	-1.5	0.9	0.9	137.5	45.0
(PLNS, 10,100,V,V, P,9)	27.1	-97.9	7.6	-1.5	0.9	0.9	135.5	42.9
(PLNS, 10,100,V,V,AV,3)	27.1	-99.0	7.6	-0.3	0.9	0.9	137.8	45.2
(PLNS, 10,100,V,V,AV,6)	27.1	-98.5	7.6	-1.5	0.9	0.9	136.1	43.5
(PLNS, 10,100,V,V,AV,9)	27.1	-95.4	7.6	-1.5	0.9	0.9	133.0	40.4
(PLNS, 10,100,V,V,AH,3)	27.1	-99.9	7.6	-0.3	0.9	0.9	138.6	46.0
(PLNS, 10,100,V,V,AH,6)	27.1	-96.2	7.6	-1.5	0.9	0.9	133.7	41.2
(PLNS, 10,100,V,V,AH,9)	27.1	-92.9	7.6	-1.5	0.9	0.9	130.5	37.9
(PLNS, 10,100,H,V, P,3)	27.1	-119.2	9.6	-11.6	0.9	0.9	148.6	56.0
(PLNS, 10,100,H,V, P,6)	27.1	-114.3	9.6	-9.8	0.9	0.9	145.5	53.0
(PLNS, 10,100,H,V, P,9)	27.1	-114.3	9.6	-13.3	0.9	0.9	142.0	49.5
(PLNS, 10,100,H,V,AV,3)	27.1	-106.9	9.6	-11.6	0.9	0.9	136.3	43.8
(PLNS, 10,100,H,V,AV,6)	27.1	-106.1	9.6	-9.8	0.9	0.9	137.4	44.8
(PLNS, 10,100,H,V,AV,9)	27.1	-106.4	9.6	-13.3	0.9	0.9	134.1	41.6
(PLNS, 10,100,H,V,AH,3)	27.1	-104.1	9.6	-11.6	0.9	0.9	133.6	41.0
(PLNS, 10,100,H,V,AH,6)	27.1	-105.9	9.6	-9.8	0.9	0.9	137.1	44.6
(PLNS, 10,100,H,V,AH,9)	27.1	-106.9	9.6	-13.3	0.9	0.9	134.6	42.1
(PLNS, 10,100,V,H, P,3)	27.1	-117.9	7.6	-16.7	0.9	0.9	140.3	47.7
(PLNS, 10,100,V,H, P,6)	27.1	-110.6	7.6	-18.0	0.9	0.9	131.6	39.0
(PLNS, 10,100,V,H, P,9)	27.1	-112.7	7.6	-17.2	0.9	0.9	134.5	41.9
(PLNS, 10,100,V,H,AV,3)	27.1	-110.0	7.6	-16.7	0.9	0.9	132.3	39.7
(PLNS, 10,100,V,H,AV,6)	27.1	-119.2	7.6	-18.0	0.9	0.9	140.2	47.6
(PLNS, 10,100,V,H,AV,9)	27.1	-111.5	7.6	-17.2	0.9	0.9	133.4	40.8
(PLNS, 10,100,V,H,AH,3)	27.1	-112.9	7.6	-16.7	0.9	0.9	135.3	42.7
(PLNS, 10,100,V,H,AH,6)	27.1	-115.4	7.6	-18.0	0.9	0.9	136.5	43.9
(PLNS, 10,100,V,H,AH,9)	27.1	-109.0	7.6	-17.2	0.9	0.9	130.9	38.3
(PLNS, 10,100,H,H, P,3)	27.1	-103.0	9.6	1.2	0.9	0.9	145.3	52.7
(PLNS, 10,100,H,H, P,6)	27.1	-100.1	9.6	1.7	0.9	0.9	142.8	50.3
(PLNS, 10,100,H,H, P,9)	27.1	-96.4	9.6	1.2	0.9	0.9	138.7	46.1
(PLNS, 10,100,H,H,AV,3)	27.1	-98.0	9.6	1.2	0.9	0.9	140.3	47.7
(PLNS, 10,100,H,H,AV,6)	27.1	-94.3	9.6	1.7	0.9	0.9	137.0	44.5
(PLNS, 10,100,H,H,AV,9)	27.1	-91.3	9.6	1.2	0.9	0.9	133.5	41.0
(PLNS, 10,100,H,H,AH,3)	27.1	-96.0	9.6	1.2	0.9	0.9	138.3	45.7
(PLNS, 10,100,H,H,AH,6)	27.1	-93.5	9.6	1.7	0.9	0.9	136.2	43.7
(PLNS, 10,100,H,H,AH,9)	27.1	-90.4	9.6	1.2	0.9	0.9	132.6	40.0
(KLIR, 51,100,H,H, P,3)	42.2	-109.8		1.1		0.9	158.3	51.6
(KLIR, 51,100,H,H, P,6)	42.2	-104.3		1.4		0.9	153.1	46.5
(KLIR, 51,100,H,H, P,9)	42.2	-98.0		1.0		0.9	146.4	39.7
(KLIR, 51,100,H,H,AV,3)	42.2	-102.4		1.1		0.9	150.9	44.2
(KLIR, 51,100,H,H,AV,6)	42.2	-97.8		1.4		0.9	146.6	39.9
(KLIR, 51,100,H,H,AV,9)	42.2	-96.8		1.0		0.9	145.2	38.6
(KLIR, 51,100,H,H,AH,3)	42.2	-98.1		1.1		0.9	146.6	39.9
(KLIR, 51,100,H,H,AH,6)	42.2	-96.2		1.4		0.9	145.0	38.3
(KLIR, 51,100,H,H,AH,9)	42.2	-91.3		1.0		0.9	139.7	33.1

COLORADO PLAINS H= 10KM SITE 2

DATE 10-28-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS: 10, 20,V,V, P,3)	24.0	-103.0	-0.8	0.7	0.1	-0.0	126.8	48.3
(PLNS: 10, 20,V,V,AV,3)	24.0	-106.1	-0.8	0.7	0.1	-0.0	129.9	51.4
(PLNS: 10, 20,V,V,AH,3)	24.0	-110.2	-0.8	0.7	0.1	-0.0	134.0	55.5
(PLNS: 10, 50,V,V, P,1)	24.0	-122.1	1.3	0.3	1.2	0.2	146.3	59.8
(PLNS: 10, 50,V,V, P,3)	24.0	-116.0	1.3	6.8	1.2	0.2	146.7	60.2
(PLNS: 10, 50,V,V,AV,1)	24.0	-118.8	1.3	0.3	1.2	0.2	143.0	56.5
(PLNS: 10, 50,V,V,AV,3)	24.0	-114.8	1.3	6.8	1.2	0.2	145.5	59.0
(PLNS: 10, 50,V,V,AH,1)	24.0	-121.5	1.3	0.3	1.2	0.2	145.7	59.2
(PLNS: 10, 50,V,V,AH,3)	24.0	-120.8	1.3	6.8	1.2	0.2	151.5	65.0



COLORADO PLAINS B= 10KM SITF 2

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
06-12-64	24.91	L1	10%	55.0	71.5

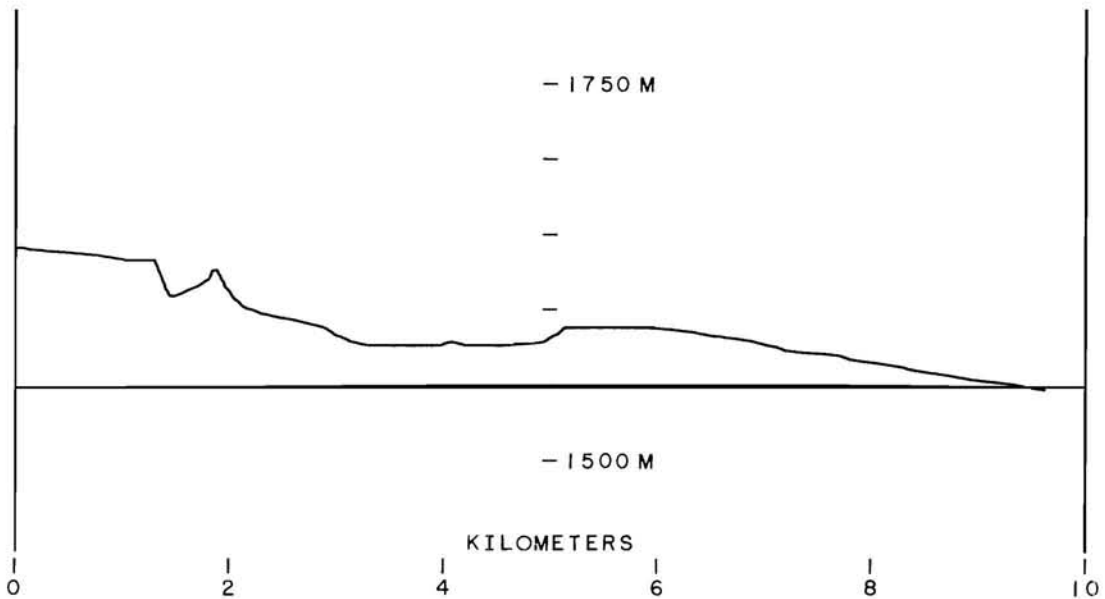
SITE IS OPEN GRASSLAND. HORIZON IS RIDGE ABOUT 800FT SW AND A LONE 40 FT TREE IN PATH. 4-WIRE POWER LINE PARALLELS ROAD ON WEST SLOPE. POWER LINES 25FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 10,100,V,V, P,3)	27.1	-112.7	7.6	0.8	0.9	0.9	152.5	59.9
(PLNS, 10,100,V,V, P,6)	27.1	-102.4	7.6	-0.8	0.9	0.9	140.6	48.0
(PLNS, 10,100,V,V, P,9)	27.1	-96.4	7.6	-1.3	0.9	0.9	134.2	41.6
(PLNS, 10,100,V,V,AV,3)	27.1	-95.3	7.6	0.8	0.9	0.9	135.2	42.6
(PLNS, 10,100,V,V,AV,6)	27.1	-92.4	7.6	-0.8	0.9	0.9	130.6	38.1
(PLNS, 10,100,V,V,AV,9)	27.1	-89.8	7.6	-1.3	0.9	0.9	127.5	35.0
(PLNS, 10,100,V,V,AH,3)	27.1	-97.9	7.6	0.8	0.9	0.9	137.8	45.2
(PLNS, 10,100,V,V,AH,6)	27.1	-92.9	7.6	-0.8	0.9	0.9	131.2	38.6
(PLNS, 10,100,V,V,AH,9)	27.1	-90.8	7.6	-1.3	0.9	0.9	128.5	36.0
(PLNS, 10,100,H,V, P,3)	27.1	-107.8	9.6	-19.5	0.9	0.9	129.3	36.7
(PLNS, 10,100,H,V, P,6)	27.1	-117.6	9.6	-14.8	0.9	0.9	143.9	51.3
(PLNS, 10,100,H,V, P,9)	27.1	-109.4	9.6	-18.5	0.9	0.9	131.9	39.4
(PLNS, 10,100,H,V,AV,3)	27.1	-101.4	9.6	-19.5	0.9	0.9	123.0	30.4
(PLNS, 10,100,H,V,AV,6)	27.1	-113.4	9.6	-14.8	0.9	0.9	139.6	47.1
(PLNS, 10,100,H,V,AV,9)	27.1	-103.7	9.6	-18.5	0.9	0.9	126.3	33.7
(PLNS, 10,100,H,V,AH,3)	27.1	-112.9	9.6	-19.5	0.9	0.9	134.5	41.9
(PLNS, 10,100,H,V,AH,6)	27.1	-120.1	9.6	-14.8	0.9	0.9	146.3	53.8
(PLNS, 10,100,H,V,AH,9)	27.1	-109.8	9.6	-18.5	0.9	0.9	132.3	39.8
(PLNS, 10,100,V,H, P,3)	27.1	-117.9	7.6	-18.5	0.9	0.9	138.5	45.9
(PLNS, 10,100,V,H, P,6)	27.1	-113.7	7.6	-15.7	0.9	0.9	137.0	44.4
(PLNS, 10,100,V,H, P,9)	27.1	-107.2	7.6	-16.0	0.9	0.9	130.2	37.7
(PLNS, 10,100,V,H,AV,3)	27.1	-110.6	7.6	-18.5	0.9	0.9	131.1	38.5
(PLNS, 10,100,V,H,AV,6)	27.1	-112.8	7.6	-15.7	0.9	0.9	136.1	43.6
(PLNS, 10,100,V,H,AV,9)	27.1	-101.7	7.6	-16.0	0.9	0.9	124.8	32.2
(PLNS, 10,100,V,H,AH,3)	27.1	-113.5	7.6	-18.5	0.9	0.9	134.0	41.5
(PLNS, 10,100,V,H,AH,6)	27.1	-110.2	7.6	-15.7	0.9	0.9	133.5	40.9
(PLNS, 10,100,V,H,AH,9)	27.1	-102.4	7.6	-16.0	0.9	0.9	125.4	32.8
(PLNS, 10,100,H,H, P,3)	27.1	-103.7	9.6	1.0	0.9	0.9	145.8	53.2
(PLNS, 10,100,H,H, P,6)	27.1	-98.7	9.6	1.6	0.9	0.9	141.4	48.8
(PLNS, 10,100,H,H, P,9)	27.1	-94.4	9.6	1.4	0.9	0.9	136.8	44.3
(PLNS, 10,100,H,H,AV,3)	27.1	-91.2	9.6	1.0	0.9	0.9	133.2	40.7
(PLNS, 10,100,H,H,AV,6)	27.1	-89.9	9.6	1.6	0.9	0.9	132.5	40.0
(PLNS, 10,100,H,H,AV,9)	27.1	-86.1	9.6	1.4	0.9	0.9	128.6	36.0
(PLNS, 10,100,H,H,AH,3)	27.1	-92.9	9.6	1.0	0.9	0.9	135.0	42.4
(PLNS, 10,100,H,H,AH,6)	27.1	-90.2	9.6	1.6	0.9	0.9	132.8	40.2
(PLNS, 10,100,H,H,AH,9)	27.1	-88.4	9.6	1.4	0.9	0.9	130.8	38.3
(KLIR, 50,100,H,H, P,3)	42.2	-96.3		-0.5		0.9	143.2	36.7
(KLIR, 50,100,H,H, P,6)	42.2	-94.4		1.3		0.9	143.1	36.6
(KLIR, 50,100,H,H, P,9)	42.2	-93.8		1.1		0.9	142.3	35.8
(KLIR, 50,100,H,H,AV,3)	42.2	-92.7		-0.5		0.9	139.6	33.1
(KLIR, 50,100,H,H,AV,6)	42.2	-88.9		1.3		0.9	137.6	31.1
(KLIR, 50,100,H,H,AV,9)	42.2	-87.0		1.1		0.9	135.5	29.0
(KLIR, 50,100,H,H,AH,3)	42.2	-94.7		-0.5		0.9	141.6	35.1
(KLIR, 50,100,H,H,AH,6)	42.2	-91.0		1.3		0.9	139.7	33.2
(KLIR, 50,100,H,H,AH,9)	42.2	-89.0		1.1		0.9	137.5	31.1

COLORADO PLAINS B= 10KM SITE 3

DATE 10-28-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10, 20,V,V, P,3)	24.0	-103.3	-1.2	-3.0	0.1	-0.0	123.0	44.5
(PLNS, 10, 20,V,V,AV,3)	24.0	-103.7	-1.2	-3.0	0.1	-0.0	123.4	44.9
(PLNS, 10, 20,V,V,AH,3)	24.0	-105.2	-1.2	-3.0	0.1	-0.0	124.9	46.4
(PLNS, 10, 50,V,V, P,1)	24.0	-116.8	0.2	-5.0	1.2	0.2	134.6	48.1
(PLNS, 10, 50,V,V, P,3)	24.0	-105.0	0.2	-3.7	1.2	0.2	124.1	37.6
(PLNS, 10, 50,V,V,AV,1)	24.0	-114.4	0.2	-5.0	1.2	0.2	132.2	45.7
(PLNS, 10, 50,V,V,AV,3)	24.0	-107.0	0.2	-3.7	1.2	0.2	126.1	39.6
(PLNS, 10, 50,V,V,AH,1)	24.0	-116.2	0.2	-5.0	1.2	0.2	134.0	47.5
(PLNS, 10, 50,V,V,AH,3)	24.0	-110.0	0.2	-3.7	1.2	0.2	129.1	42.6



COLORADO PLAINS B= 10KM SITE 3

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
06-11-64	24.95	L1	10%	56.5	73.5

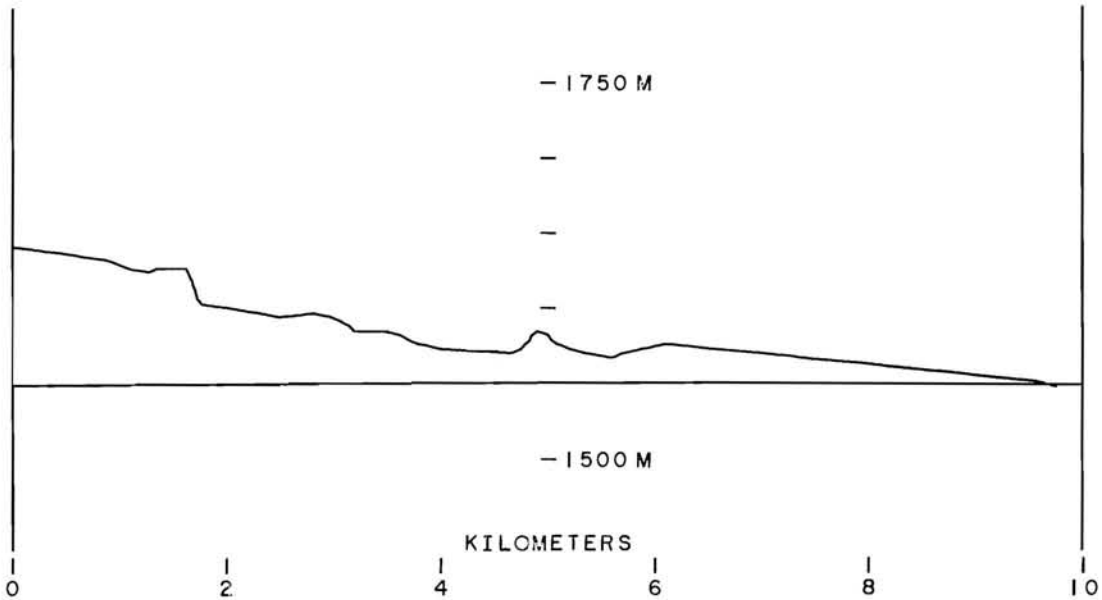
SITE IS SURROUNDED BY MOSTLY 60-70FT COTTONWOOD TREES. LOW FARM BUILDINGS IN LINE OF SIGHT PATH 200FT TO SW. POWER LINES AND TELEPHONE LINES PARALLEL BOTH SIDES OF ROAD. TWO POWER LINES CROSS ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 10,100,V,V, P,3)	27.1	-100.2	7.6	1.4	0.9	0.9	140.7	48.1
(PLNS, 10,100,V,V, P,6)	27.1	-99.9	7.6	-1.0	0.9	0.9	137.9	45.3
(PLNS, 10,100,V,V, P,9)	27.1	-95.6	7.6	-1.3	0.9	0.9	133.4	40.8
(PLNS, 10,100,V,V,AV,3)	27.1	-90.8	7.6	1.4	0.9	0.9	131.2	38.7
(PLNS, 10,100,V,V,AV,6)	27.1	-91.9	7.6	-1.0	0.9	0.9	129.9	37.4
(PLNS, 10,100,V,V,AV,9)	27.1	-89.2	7.6	-1.3	0.9	0.9	127.0	34.4
(PLNS, 10,100,V,V,AH,3)	27.1	-97.0	7.6	1.4	0.9	0.9	137.4	44.9
(PLNS, 10,100,V,V,AH,6)	27.1	-93.6	7.6	-1.0	0.9	0.9	131.6	39.1
(PLNS, 10,100,V,V,AH,9)	27.1	-87.2	7.6	-1.3	0.9	0.9	124.9	32.4
(PLNS, 10,100,H,V, P,3)	27.1	-105.6	9.6	-14.9	0.9	0.9	131.8	39.2
(PLNS, 10,100,H,V, P,6)	27.1	-109.0	9.6	-12.6	0.9	0.9	137.5	44.9
(PLNS, 10,100,H,V, P,9)	27.1	-105.6	9.6	-14.9	0.9	0.9	131.8	39.2
(PLNS, 10,100,H,V,AV,3)	27.1	-112.1	9.6	-14.9	0.9	0.9	138.3	45.7
(PLNS, 10,100,H,V,AV,6)	27.1	-106.6	9.6	-12.6	0.9	0.9	135.1	42.5
(PLNS, 10,100,H,V,AV,9)	27.1	-112.1	9.6	-14.9	0.9	0.9	138.3	45.7
(PLNS, 10,100,H,V,AH,3)	27.1	-107.5	9.6	-14.9	0.9	0.9	133.6	41.0
(PLNS, 10,100,H,V,AH,6)	27.1	-107.5	9.6	-12.6	0.9	0.9	135.9	43.3
(PLNS, 10,100,H,V,AH,9)	27.1	-116.8	9.6	-14.9	0.9	0.9	143.0	50.4
(PLNS, 10,100,V,H, P,3)	27.1	-107.2	7.6	-19.7	0.9	0.9	126.5	34.0
(PLNS, 10,100,V,H, P,6)	27.1	-104.5	7.6	-20.4	0.9	0.9	123.2	30.6
(PLNS, 10,100,V,H, P,9)	27.1	-105.0	7.6	-17.5	0.9	0.9	126.5	33.9
(PLNS, 10,100,V,H,AV,3)	27.1	-104.1	7.6	-19.7	0.9	0.9	123.5	30.9
(PLNS, 10,100,V,H,AV,6)	27.1	-104.1	7.6	-20.4	0.9	0.9	122.8	30.2
(PLNS, 10,100,V,H,AV,9)	27.1	-99.9	7.6	-17.5	0.9	0.9	121.4	28.8
(PLNS, 10,100,V,H,AH,3)	27.1	-104.1	7.6	-19.7	0.9	0.9	123.5	30.9
(PLNS, 10,100,V,H,AH,6)	27.1	-108.4	7.6	-20.4	0.9	0.9	127.0	34.5
(PLNS, 10,100,V,H,AH,9)	27.1	-105.9	7.6	-17.5	0.9	0.9	127.4	34.9
(PLNS, 10,100,H,H, P,3)	27.1	-97.9	9.6	-2.0	0.9	0.9	137.0	44.4
(PLNS, 10,100,H,H, P,6)	27.1	-89.8	9.6	1.6	0.9	0.9	132.4	39.9
(PLNS, 10,100,H,H, P,9)	27.1	-87.5	9.6	1.1	0.9	0.9	129.6	37.0
(PLNS, 10,100,H,H,AV,3)	27.1	-96.6	9.6	-2.0	0.9	0.9	135.6	43.1
(PLNS, 10,100,H,H,AV,6)	27.1	-89.8	9.6	1.6	0.9	0.9	132.4	39.9
(PLNS, 10,100,H,H,AV,9)	27.1	-85.6	9.6	1.1	0.9	0.9	127.8	35.2
(PLNS, 10,100,H,H,AH,3)	27.1	-95.2	9.6	-2.0	0.9	0.9	134.2	41.7
(PLNS, 10,100,H,H,AH,6)	27.1	-89.6	9.6	1.6	0.9	0.9	132.2	39.7
(PLNS, 10,100,H,H,AH,9)	27.1	-87.0	9.6	1.1	0.9	0.9	129.2	36.6
(KLIR, 49,100,H,H, P,3)	42.2	-102.2		-0.2		0.9	149.4	43.2
(KLIR, 49,100,H,H, P,6)	42.2	-97.9		1.5		0.9	146.8	40.6
(KLIR, 49,100,H,H, P,9)	42.2	-94.5		0.9		0.9	142.8	36.6
(KLIR, 49,100,H,H,AV,3)	42.2	-101.7		-0.2		0.9	148.9	42.7
(KLIR, 49,100,H,H,AV,6)	42.2	-98.9		1.5		0.9	147.8	41.6
(KLIR, 49,100,H,H,AV,9)	42.2	-94.4		0.9		0.9	142.7	36.5
(KLIR, 49,100,H,H,AH,3)	42.2	-104.3		-0.2		0.9	151.5	45.3
(KLIR, 49,100,H,H,AH,6)	42.2	-97.9		1.5		0.9	146.8	40.6
(KLIR, 49,100,H,H,AH,9)	42.2	-94.1		0.9		0.9	142.4	36.2

COLORADO PLAINS H= 10KM SITE 4

DATE 10-27-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10, 20,V,V, P,3)	24.0	-107.2	-2.6	-2.7	0.1	-0.0	125.8	47.3
(PLNS, 10, 20,V,V,AV,3)	24.0	-107.2	-2.6	-2.7	0.1	-0.0	125.8	47.3
(PLNS, 10, 20,V,V,AH,3)	24.0	-107.2	-2.6	-2.7	0.1	-0.0	125.8	47.3
(PLNS, 10, 50,V,V, P,1)	24.0	-102.5	-0.4	4.7	1.2	0.2	129.4	42.9
(PLNS, 10, 50,V,V, P,3)	24.0	-114.0	-0.4	0.7	1.2	0.2	136.9	50.4
(PLNS, 10, 50,V,V,AV,1)	24.0	-102.5	-0.4	4.7	1.2	0.2	129.4	42.9
(PLNS, 10, 50,V,V,AV,3)	24.0	-114.0	-0.4	0.7	1.2	0.2	136.9	50.4
(PLNS, 10, 50,V,V,AH,1)	24.0	-102.5	-0.4	4.7	1.2	0.2	129.4	42.9
(PLNS, 10, 50,V,V,AH,3)	24.0	-114.0	-0.4	0.7	1.2	0.2	136.9	50.4



COLORADO PLAINS R= 10KM SITE 4

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
06-12-64	25.93	L1	10%	55.0	75.0

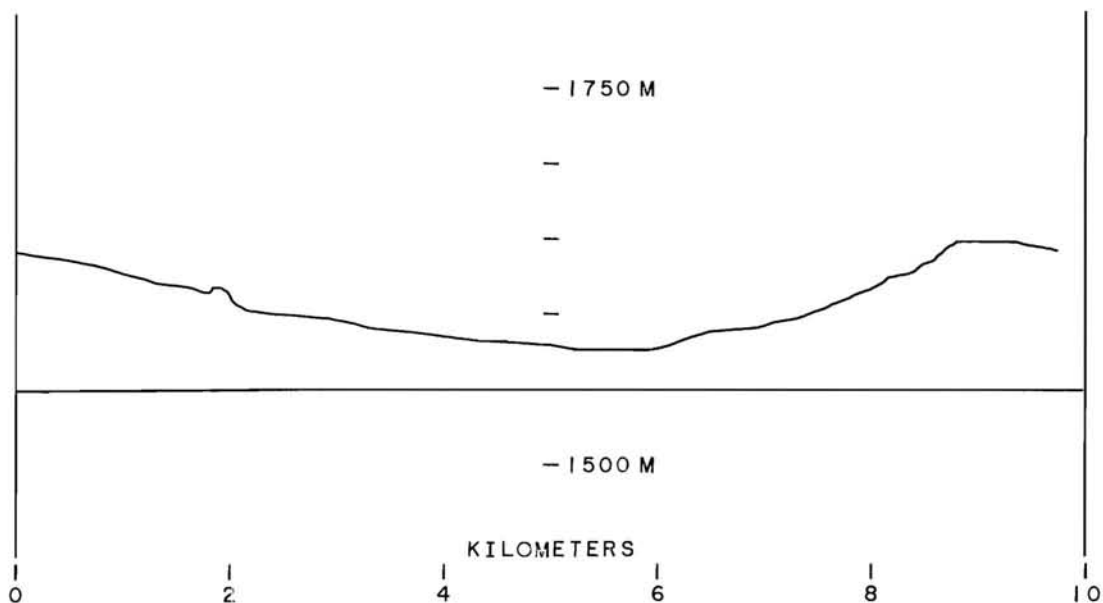
SITE IS GRASS AND FARM LAND WITH MEDIUM SIZE SCATTERED TREES 1/4 MILE TO SW. 2 POWER LINES PARALLEL TO ROAD ON SOUTH SIDE 20FT HIGH. TELEPHONE CABLE PARALLEL TO ROAD ON NORTH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 10,100,V,V, P,3)	27.1	-98.1	7.6	-4.1	0.9	0.9	133.0	40.5
(PLNS, 10,100,V,V, P,6)	27.1	-93.5	7.6	-2.4	0.9	0.9	130.1	37.6
(PLNS, 10,100,V,V, P,9)	27.1	-91.7	7.6	-2.2	0.9	0.9	128.5	35.9
(PLNS, 10,100,V,V,AV,3)	27.1	-98.1	7.6	-4.1	0.9	0.9	133.0	40.5
(PLNS, 10,100,V,V,AV,6)	27.1	-93.5	7.6	-2.4	0.9	0.9	130.1	37.6
(PLNS, 10,100,V,V,AV,9)	27.1	-91.7	7.6	-2.2	0.9	0.9	128.5	35.9
(PLNS, 10,100,V,V,AH,3)	27.1	-98.1	7.6	-4.1	0.9	0.9	133.0	40.5
(PLNS, 10,100,V,V,AH,6)	27.1	-93.5	7.6	-2.4	0.9	0.9	130.1	37.6
(PLNS, 10,100,V,V,AH,9)	27.1	-91.7	7.6	-2.2	0.9	0.9	128.5	35.9
(PLNS, 10,100,H,V, P,3)	27.1	-112.4	9.6	-19.9	0.9	0.9	133.5	41.0
(PLNS, 10,100,H,V, P,6)	27.1	-107.2	9.6	-22.3	0.9	0.9	125.9	33.4
(PLNS, 10,100,H,V, P,9)	27.1	-114.1	9.6	-24.0	0.9	0.9	131.1	38.6
(PLNS, 10,100,H,V,AV,3)	27.1	-112.4	9.6	-19.9	0.9	0.9	133.5	41.0
(PLNS, 10,100,H,V,AV,6)	27.1	-107.2	9.6	-22.3	0.9	0.9	125.9	33.4
(PLNS, 10,100,H,V,AV,9)	27.1	-114.1	9.6	-24.0	0.9	0.9	131.1	38.6
(PLNS, 10,100,H,V,AH,3)	27.1	-112.4	9.6	-19.9	0.9	0.9	133.5	41.0
(PLNS, 10,100,H,V,AH,6)	27.1	-107.2	9.6	-22.3	0.9	0.9	125.9	33.4
(PLNS, 10,100,H,V,AH,9)	27.1	-114.1	9.6	-24.0	0.9	0.9	131.1	38.6
(PLNS, 10,100,V,H, P,3)	27.1	-111.9	7.6	-17.8	0.9	0.9	133.1	40.6
(PLNS, 10,100,V,H, P,6)	27.1	-103.9	7.6	-18.0	0.9	0.9	125.0	32.4
(PLNS, 10,100,V,H, P,9)	27.1	-98.1	7.6	-16.5	0.9	0.9	120.6	28.1
(PLNS, 10,100,V,H,AV,3)	27.1	-111.9	7.6	-17.8	0.9	0.9	133.1	40.6
(PLNS, 10,100,V,H,AV,6)	27.1	-103.9	7.6	-18.0	0.9	0.9	125.0	32.4
(PLNS, 10,100,V,H,AV,9)	27.1	-98.1	7.6	-16.5	0.9	0.9	120.6	28.1
(PLNS, 10,100,V,H,AH,3)	27.1	-111.9	7.6	-17.8	0.9	0.9	133.1	40.6
(PLNS, 10,100,V,H,AH,6)	27.1	-103.9	7.6	-18.0	0.9	0.9	125.0	32.4
(PLNS, 10,100,V,H,AH,9)	27.1	-98.1	7.6	-16.5	0.9	0.9	120.6	28.1
(PLNS, 10,100,H,H, P,3)	27.1	-94.1	9.6	-0.2	0.9	0.9	134.9	42.4
(PLNS, 10,100,H,H, P,6)	27.1	-88.5	9.6	1.0	0.9	0.9	130.6	38.0
(PLNS, 10,100,H,H, P,9)	27.1	-87.2	9.6	0.6	0.9	0.9	128.8	36.3
(PLNS, 10,100,H,H,AV,3)	27.1	-94.1	9.6	-0.2	0.9	0.9	134.9	42.4
(PLNS, 10,100,H,H,AV,6)	27.1	-88.5	9.6	1.0	0.9	0.9	130.6	38.0
(PLNS, 10,100,H,H,AV,9)	27.1	-87.2	9.6	0.6	0.9	0.9	128.8	36.3
(PLNS, 10,100,H,H,AH,3)	27.1	-94.1	9.6	-0.2	0.9	0.9	134.9	42.4
(PLNS, 10,100,H,H,AH,6)	27.1	-88.5	9.6	1.0	0.9	0.9	130.6	38.0
(PLNS, 10,100,H,H,AH,9)	27.1	-87.2	9.6	0.6	0.9	0.9	128.8	36.3
(KLIR, 47,100,H,H, P,3)	42.2	-108.4		1.0		0.9	156.8	50.9
(KLIR, 47,100,H,H, P,6)	42.2	-101.4		1.4		0.9	150.2	44.4
(KLIR, 47,100,H,H, P,9)	42.2	-99.2		1.1		0.9	147.7	41.8
(KLIR, 47,100,H,H,AV,3)	42.2	-108.4		1.0		0.9	156.8	50.9
(KLIR, 47,100,H,H,AV,6)	42.2	-101.4		1.4		0.9	150.2	44.4
(KLIR, 47,100,H,H,AV,9)	42.2	-99.2		1.1		0.9	147.7	41.8
(KLIR, 47,100,H,H,AH,3)	42.2	-108.4		1.0		0.9	156.8	50.9
(KLIR, 47,100,H,H,AH,6)	42.2	-101.4		1.4		0.9	150.2	44.4
(KLIR, 47,100,H,H,AH,9)	42.2	-99.2		1.1		0.9	147.7	41.8

COLORADO PLAINS R= 10KM SITE 5

DATE 10-29-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10, 20,V,V, P,3)	24.0	-100.0	-1.6	-2.0	0.1	-0.0	120.3	41.8
(PLNS, 10, 20,V,V,AV,3)	24.0	-98.2	-1.6	-2.0	0.1	-0.0	118.5	40.0
(PLNS, 10, 20,V,V,AH,3)	24.0	-97.3	-1.6	-2.0	0.1	-0.0	117.6	39.1
(PLNS, 10, 50,V,V, P,1)	24.0	-111.7	-1.9	5.7	1.2	0.2	138.1	51.6
(PLNS, 10, 50,V,V, P,3)	24.0	-109.5	-1.9	-0.8	1.2	0.2	129.4	42.9
(PLNS, 10, 50,V,V,AV,1)	24.0	-102.1	-1.9	5.7	1.2	0.2	128.5	42.0
(PLNS, 10, 50,V,V,AV,3)	24.0	-110.3	-1.9	-0.8	1.2	0.2	130.2	43.7
(PLNS, 10, 50,V,V,AH,1)	24.0	-102.1	-1.9	5.7	1.2	0.2	128.5	42.0
(PLNS, 10, 50,V,V,AH,3)	24.0	-107.2	-1.9	-0.8	1.2	0.2	127.1	40.6



COLORADO PLAINS B= 10KM SITE 5

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
06-12-64	24.65	L1,L5	30%	54.0	74.0

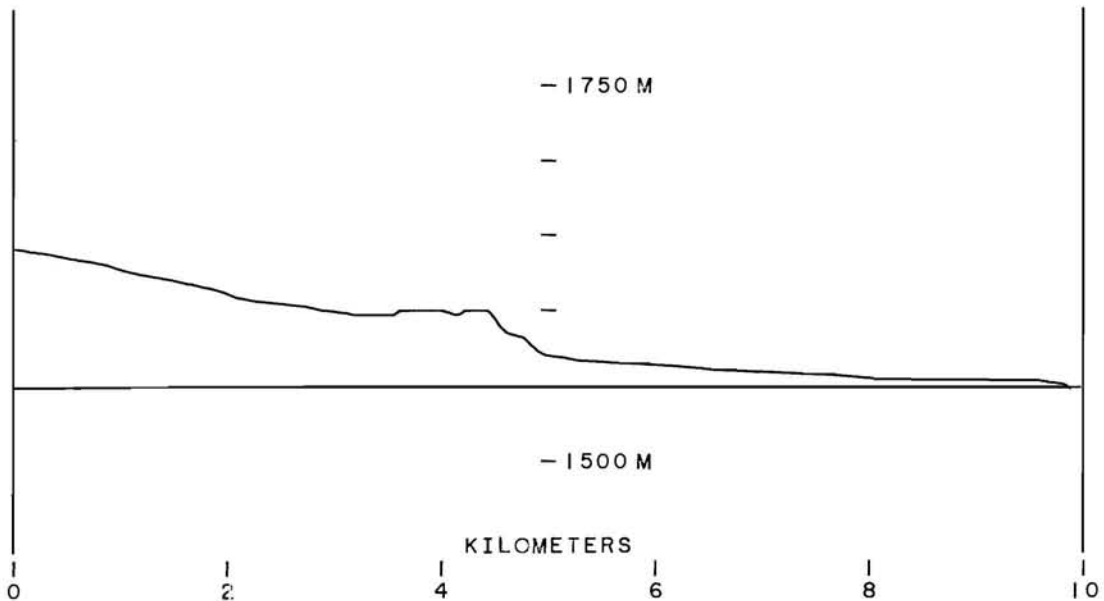
AREA IS WHEATFIELD AND OVER BROW OF HILL. HORIZON IS ABOUT 500FT TO SW FOR LINE OF SIGHT PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10,100,V,V, P,3)	27.1	-94.7	7.6	-3.6	0.9	0.9	130.2	37.6
(PLNS, 10,100,V,V, P,6)	27.1	-88.5	7.6	-2.2	0.9	0.9	125.4	32.8
(PLNS, 10,100,V,V, P,9)	27.1	-85.0	7.6	-2.2	0.9	0.9	121.8	29.2
(PLNS, 10,100,V,V,AV,3)	27.1	-86.1	7.6	-3.6	0.9	0.9	121.6	29.0
(PLNS, 10,100,V,V,AV,6)	27.1	-84.1	7.6	-2.2	0.9	0.9	121.0	28.4
(PLNS, 10,100,V,V,AV,9)	27.1	-81.0	7.6	-2.2	0.9	0.9	117.9	25.3
(PLNS, 10,100,V,V,AH,3)	27.1	-89.0	7.6	-3.6	0.9	0.9	124.5	31.9
(PLNS, 10,100,V,V,AH,6)	27.1	-84.5	7.6	-2.2	0.9	0.9	121.4	28.8
(PLNS, 10,100,V,V,AH,9)	27.1	-80.3	7.6	-2.2	0.9	0.9	117.2	24.6
(PLNS, 10,100,H,V, P,3)	27.1	-92.7	9.6	-20.5	0.9	0.9	113.2	20.6
(PLNS, 10,100,H,V, P,6)	27.1	-91.2	9.6	-19.5	0.9	0.9	112.7	20.2
(PLNS, 10,100,H,V, P,9)	27.1	-91.2	9.6	-18.8	0.9	0.9	113.4	20.9
(PLNS, 10,100,H,V,AV,3)	27.1	-106.6	9.6	-20.5	0.9	0.9	127.2	34.6
(PLNS, 10,100,H,V,AV,6)	27.1	-112.4	9.6	-19.5	0.9	0.9	133.9	41.4
(PLNS, 10,100,H,V,AV,9)	27.1	-99.9	9.6	-18.8	0.9	0.9	122.1	29.5
(PLNS, 10,100,H,V,AH,3)	27.1	-109.0	9.6	-20.5	0.9	0.9	129.6	37.0
(PLNS, 10,100,H,V,AH,6)	27.1	-101.7	9.6	-19.5	0.9	0.9	123.3	30.7
(PLNS, 10,100,H,V,AH,9)	27.1	-104.3	9.6	-18.8	0.9	0.9	126.6	34.0
(PLNS, 10,100,V,H, P,3)	27.1	-115.8	7.6	-19.0	0.9	0.9	135.8	43.3
(PLNS, 10,100,V,H, P,6)	27.1	-101.4	7.6	-15.3	0.9	0.9	125.2	32.6
(PLNS, 10,100,V,H, P,9)	27.1	-93.8	7.6	-15.7	0.9	0.9	117.1	24.6
(PLNS, 10,100,V,H,AV,3)	27.1	-95.6	7.6	-19.0	0.9	0.9	115.6	23.1
(PLNS, 10,100,V,H,AV,6)	27.1	-90.4	7.6	-15.3	0.9	0.9	114.1	21.5
(PLNS, 10,100,V,H,AV,9)	27.1	-88.5	7.6	-15.7	0.9	0.9	111.9	19.3
(PLNS, 10,100,V,H,AH,3)	27.1	-95.6	7.6	-19.0	0.9	0.9	115.6	23.1
(PLNS, 10,100,V,H,AH,6)	27.1	-90.8	7.6	-15.3	0.9	0.9	114.5	22.0
(PLNS, 10,100,V,H,AH,9)	27.1	-88.4	7.6	-15.7	0.9	0.9	111.7	19.2
(PLNS, 10,100,H,H, P,3)	27.1	-95.3	9.6	-0.3	0.9	0.9	136.1	43.5
(PLNS, 10,100,H,H, P,6)	27.1	-87.2	9.6	1.4	0.9	0.9	129.6	37.1
(PLNS, 10,100,H,H, P,9)	27.1	-80.1	9.6	0.9	0.9	0.9	122.0	29.5
(PLNS, 10,100,H,H,AV,3)	27.1	-87.9	9.6	-0.3	0.9	0.9	128.6	36.1
(PLNS, 10,100,H,H,AV,6)	27.1	-80.1	9.6	1.4	0.9	0.9	122.5	30.0
(PLNS, 10,100,H,H,AV,9)	27.1	-75.4	9.6	0.9	0.9	0.9	117.4	24.8
(PLNS, 10,100,H,H,AH,3)	27.1	-85.4	9.6	-0.3	0.9	0.9	126.1	33.6
(PLNS, 10,100,H,H,AH,6)	27.1	-78.9	9.6	1.4	0.9	0.9	121.4	28.8
(PLNS, 10,100,H,H,AH,9)	27.1	-74.4	9.6	0.9	0.9	0.9	116.3	23.8
(KLIR, 43,100,H,H, P,3)	42.2	-90.6		1.0		0.9	139.0	33.7
(KLIR, 43,100,H,H, P,6)	42.2	-87.0		1.4		0.9	135.8	30.6
(KLIR, 43,100,H,H, P,9)	42.2	-83.9		1.1		0.9	132.4	27.2
(KLIR, 43,100,H,H,AV,3)	42.2	-89.6		1.0		0.9	138.0	32.8
(KLIR, 43,100,H,H,AV,6)	42.2	-81.4		1.4		0.9	130.2	25.0
(KLIR, 43,100,H,H,AV,9)	42.2	-77.9		1.1		0.9	126.4	21.2
(KLIR, 43,100,H,H,AH,3)	42.2	-90.4		1.0		0.9	138.8	33.5
(KLIR, 43,100,H,H,AH,6)	42.2	-80.5		1.4		0.9	129.3	24.1
(KLIR, 43,100,H,H,AH,9)	42.2	-77.2		1.1		0.9	125.7	20.5

COLORADO PLAINS B= 10KM SITE 6

DATE 10-29-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10, 20,V,V, P,3)	24.0	-107.5	-0.7	1.5	0.1	-0.0	132.2	53.7
(PLNS, 10, 20,V,V,AV,3)	24.0	-105.2	-0.7	1.5	0.1	-0.0	129.9	51.4
(PLNS, 10, 20,V,V,AH,3)	24.0	-107.5	-0.7	1.5	0.1	-0.0	132.2	53.7
(PLNS, 10, 50,V,V, P,1)	24.0	-122.1	-2.2	-3.7	1.2	0.2	138.8	52.3
(PLNS, 10, 50,V,V, P,3)	24.0	-104.2	-2.2	6.5	1.2	0.2	131.1	44.6
(PLNS, 10, 50,V,V,AV,1)	24.0	-114.0	-2.2	-3.7	1.2	0.2	130.7	44.2
(PLNS, 10, 50,V,V,AV,3)	24.0	-108.0	-2.2	6.5	1.2	0.2	134.9	48.4
(PLNS, 10, 50,V,V,AH,1)	24.0	-122.1	-2.2	-3.7	1.2	0.2	138.8	52.3
(PLNS, 10, 50,V,V,AH,3)	24.0	-104.2	-2.2	6.5	1.2	0.2	131.1	44.6



COLORADO PLAINS B= 10KM SITE 6

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
06-12-64	24.88	L1,L5	20%	57.0	80.0

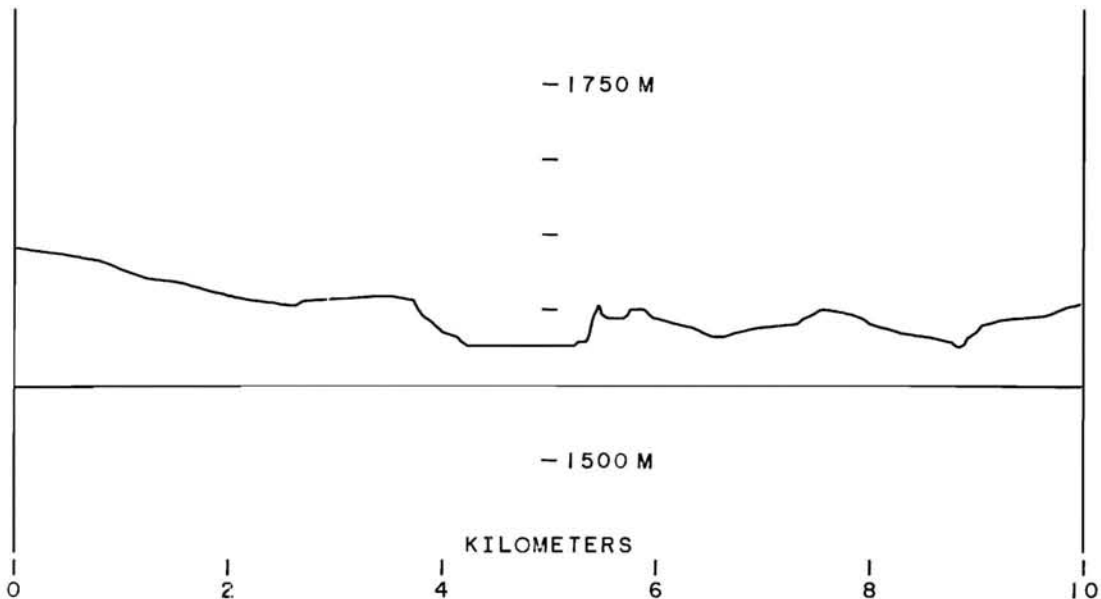
SITE IS FARMLAND WITH FEW 60FT TREES 500FT TO WEST IN PATH LINE. TELEPHONE WIRES (19) PARALLEL TO ROAD AND ABOUT 15FT ABOVE ROAD LEVEL.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10,100,V,V, P,3)	27.1	-92.7	7.6	0.8	0.9	0.9	132.5	39.9
(PLNS, 10,100,V,V, P,6)	27.1	-90.6	7.6	-0.4	0.9	0.9	129.2	36.6
(PLNS, 10,100,V,V, P,9)	27.1	-87.2	7.6	-1.2	0.9	0.9	125.0	32.5
(PLNS, 10,100,V,V,AV,3)	27.1	-89.4	7.6	0.8	0.9	0.9	129.2	36.7
(PLNS, 10,100,V,V,AV,6)	27.1	-84.6	7.6	-0.4	0.9	0.9	123.3	30.7
(PLNS, 10,100,V,V,AV,9)	27.1	-84.3	7.6	-1.2	0.9	0.9	122.2	29.6
(PLNS, 10,100,V,V,AH,3)	27.1	-89.4	7.6	0.8	0.9	0.9	129.2	36.7
(PLNS, 10,100,V,V,AH,6)	27.1	-84.6	7.6	-0.4	0.9	0.9	123.3	30.7
(PLNS, 10,100,V,V,AH,9)	27.1	-84.3	7.6	-1.2	0.9	0.9	122.2	29.6
(PLNS, 10,100,H,V, P,3)	27.1	-112.9	9.6	-16.9	0.9	0.9	137.1	44.5
(PLNS, 10,100,H,V, P,6)	27.1	-105.0	9.6	-15.3	0.9	0.9	130.7	38.1
(PLNS, 10,100,H,V, P,9)	27.1	-98.9	9.6	-18.5	0.9	0.9	121.5	28.9
(PLNS, 10,100,H,V,AV,3)	27.1	-109.8	9.6	-16.9	0.9	0.9	133.9	41.4
(PLNS, 10,100,H,V,AV,6)	27.1	-101.4	9.6	-15.3	0.9	0.9	127.2	34.6
(PLNS, 10,100,H,V,AV,9)	27.1	-96.2	9.6	-18.5	0.9	0.9	118.7	26.2
(PLNS, 10,100,H,V,AH,3)	27.1	-109.8	9.6	-16.9	0.9	0.9	133.9	41.4
(PLNS, 10,100,H,V,AH,6)	27.1	-101.4	9.6	-15.3	0.9	0.9	127.2	34.6
(PLNS, 10,100,H,V,AH,9)	27.1	-96.2	9.6	-18.5	0.9	0.9	118.7	26.2
(PLNS, 10,100,V,H, P,3)	27.1	-103.0	7.6	-21.0	0.9	0.9	121.1	28.5
(PLNS, 10,100,V,H, P,6)	27.1	-101.7	7.6	-15.9	0.9	0.9	124.9	32.3
(PLNS, 10,100,V,H, P,9)	27.1	-98.7	7.6	-16.4	0.9	0.9	121.4	28.8
(PLNS, 10,100,V,H,AV,3)	27.1	-107.5	7.6	-21.0	0.9	0.9	125.5	32.9
(PLNS, 10,100,V,H,AV,6)	27.1	-99.5	7.6	-15.9	0.9	0.9	122.6	30.1
(PLNS, 10,100,V,H,AV,9)	27.1	-92.7	7.6	-16.4	0.9	0.9	115.3	22.7
(PLNS, 10,100,V,H,AH,3)	27.1	-107.5	7.6	-21.0	0.9	0.9	125.5	32.9
(PLNS, 10,100,V,H,AH,6)	27.1	-99.5	7.6	-15.9	0.9	0.9	122.6	30.1
(PLNS, 10,100,V,H,AH,9)	27.1	-92.7	7.6	-16.4	0.9	0.9	115.3	22.7
(PLNS, 10,100,H,H, P,3)	27.1	-89.0	9.6	-0.1	0.9	0.9	130.0	37.4
(PLNS, 10,100,H,H, P,6)	27.1	-83.9	9.6	1.5	0.9	0.9	126.5	33.9
(PLNS, 10,100,H,H, P,9)	27.1	-81.4	9.6	1.3	0.9	0.9	123.8	31.2
(PLNS, 10,100,H,H,AV,3)	27.1	-86.0	9.6	-0.1	0.9	0.9	126.9	34.4
(PLNS, 10,100,H,H,AV,6)	27.1	-83.9	9.6	1.5	0.9	0.9	126.5	33.9
(PLNS, 10,100,H,H,AV,9)	27.1	-80.5	9.6	1.3	0.9	0.9	122.8	30.3
(PLNS, 10,100,H,H,AH,3)	27.1	-86.0	9.6	-0.1	0.9	0.9	126.9	34.4
(PLNS, 10,100,H,H,AH,6)	27.1	-83.9	9.6	1.5	0.9	0.9	126.5	33.9
(PLNS, 10,100,H,H,AH,9)	27.1	-80.5	9.6	1.3	0.9	0.9	122.8	30.3
(KLIR, 40,100,H,H, P,3)	42.2	-97.9		-0.1		0.9	145.2	40.8
(KLIR, 40,100,H,H, P,6)	42.2	-93.2		1.2		0.9	141.8	37.3
(KLIR, 40,100,H,H, P,9)	42.2	-90.8		0.9		0.9	139.1	34.6
(KLIR, 40,100,H,H,AV,3)	42.2	-103.0		-0.1		0.9	150.3	45.9
(KLIR, 40,100,H,H,AV,6)	42.2	-97.0		1.2		0.9	145.6	41.2
(KLIR, 40,100,H,H,AV,9)	42.2	-95.4		0.9		0.9	143.7	39.3
(KLIR, 40,100,H,H,AH,3)	42.2	-103.0		-0.1		0.9	150.3	45.9
(KLIR, 40,100,H,H,AH,6)	42.2	-97.0		1.2		0.9	145.6	41.2
(KLIR, 40,100,H,H,AH,9)	42.2	-95.4		0.9		0.9	143.7	39.3

COLORADO PLAINS B= 10KM SITE 7

DATE 10-29-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10, 20,V,V, P,3)	24.0	-98.0	-1.0	-2.2	0.1	-0.0	118.7	40.2
(PLNS, 10, 20,V,V,AV,3)	24.0	-96.0	-1.0	-2.2	0.1	-0.0	116.7	38.2
(PLNS, 10, 20,V,V,AH,3)	24.0	-96.5	-1.0	-2.2	0.1	-0.0	117.2	38.7
(PLNS, 10, 50,V,V, P,1)	24.0	-102.0	-2.2	2.0	1.2	0.2	124.4	37.9
(PLNS, 10, 50,V,V, P,3)	24.0	-106.3	-2.2	3.5	1.2	0.2	130.2	43.7
(PLNS, 10, 50,V,V,AV,1)	24.0	-103.5	-2.2	2.0	1.2	0.2	125.9	39.4
(PLNS, 10, 50,V,V,AV,3)	24.0	-103.5	-2.2	3.5	1.2	0.2	127.4	40.9
(PLNS, 10, 50,V,V,AH,1)	24.0	-104.3	-2.2	2.0	1.2	0.2	126.7	40.2
(PLNS, 10, 50,V,V,AH,3)	24.0	-105.2	-2.2	3.5	1.2	0.2	129.1	42.6



COLORADO PLAINS B= 10KM SITE 7

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
06-15-64	24.76	L1	40%	60.0	81.5

MOSTLY LEVEL FARMLAND. 2-WIRE POWER LINE PARALLEL TO ROAD 25FT HIGH, ABOUT 9FT FROM ANTENNA. 18 PHONE LINES AND 1 CABLE LINE PARALLEL TO ROAD ON NORTH SIDE.

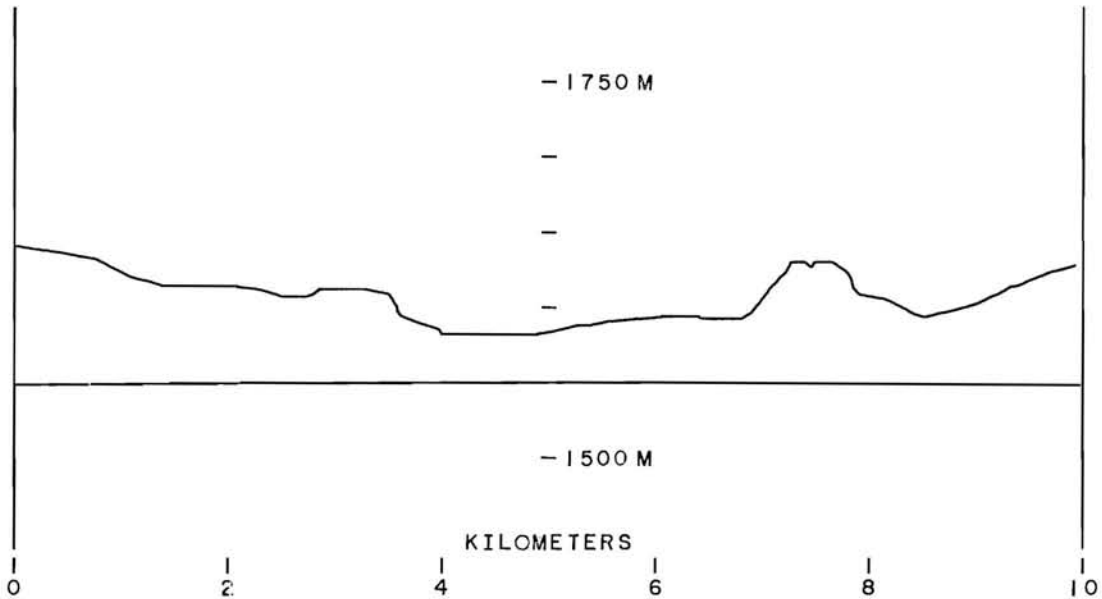
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10,100,V,V, P,3)	27.1	-84.7	7.6	-0.2	0.9	0.9	123.6	31.0
(PLNS, 10,100,V,V, P,6)	27.1	-79.9	7.6	-1.3	0.9	0.9	117.6	25.0
(PLNS, 10,100,V,V, P,9)	27.1	-77.0	7.6	-1.9	0.9	0.9	114.1	21.6
(PLNS, 10,100,V,V,AV,3)	27.1	-79.5	7.6	-0.2	0.9	0.9	118.3	25.8
(PLNS, 10,100,V,V,AV,6)	27.1	-82.8	7.6	-1.3	0.9	0.9	120.6	28.0
(PLNS, 10,100,V,V,AV,9)	27.1	-81.4	7.6	-1.9	0.9	0.9	118.6	26.0
(PLNS, 10,100,V,V,AH,3)	27.1	-81.7	7.6	-0.2	0.9	0.9	120.6	28.0
(PLNS, 10,100,V,V,AH,6)	27.1	-83.7	7.6	-1.3	0.9	0.9	121.5	28.9
(PLNS, 10,100,V,V,AH,9)	27.1	-79.7	7.6	-1.9	0.9	0.9	116.9	24.3
(PLNS, 10,100,H,V, P,3)	27.1	-96.7	9.6	-15.0	0.9	0.9	122.8	30.2
(PLNS, 10,100,H,V, P,6)	27.1	-108.7	9.6	-12.5	0.9	0.9	137.2	44.7
(PLNS, 10,100,H,V, P,9)	27.1	**	9.6	-14.9	0.9	0.9	**	**
(PLNS, 10,100,H,V,AV,3)	27.1	-95.8	9.6	-15.0	0.9	0.9	121.8	29.3
(PLNS, 10,100,H,V,AV,6)	27.1	-96.4	9.6	-12.5	0.9	0.9	125.0	32.4
(PLNS, 10,100,H,V,AV,9)	27.1	-90.0	9.6	-14.9	0.9	0.9	116.1	23.5
(PLNS, 10,100,H,V,AH,3)	27.1	-94.4	9.6	-15.0	0.9	0.9	120.4	27.9
(PLNS, 10,100,H,V,AH,6)	27.1	-98.2	9.6	-12.5	0.9	0.9	126.7	34.2
(PLNS, 10,100,H,V,AH,9)	27.1	-100.3	9.6	-14.9	0.9	0.9	126.5	33.9
(PLNS, 10,100,V,H, P,3)	27.1	-100.3	7.6	-21.3	0.9	0.9	118.1	25.5
(PLNS, 10,100,V,H, P,6)	27.1	-98.6	7.6	-19.3	0.9	0.9	118.4	25.8
(PLNS, 10,100,V,H, P,9)	27.1	-98.8	7.6	-16.4	0.9	0.9	121.5	28.9
(PLNS, 10,100,V,H,AV,3)	27.1	-95.4	7.6	-21.3	0.9	0.9	113.2	20.6
(PLNS, 10,100,V,H,AV,6)	27.1	-91.0	7.6	-19.3	0.9	0.9	110.7	18.2
(PLNS, 10,100,V,H,AV,9)	27.1	-87.3	7.6	-16.4	0.9	0.9	110.0	17.4
(PLNS, 10,100,V,H,AH,3)	27.1	-93.8	7.6	-21.3	0.9	0.9	111.5	19.0
(PLNS, 10,100,V,H,AH,6)	27.1	-95.4	7.6	-19.3	0.9	0.9	115.2	22.6
(PLNS, 10,100,V,H,AH,9)	27.1	-87.8	7.6	-16.4	0.9	0.9	110.4	17.8
(PLNS, 10,100,H,H, P,3)	27.1	-87.2	9.6	-1.7	0.9	0.9	126.5	34.0
(PLNS, 10,100,H,H, P,6)	27.1	-79.9	9.6	1.6	0.9	0.9	122.5	29.9
(PLNS, 10,100,H,H, P,9)	27.1	-74.1	9.6	1.1	0.9	0.9	116.2	23.7
(PLNS, 10,100,H,H,AV,3)	27.1	-91.9	9.6	-1.7	0.9	0.9	131.2	38.7
(PLNS, 10,100,H,H,AV,6)	27.1	-77.0	9.6	1.6	0.9	0.9	119.6	27.1
(PLNS, 10,100,H,H,AV,9)	27.1	-76.6	9.6	1.1	0.9	0.9	118.7	26.2
(PLNS, 10,100,H,H,AH,3)	27.1	-83.9	9.6	-1.7	0.9	0.9	123.3	30.7
(PLNS, 10,100,H,H,AH,6)	27.1	-78.9	9.6	1.6	0.9	0.9	121.6	29.0
(PLNS, 10,100,H,H,AH,9)	27.1	-74.9	9.6	1.1	0.9	0.9	117.1	24.5
(KLIR, 37,100,H,H, P,3)	42.2	-95.4		1.0		0.9	143.8	39.9
(KLIR, 37,100,H,H, P,6)	42.2	-91.2		1.4		0.9	140.0	36.1
(KLIR, 37,100,H,H, P,9)	42.2	-87.3		1.1		0.9	135.8	31.9
(KLIR, 37,100,H,H,AV,3)	42.2	-105.0		1.0		0.9	153.4	49.5
(KLIR, 37,100,H,H,AV,6)	42.2	-96.4		1.4		0.9	145.2	41.3
(KLIR, 37,100,H,H,AV,9)	42.2	-97.3		1.1		0.9	145.8	41.9
(KLIR, 37,100,H,H,AH,3)	42.2	-101.2		1.0		0.9	149.6	45.7
(KLIR, 37,100,H,H,AH,6)	42.2	-90.6		1.4		0.9	139.4	35.5
(KLIR, 37,100,H,H,AH,9)	42.2	-87.5		1.1		0.9	136.0	32.1

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 10KM SITE 8

DATE 10-29-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10, 20,V,V, P,3)	24.0	-97.7	-1.5	-2.6	0.1	-0.0	117.5	39.0
(PLNS, 10, 20,V,V,AV,3)	24.0	-95.7	-1.5	-2.6	0.1	-0.0	115.5	37.0
(PLNS, 10, 20,V,V,AH,3)	24.0	-97.7	-1.5	-2.6	0.1	-0.0	117.5	39.0
(PLNS, 10, 50,V,V, P,1)	24.0	-101.0	-2.2	-1.6	1.2	0.2	119.8	33.3
(PLNS, 10, 50,V,V, P,3)	24.0	-102.0	-2.2	-3.7	1.2	0.2	118.7	32.2
(PLNS, 10, 50,V,V,AV,1)	24.0	-99.5	-2.2	-1.6	1.2	0.2	118.3	31.8
(PLNS, 10, 50,V,V,AV,3)	24.0	-100.8	-2.2	-3.7	1.2	0.2	117.5	31.0
(PLNS, 10, 50,V,V,AH,1)	24.0	-98.8	-2.2	-1.6	1.2	0.2	117.6	31.1
(PLNS, 10, 50,V,V,AH,3)	24.0	-100.0	-2.2	-3.7	1.2	0.2	116.7	30.2



COLORADO PLAINS R= 10KM SITE 8

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN	
DATE	PRESSURE	TYPE	PERCENT	WET	DRY
06-15-64	27.10	L1,L5	60%	61.5	86.5

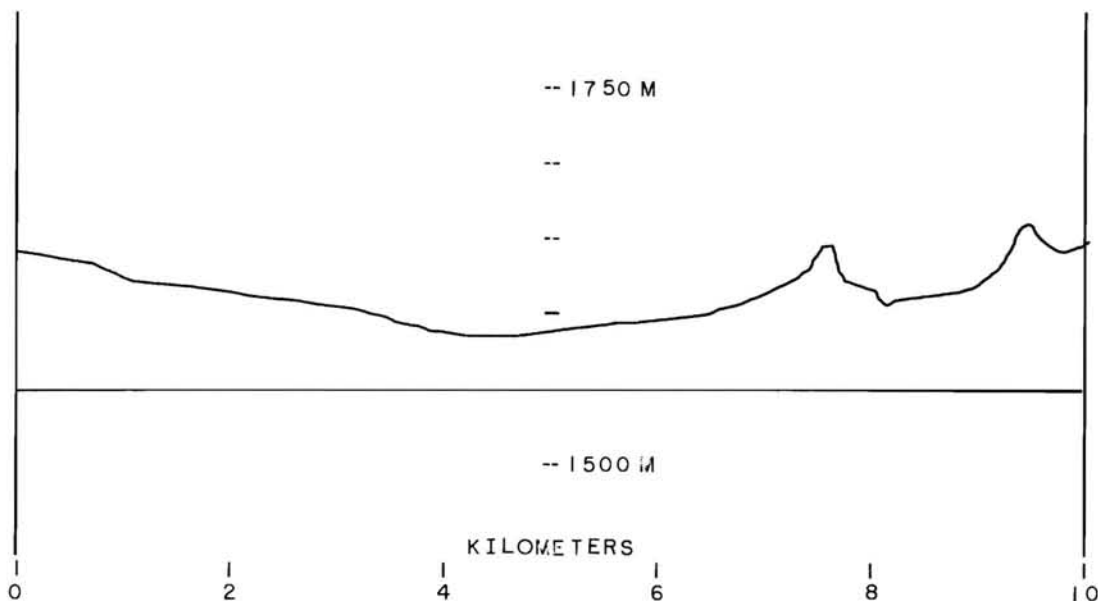
SUBURBAN AREA - LOW 1-STORY BRICK HOMES, FEW LOW SCATTERED TREES. 8
 POWER LINES ON SOUTH SIDE OF AND PARALLEL TO ROAD. PHONE CABLE PARALLEL
 NORTHERN SIDE OF ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10,100,V,V, P,3)	27.1	-86.4	7.6	0.7	0.9	0.9	126.1	33.6
(PLNS, 10,100,V,V, P,6)	27.1	-82.5	7.6	-1.1	0.9	0.9	120.5	27.9
(PLNS, 10,100,V,V, P,9)	27.1	-79.2	7.6	-1.6	0.9	0.9	116.6	24.0
(PLNS, 10,100,V,V,AV,3)	27.1	-80.5	7.6	0.7	0.9	0.9	120.2	27.7
(PLNS, 10,100,V,V,AV,6)	27.1	-77.2	7.6	-1.1	0.9	0.9	115.1	22.6
(PLNS, 10,100,V,V,AV,9)	27.1	-74.1	7.6	-1.6	0.9	0.9	111.5	19.0
(PLNS, 10,100,V,V,AH,3)	27.1	-83.4	7.6	0.7	0.9	0.9	123.1	30.6
(PLNS, 10,100,V,V,AH,6)	27.1	-79.5	7.6	-1.1	0.9	0.9	117.4	24.9
(PLNS, 10,100,V,V,AH,9)	27.1	-77.0	7.6	-1.6	0.9	0.9	114.4	21.9
(PLNS, 10,100,H,V, P,3)	27.1	-102.7	9.6	-14.8	0.9	0.9	128.9	36.4
(PLNS, 10,100,H,V, P,6)	27.1	-89.8	9.6	-12.4	0.9	0.9	118.4	25.9
(PLNS, 10,100,H,V, P,9)	27.1	-92.1	9.6	-14.8	0.9	0.9	118.4	25.8
(PLNS, 10,100,H,V,AV,3)	27.1	-93.8	9.6	-14.8	0.9	0.9	120.0	27.5
(PLNS, 10,100,H,V,AV,6)	27.1	-85.6	9.6	-12.4	0.9	0.9	114.3	21.7
(PLNS, 10,100,H,V,AV,9)	27.1	-107.2	9.6	-14.8	0.9	0.9	133.4	40.9
(PLNS, 10,100,H,V,AH,3)	27.1	-100.1	9.6	-14.8	0.9	0.9	126.3	33.8
(PLNS, 10,100,H,V,AH,6)	27.1	-91.3	9.6	-12.4	0.9	0.9	120.0	27.4
(PLNS, 10,100,H,V,AH,9)	27.1	-93.2	9.6	-14.8	0.9	0.9	119.4	26.9
(PLNS, 10,100,V,H, P,3)	27.1	-98.2	7.6	-20.6	0.9	0.9	116.6	24.1
(PLNS, 10,100,V,H, P,6)	27.1	-88.5	7.6	-20.5	0.9	0.9	107.1	14.5
(PLNS, 10,100,V,H, P,9)	27.1	-88.5	7.6	-17.0	0.9	0.9	110.6	18.0
(PLNS, 10,100,V,H,AV,3)	27.1	-92.9	7.6	-20.6	0.9	0.9	111.4	18.8
(PLNS, 10,100,V,H,AV,6)	27.1	-88.5	7.6	-20.5	0.9	0.9	107.1	14.5
(PLNS, 10,100,V,H,AV,9)	27.1	-86.1	7.6	-17.0	0.9	0.9	108.2	15.6
(PLNS, 10,100,V,H,AH,3)	27.1	-94.7	7.6	-20.6	0.9	0.9	113.2	20.6
(PLNS, 10,100,V,H,AH,6)	27.1	-87.5	7.6	-20.5	0.9	0.9	106.0	13.4
(PLNS, 10,100,V,H,AH,9)	27.1	-86.1	7.6	-17.0	0.9	0.9	108.2	15.6
(PLNS, 10,100,H,H, P,3)	27.1	-83.9	9.6	-2.0	0.9	0.9	123.0	30.4
(PLNS, 10,100,H,H, P,6)	27.1	-74.6	9.6	1.6	0.9	0.9	117.2	24.7
(PLNS, 10,100,H,H, P,9)	27.1	-71.6	9.6	1.1	0.9	0.9	113.7	21.2
(PLNS, 10,100,H,H,AV,3)	27.1	-83.0	9.6	-2.0	0.9	0.9	127.1	29.5
(PLNS, 10,100,H,H,AV,6)	27.1	-74.1	9.6	1.6	0.9	0.9	116.7	24.2
(PLNS, 10,100,H,H,AV,9)	27.1	-71.9	9.6	1.1	0.9	0.9	114.0	21.5
(PLNS, 10,100,H,H,AH,3)	27.1	-78.1	9.6	-2.0	0.9	0.9	117.1	24.6
(PLNS, 10,100,H,H,AH,6)	27.1	-73.2	9.6	1.6	0.9	0.9	115.8	23.3
(PLNS, 10,100,H,H,AH,9)	27.1	-72.3	9.6	1.1	0.9	0.9	114.4	21.9
(KLIR, 36,100,H,H, P,3)	42.2	-91.9		1.1		0.9	140.4	36.8
(KLIR, 36,100,H,H, P,6)	42.2	-88.4		1.4		0.9	137.2	33.6
(KLIR, 36,100,H,H, P,9)	42.2	-90.4		1.0		0.9	138.8	35.2
(KLIR, 36,100,H,H,AV,3)	42.2	-98.3		1.1		0.9	146.8	43.3
(KLIR, 36,100,H,H,AV,6)	42.2	-91.7		1.4		0.9	140.5	36.9
(KLIR, 36,100,H,H,AV,9)	42.2	-90.2		1.0		0.9	138.6	35.0
(KLIR, 36,100,H,H,AH,3)	42.2	-93.5		1.1		0.9	142.0	38.4
(KLIR, 36,100,H,H,AH,6)	42.2	-89.8		1.4		0.9	138.6	35.0
(KLIR, 36,100,H,H,AH,9)	42.2	-91.0		1.0		0.9	139.4	35.8

COLORADO PLAINS H= 10KM SITE 9

DATE 11-12-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10, 20,V,V, P,3)	24.0	-100.1	-2.6	-2.6	0.1	-0.0	114.8	40.3
(PLNS, 10, 20,V,V,AV,3)	24.0	-99.3	-2.6	-2.6	0.1	-0.0	114.0	39.5
(PLNS, 10, 20,V,V,AH,3)	24.0	-100.1	-2.6	-2.6	0.1	-0.0	114.8	40.3
(PLNS, 10, 50,V,V, P,1)	24.0	-110.3	-2.2	4.8	1.2	0.2	135.5	49.0
(PLNS, 10, 50,V,V, P,3)	24.0	-107.8	-2.2	0.5	1.2	0.2	124.7	42.2
(PLNS, 10, 50,V,V,AV,1)	24.0	-104.4	-2.2	4.8	1.2	0.2	129.6	43.1
(PLNS, 10, 50,V,V,AV,3)	24.0	-118.7	-2.2	0.5	1.2	0.2	139.6	53.1
(PLNS, 10, 50,V,V,AH,1)	24.0	-110.3	-2.2	4.8	1.2	0.2	135.5	49.0
(PLNS, 10, 50,V,V,AH,3)	24.0	-107.8	-2.2	0.5	1.2	0.2	124.7	42.2



COLORADO PLAINS B= 10KM SITE 9

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
06-16-64	24.58	H7	90%	65.0	79.0

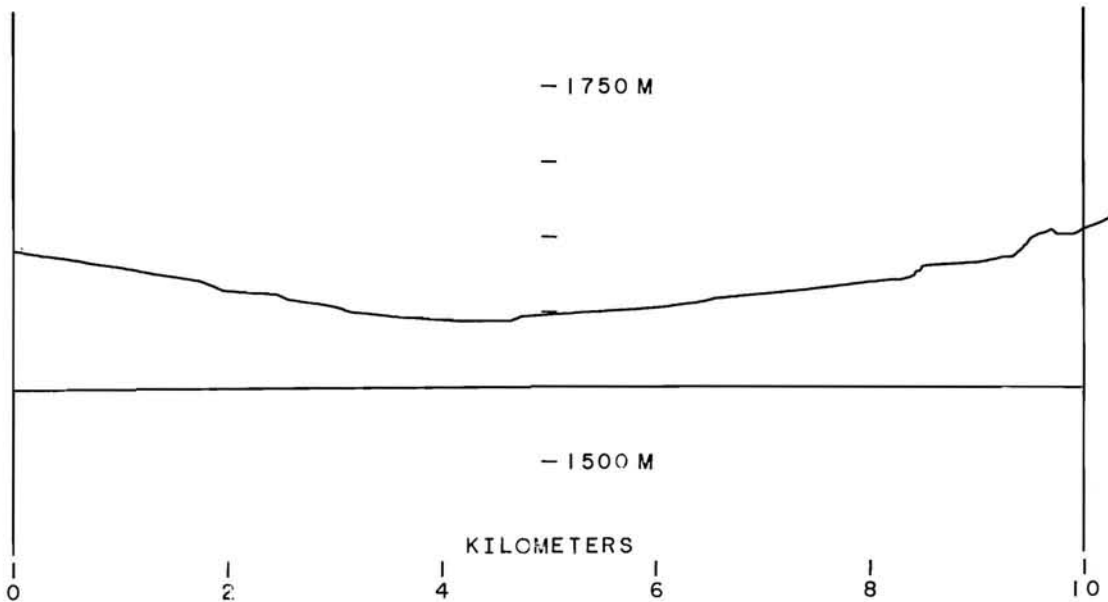
SITE IS AREA OF WIDELY SPACED LOW HOUSES. LARGE TREE AND LOW HOUSE IN LINE OF SIGHT WITH ROUNDED HILL ABOUT 1/4 MILE DISTANT. 3 POWER LINES PARALLEL ROAD ON NORTH SIDE 10FT OFF ROAD AND 25FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10,100,V,V, P,3)	27.1	-95.6	7.6	0.4	0.9	0.9	135.1	42.5
(PLNS, 10,100,V,V, P,6)	27.1	-86.5	7.6	-1.2	0.9	0.9	124.3	31.8
(PLNS, 10,100,V,V, P,9)	27.1	-80.3	7.6	-1.6	0.9	0.9	117.8	25.2
(PLNS, 10,100,V,V,AV,3)	27.1	-83.7	7.6	0.4	0.9	0.9	123.2	30.6
(PLNS, 10,100,V,V,AV,6)	27.1	-78.3	7.6	-1.2	0.9	0.9	116.1	23.6
(PLNS, 10,100,V,V,AV,9)	27.1	-77.5	7.6	-1.6	0.9	0.9	115.0	22.4
(PLNS, 10,100,V,V,AH,3)	27.1	-83.7	7.6	0.4	0.9	0.9	123.2	30.6
(PLNS, 10,100,V,V,AH,6)	27.1	-78.3	7.6	-1.2	0.9	0.9	116.1	23.6
(PLNS, 10,100,V,V,AH,9)	27.1	-77.5	7.6	-1.6	0.9	0.9	115.0	22.4
(PLNS, 10,100,H,V, P,3)	27.1	-95.6	9.6	-23.9	0.9	0.9	112.8	20.2
(PLNS, 10,100,H,V, P,6)	27.1	-95.3	9.6	-18.0	0.9	0.9	118.3	25.8
(PLNS, 10,100,H,V, P,9)	27.1	-92.0	9.6	-21.0	0.9	0.9	112.0	19.5
(PLNS, 10,100,H,V,AV,3)	27.1	-91.4	9.6	-23.9	0.9	0.9	108.6	16.0
(PLNS, 10,100,H,V,AV,6)	27.1	-91.4	9.6	-18.0	0.9	0.9	114.5	21.9
(PLNS, 10,100,H,V,AV,9)	27.1	-86.1	9.6	-21.0	0.9	0.9	106.2	13.6
(PLNS, 10,100,H,V,AH,3)	27.1	-91.4	9.6	-23.9	0.9	0.9	108.6	16.0
(PLNS, 10,100,H,V,AH,6)	27.1	-91.4	9.6	-18.0	0.9	0.9	114.5	21.9
(PLNS, 10,100,H,V,AH,9)	27.1	-86.1	9.6	-21.0	0.9	0.9	106.2	13.6
(PLNS, 10,100,V,H, P,3)	27.1	-103.0	7.6	-18.1	0.9	0.9	124.0	31.4
(PLNS, 10,100,V,H, P,6)	27.1	-95.8	7.6	-15.6	0.9	0.9	119.2	26.7
(PLNS, 10,100,V,H, P,9)	27.1	-94.7	7.6	-15.9	0.9	0.9	117.9	25.3
(PLNS, 10,100,V,H,AV,3)	27.1	-89.0	7.6	-18.1	0.9	0.9	110.0	17.4
(PLNS, 10,100,V,H,AV,6)	27.1	-86.6	7.6	-15.6	0.9	0.9	110.1	17.5
(PLNS, 10,100,V,H,AV,9)	27.1	-85.9	7.6	-15.9	0.9	0.9	109.0	16.5
(PLNS, 10,100,V,H,AH,3)	27.1	-89.0	7.6	-18.1	0.9	0.9	110.0	17.4
(PLNS, 10,100,V,H,AH,6)	27.1	-86.6	7.6	-15.6	0.9	0.9	110.1	17.5
(PLNS, 10,100,V,H,AH,9)	27.1	-85.9	7.6	-15.9	0.9	0.9	109.0	16.5
(PLNS, 10,100,H,H, P,3)	27.1	-82.8	9.6	1.4	0.9	0.9	125.3	32.7
(PLNS, 10,100,H,H, P,6)	27.1	-82.8	9.6	1.5	0.9	0.9	125.4	32.8
(PLNS, 10,100,H,H, P,9)	27.1	-78.3	9.6	1.2	0.9	0.9	120.5	28.0
(PLNS, 10,100,H,H,AV,3)	27.1	-77.0	9.6	1.4	0.9	0.9	119.4	26.9
(PLNS, 10,100,H,H,AV,6)	27.1	-77.5	9.6	1.5	0.9	0.9	120.1	27.5
(PLNS, 10,100,H,H,AV,9)	27.1	-74.0	9.6	1.2	0.9	0.9	116.2	23.6
(PLNS, 10,100,H,H,AH,3)	27.1	-77.0	9.6	1.4	0.9	0.9	119.4	26.9
(PLNS, 10,100,H,H,AH,6)	27.1	-77.5	9.6	1.5	0.9	0.9	120.1	27.5
(PLNS, 10,100,H,H,AH,9)	27.1	-74.0	9.6	1.2	0.9	0.9	116.2	23.6
(KLIR, 35,100,H,H, P,3)	42.2	-103.0		-1.3		0.9	149.1	45.8
(KLIR, 35,100,H,H, P,6)	42.2	-101.9		1.3		0.9	150.6	47.3
(KLIR, 35,100,H,H, P,9)	42.2	-99.9		0.9		0.9	148.2	44.9
(KLIR, 35,100,H,H,AV,3)	42.2	-100.9		-1.3		0.9	147.0	43.7
(KLIR, 35,100,H,H,AV,6)	42.2	-94.4		1.3		0.9	143.1	39.8
(KLIR, 35,100,H,H,AV,9)	42.2	-93.5		0.9		0.9	141.8	38.5
(KLIR, 35,100,H,H,AH,3)	42.2	-100.9		-1.3		0.9	147.0	43.7
(KLIR, 35,100,H,H,AH,6)	42.2	-94.4		1.3		0.9	143.1	39.8
(KLIR, 35,100,H,H,AH,9)	42.2	-93.5		0.9		0.9	141.8	38.5

COLORADO PLAINS B= 10KM SITE 10

DATE 11-12-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10, 20,V,V, P,3)	24.0	-99.5	-3.7	2.4	0.1	-0.0	122.1	43.6
(PLNS, 10, 20,V,V,AV,3)	24.0	-100.0	-3.7	2.4	0.1	-0.0	122.6	44.1
(PLNS, 10, 20,V,V,AH,3)	24.0	-99.5	-3.7	2.4	0.1	-0.0	122.1	43.6
(PLNS, 10, 50,V,V, P,1)	24.0	-99.3	-2.2	5.0	1.2	0.2	124.7	38.2
(PLNS, 10, 50,V,V, P,3)	24.0	-102.1	-2.2	0.1	1.2	0.2	122.6	36.1
(PLNS, 10, 50,V,V,AV,1)	24.0	-99.9	-2.2	5.0	1.2	0.2	125.3	38.8
(PLNS, 10, 50,V,V,AV,3)	24.0	-101.2	-2.2	0.1	1.2	0.2	121.7	35.2
(PLNS, 10, 50,V,V,AH,1)	24.0	-99.3	-2.2	5.0	1.2	0.2	124.7	38.2
(PLNS, 10, 50,V,V,AH,3)	24.0	-102.1	-2.2	0.1	1.2	0.2	122.6	36.1



COLORADO PLAINS B= 10KM SITE 10

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
06-16-64	24.60	H4	60%	60.5	75.0

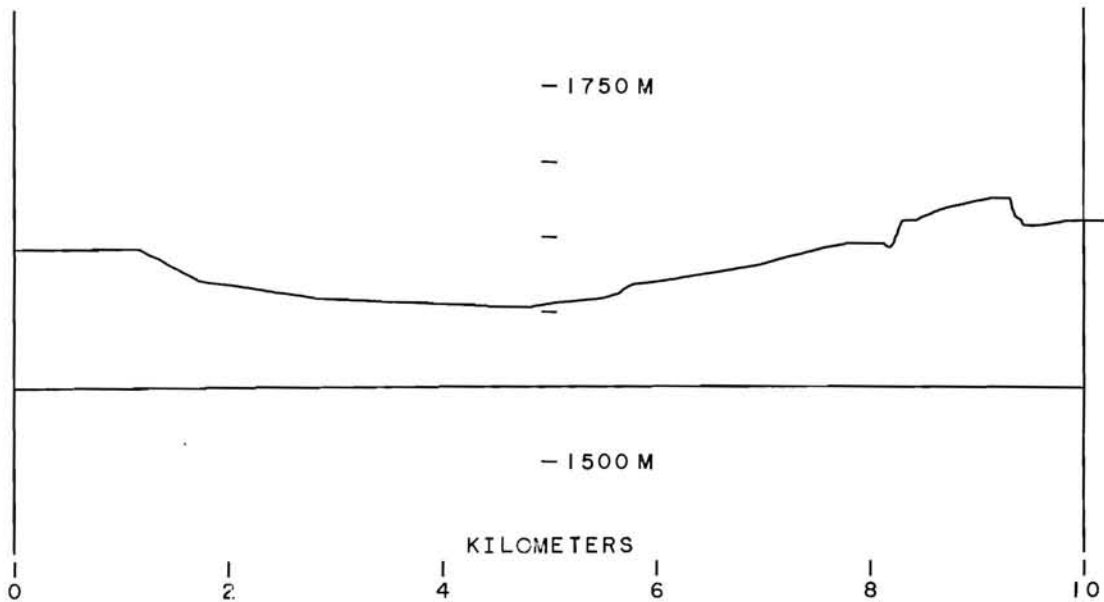
SITE IS ELEVATED ON HILL ABOVE BOULDER.
NO OBSTRUCTIONS TO LINE OF SIGHT.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 10,100,V,V, P,3)	27.1	-80.1	7.6	-4.1	0.9	0.9	115.0	22.5
(PLNS, 10,100,V,V, P,6)	27.1	-75.4	7.6	-2.4	0.9	0.9	112.1	19.5
(PLNS, 10,100,V,V, P,9)	27.1	-74.1	7.6	-2.2	0.9	0.9	110.9	18.4
(PLNS, 10,100,V,V,AV,3)	27.1	-78.0	7.6	-4.1	0.9	0.9	113.0	20.4
(PLNS, 10,100,V,V,AV,6)	27.1	-74.0	7.6	-2.4	0.9	0.9	110.6	18.0
(PLNS, 10,100,V,V,AV,9)	27.1	-70.2	7.6	-2.2	0.9	0.9	107.0	14.4
(PLNS, 10,100,V,V,AH,3)	27.1	-80.1	7.6	-4.1	0.9	0.9	115.0	22.5
(PLNS, 10,100,V,V,AH,6)	27.1	-75.4	7.6	-2.4	0.9	0.9	112.1	19.5
(PLNS, 10,100,V,V,AH,9)	27.1	-74.1	7.6	-2.2	0.9	0.9	110.9	18.4
(PLNS, 10,100,H,V, P,3)	27.1	-90.4	9.6	-22.8	0.9	0.9	108.6	16.0
(PLNS, 10,100,H,V, P,6)	27.1	-91.0	9.6	-25.2	0.9	0.9	106.8	14.3
(PLNS, 10,100,H,V, P,9)	27.1	-113.8	9.6	-22.8	0.9	0.9	132.0	39.5
(PLNS, 10,100,H,V,AV,3)	27.1	-90.2	9.6	-22.8	0.9	0.9	108.4	15.8
(PLNS, 10,100,H,V,AV,6)	27.1	-86.1	9.6	-25.2	0.9	0.9	102.0	9.4
(PLNS, 10,100,H,V,AV,9)	27.1	-91.9	9.6	-22.8	0.9	0.9	110.1	17.6
(PLNS, 10,100,H,V,AH,3)	27.1	-90.4	9.6	-22.8	0.9	0.9	108.6	16.0
(PLNS, 10,100,H,V,AH,6)	27.1	-91.0	9.6	-25.2	0.9	0.9	106.8	14.3
(PLNS, 10,100,H,V,AH,9)	27.1	-113.8	9.6	-22.8	0.9	0.9	132.0	39.5
(PLNS, 10,100,V,H, P,3)	27.1	-95.8	7.6	-17.9	0.9	0.9	116.9	24.4
(PLNS, 10,100,V,H, P,6)	27.1	-90.6	7.6	-17.5	0.9	0.9	112.1	19.5
(PLNS, 10,100,V,H, P,9)	27.1	-86.6	7.6	-16.4	0.9	0.9	109.3	16.7
(PLNS, 10,100,V,H,AV,3)	27.1	-91.9	7.6	-17.9	0.9	0.9	113.0	20.5
(PLNS, 10,100,V,H,AV,6)	27.1	-87.2	7.6	-17.5	0.9	0.9	108.7	16.2
(PLNS, 10,100,V,H,AV,9)	27.1	-84.3	7.6	-16.4	0.9	0.9	107.0	14.4
(PLNS, 10,100,V,H,AH,3)	27.1	-95.8	7.6	-17.9	0.9	0.9	116.9	24.4
(PLNS, 10,100,V,H,AH,6)	27.1	-90.6	7.6	-17.5	0.9	0.9	112.1	19.5
(PLNS, 10,100,V,H,AH,9)	27.1	-86.6	7.6	-16.4	0.9	0.9	109.3	16.7
(PLNS, 10,100,H,H, P,3)	27.1	-77.9	9.6	-0.2	0.9	0.9	118.8	26.2
(PLNS, 10,100,H,H, P,6)	27.1	-69.8	9.6	1.0	0.9	0.9	111.8	19.3
(PLNS, 10,100,H,H, P,9)	27.1	-66.1	9.6	0.6	0.9	0.9	107.8	15.7
(PLNS, 10,100,H,H,AV,3)	27.1	-78.1	9.6	-0.2	0.9	0.9	118.9	26.4
(PLNS, 10,100,H,H,AV,6)	27.1	-69.8	9.6	1.0	0.9	0.9	111.8	19.3
(PLNS, 10,100,H,H,AV,9)	27.1	-66.6	9.6	0.6	0.9	0.9	108.3	15.7
(PLNS, 10,100,H,H,AH,3)	27.1	-77.9	9.6	-0.2	0.9	0.9	118.8	26.2
(PLNS, 10,100,H,H,AH,6)	27.1	-69.8	9.6	1.0	0.9	0.9	111.8	19.3
(PLNS, 10,100,H,H,AH,9)	27.1	-66.1	9.6	0.6	0.9	0.9	107.8	15.7
(KLIR, 34,100,H,H, P,3)	42.2	-88.7		-0.5		0.9	135.6	32.5
(KLIR, 34,100,H,H, P,6)	42.2	-86.1		1.2		0.9	134.7	31.6
(KLIR, 34,100,H,H, P,9)	42.2	-85.0		1.0		0.9	133.4	30.3
(KLIR, 34,100,H,H,AV,3)	42.2	-92.9		-0.5		0.9	139.8	36.7
(KLIR, 34,100,H,H,AV,6)	42.2	-89.0		1.2		0.9	137.6	34.6
(KLIR, 34,100,H,H,AV,9)	42.2	-87.0		1.0		0.9	135.4	32.4
(KLIR, 34,100,H,H,AH,3)	42.2	-88.7		-0.5		0.9	135.6	32.5
(KLIR, 34,100,H,H,AH,6)	42.2	-86.1		1.2		0.9	134.7	31.6
(KLIR, 34,100,H,H,AH,9)	42.2	-85.0		1.0		0.9	133.4	30.3

COLORADO PLAINS B= 10KM SITE 11

DATE 11-12-64

(T,B,F,P(T),P(R),L,H)	w(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10, 20,V,V, P,3)	24.0	-102.0	-4.2	-1.9	0.1	-0.0	119.8	41.3
(PLNS, 10, 20,V,V,AV,3)	24.0	-105.0	-4.2	-1.9	0.1	-0.0	122.8	44.3
(PLNS, 10, 20,V,V,AH,3)	24.0	-104.2	-4.2	-1.9	0.1	-0.0	122.0	43.5
(PLNS, 10, 50,V,V, P,1)	24.0	-103.0	-2.2	4.3	1.2	0.2	127.7	41.2
(PLNS, 10, 50,V,V, P,3)	24.0	-104.4	-2.2	-2.1	1.2	0.2	122.7	36.2
(PLNS, 10, 50,V,V,AV,1)	24.0	-102.1	-2.2	4.3	1.2	0.2	126.8	40.3
(PLNS, 10, 50,V,V,AV,3)	24.0	-121.0	-2.2	-2.1	1.2	0.2	139.3	52.8
(PLNS, 10, 50,V,V,AH,1)	24.0	-107.5	-2.2	4.3	1.2	0.2	132.2	45.7
(PLNS, 10, 50,V,V,AH,3)	24.0	-99.7	-2.2	-2.1	1.2	0.2	118.0	31.5



COLORADO PLAINS R= 10KM SITE 11

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PFCENT	ASSMAN WET	ASSMAN DRY
06-16-64	24.54	L1,H4	85%	63.0	77.5

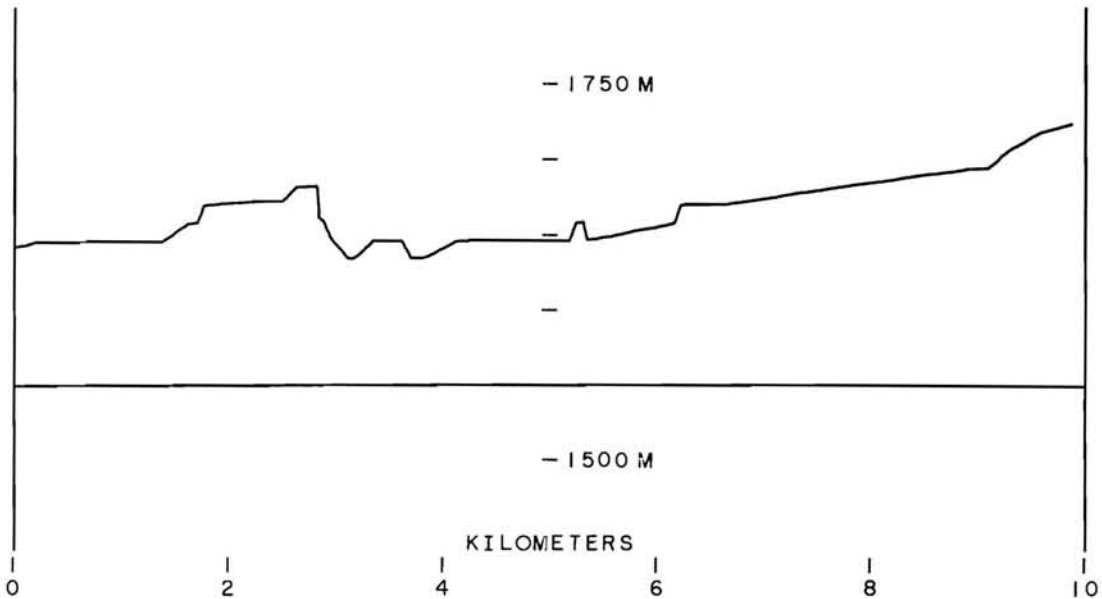
SITE IS IN HOLLOW SOUTH OF RIDGE ABOUT 1/2 MILE TO NORTH. 20FT ASPFN TREES AT ROADSIDE BY TRUCK. 4 POWER LINES ON EAST SIDE OF ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10,100,V,V, P,3)	27.1	-105.4	7.6	-1.4	0.9	0.9	143.0	50.5
(PLNS, 10,100,V,V, P,6)	27.1	-87.2	7.6	-1.6	0.9	0.9	124.6	32.1
(PLNS, 10,100,V,V, P,9)	27.1	-81.4	7.6	-2.1	0.9	0.9	118.4	25.8
(PLNS, 10,100,V,V,AV,3)	27.1	-83.2	7.6	-1.4	0.9	0.9	120.8	28.3
(PLNS, 10,100,V,V,AV,6)	27.1	-79.6	7.6	-1.6	0.9	0.9	117.1	24.5
(PLNS, 10,100,V,V,AV,9)	27.1	-78.9	7.6	-2.1	0.9	0.9	115.9	23.3
(PLNS, 10,100,V,V,AH,3)	27.1	-87.2	7.6	-1.4	0.9	0.9	124.8	32.3
(PLNS, 10,100,V,V,AH,6)	27.1	-86.5	7.6	-1.6	0.9	0.9	123.9	31.4
(PLNS, 10,100,V,V,AH,9)	27.1	-99.2	7.6	-2.1	0.9	0.9	136.1	43.5
(PLNS, 10,100,H,V, P,3)	27.1	-106.9	9.6	-15.8	0.9	0.9	132.1	39.6
(PLNS, 10,100,H,V, P,6)	27.1	-97.9	9.6	-13.8	0.9	0.9	125.2	32.6
(PLNS, 10,100,H,V, P,9)	27.1	-96.4	9.6	-15.8	0.9	0.9	121.7	29.1
(PLNS, 10,100,H,V,AV,3)	27.1	-101.7	9.6	-15.8	0.9	0.9	127.0	34.4
(PLNS, 10,100,H,V,AV,6)	27.1	-100.1	9.6	-13.8	0.9	0.9	127.3	34.8
(PLNS, 10,100,H,V,AV,9)	27.1	-100.1	9.6	-15.8	0.9	0.9	125.3	32.8
(PLNS, 10,100,H,V,AH,3)	27.1	-110.6	9.6	-15.8	0.9	0.9	135.8	43.2
(PLNS, 10,100,H,V,AH,6)	27.1	-103.7	9.6	-13.8	0.9	0.9	131.0	38.4
(PLNS, 10,100,H,V,AH,9)	27.1	-113.5	9.6	-15.8	0.9	0.9	138.7	46.2
(PLNS, 10,100,V,H, P,3)	27.1	-97.2	7.6	-21.2	0.9	0.9	115.0	22.5
(PLNS, 10,100,V,H, P,6)	27.1	-98.7	7.6	-17.3	0.9	0.9	120.5	27.9
(PLNS, 10,100,V,H, P,9)	27.1	-112.1	7.6	-15.9	0.9	0.9	135.3	42.7
(PLNS, 10,100,V,H,AV,3)	27.1	-93.5	7.6	-21.2	0.9	0.9	111.3	18.8
(PLNS, 10,100,V,H,AV,6)	27.1	-95.6	7.6	-17.3	0.9	0.9	117.4	24.8
(PLNS, 10,100,V,H,AV,9)	27.1	-93.5	7.6	-15.9	0.9	0.9	116.6	24.1
(PLNS, 10,100,V,H,AH,3)	27.1	-93.2	7.6	-21.2	0.9	0.9	111.0	18.5
(PLNS, 10,100,V,H,AH,6)	27.1	-89.4	7.6	-17.3	0.9	0.9	111.1	18.6
(PLNS, 10,100,V,H,AH,9)	27.1	-91.0	7.6	-15.9	0.9	0.9	114.1	21.6
(PLNS, 10,100,H,H, P,3)	27.1	-100.1	9.6	-1.4	0.9	0.9	139.7	47.2
(PLNS, 10,100,H,H, P,6)	27.1	-87.8	9.6	1.6	0.9	0.9	130.4	37.8
(PLNS, 10,100,H,H, P,9)	27.1	-84.3	9.6	1.1	0.9	0.9	126.5	33.9
(PLNS, 10,100,H,H,AV,3)	27.1	-97.2	9.6	-1.4	0.9	0.9	136.8	44.3
(PLNS, 10,100,H,H,AV,6)	27.1	-91.2	9.6	1.6	0.9	0.9	133.8	41.3
(PLNS, 10,100,H,H,AV,9)	27.1	-86.4	9.6	1.1	0.9	0.9	128.5	36.0
(PLNS, 10,100,H,H,AH,3)	27.1	-89.6	9.6	-1.4	0.9	0.9	129.3	36.7
(PLNS, 10,100,H,H,AH,6)	27.1	-83.9	9.6	1.6	0.9	0.9	126.6	34.0
(PLNS, 10,100,H,H,AH,9)	27.1	-82.5	9.6	1.1	0.9	0.9	124.7	32.1
(KLIR, 34,100,H,H, P,3)	42.2	-87.5		-0.3		0.9	134.6	31.5
(KLIR, 34,100,H,H, P,6)	42.2	-87.5		1.4		0.9	136.3	33.2
(KLIR, 34,100,H,H, P,9)	42.2	-87.5		1.2		0.9	136.1	33.0
(KLIR, 34,100,H,H,AV,3)	42.2	-85.4		-0.3		0.9	132.5	29.5
(KLIR, 34,100,H,H,AV,6)	42.2	-83.4		1.4		0.9	132.2	29.2
(KLIR, 34,100,H,H,AV,9)	42.2	-84.5		1.2		0.9	133.1	30.1
(KLIR, 34,100,H,H,AH,3)	42.2	-88.4		-0.3		0.9	135.5	32.5
(KLIR, 34,100,H,H,AH,6)	42.2	-86.9		1.4		0.9	135.7	32.7
(KLIR, 34,100,H,H,AH,9)	42.2	-85.9		1.2		0.9	134.5	31.5

COLORADO PLAINS B= 10KM SITE 18

DATE 10-28-64

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS 10, 20,V,V, P,3)	24.0	-101.7	-4.0	-2.0	0.1	-0.0	119.6	41.1
(PLNS 10, 20,V,V,AV,3)	24.0	-103.8	-4.0	-2.0	0.1	-0.0	121.7	43.2
(PLNS 10, 20,V,V,AH,3)	24.0	-102.1	-4.0	-2.0	0.1	-0.0	120.0	41.5
(PLNS 10, 50,V,V, P,1)	24.0	-110.3	-0.1	5.7	1.2	0.2	138.5	52.0
(PLNS 10, 50,V,V, P,3)	24.0	-110.0	-0.1	-0.8	1.2	0.2	131.7	45.2
(PLNS 10, 50,V,V,AV,1)	24.0	-110.3	-0.1	5.7	1.2	0.2	138.5	52.0
(PLNS 10, 50,V,V,AV,3)	24.0	-123.9	-0.1	-0.8	1.2	0.2	145.6	59.1
(PLNS 10, 50,V,V,AH,1)	24.0	-112.5	-0.1	5.7	1.2	0.2	140.7	54.2
(PLNS 10, 50,V,V,AH,3)	24.0	-103.8	-0.1	-0.8	1.2	0.2	125.5	39.0



COLORADO PLAINS R= 10KM SITE 18

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
06-11-64	24.35	L1	20%	59.0	72.0

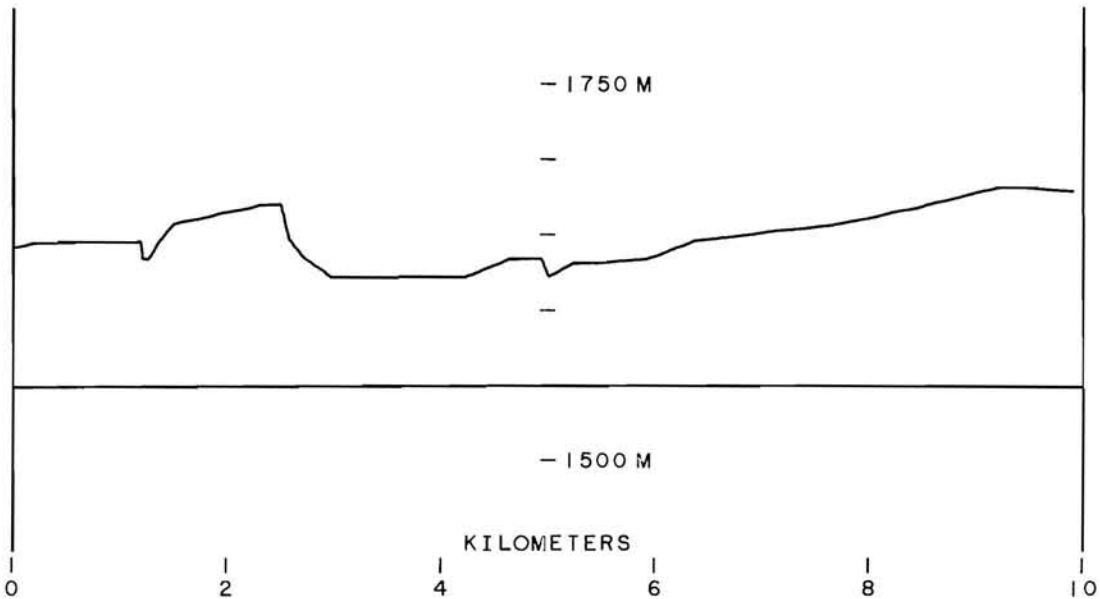
SITE IS ROLLING GRASSLAND. 4-WIRE POWER LINE SOFT EAST OF ROAD AND PARALLEL TO IT. HORIZON IS ABOUT MILE TO THE SOUTH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 10,100,V,V, P,3)	27.1	-92.9	7.6	-3.4	0.9	0.9	128.6	36.0
(PLNS, 10,100,V,V, P,6)	27.1	-86.8	7.6	-2.1	0.9	0.9	123.7	31.2
(PLNS, 10,100,V,V, P,9)	27.1	-84.6	7.6	-2.2	0.9	0.9	121.5	28.9
(PLNS, 10,100,V,V,AV,3)	27.1	-81.9	7.6	-3.4	0.9	0.9	117.5	25.0
(PLNS, 10,100,V,V,AV,6)	27.1	-78.9	7.6	-2.1	0.9	0.9	115.8	23.3
(PLNS, 10,100,V,V,AV,9)	27.1	-77.9	7.6	-2.2	0.9	0.9	114.8	22.2
(PLNS, 10,100,V,V,AH,3)	27.1	-86.6	7.6	-3.4	0.9	0.9	122.3	29.7
(PLNS, 10,100,V,V,AH,6)	27.1	-83.7	7.6	-2.1	0.9	0.9	120.7	28.1
(PLNS, 10,100,V,V,AH,9)	27.1	-83.7	7.6	-2.2	0.9	0.9	120.6	28.0
(PLNS, 10,100,H,V, P,3)	27.1	-100.3	9.6	19.3	0.9	0.9	160.7	68.1
(PLNS, 10,100,H,V, P,6)	27.1	-98.9	9.6	-18.8	0.9	0.9	121.2	28.6
(PLNS, 10,100,H,V, P,9)	27.1	-98.1	9.6	-18.3	0.9	0.9	120.8	28.3
(PLNS, 10,100,H,V,AV,3)	27.1	-101.4	9.6	19.3	0.9	0.9	161.8	69.2
(PLNS, 10,100,H,V,AV,6)	27.1	-99.5	9.6	-18.8	0.9	0.9	121.7	29.2
(PLNS, 10,100,H,V,AV,9)	27.1	-98.4	9.6	-18.3	0.9	0.9	121.2	28.6
(PLNS, 10,100,H,V,AH,3)	27.1	-101.6	9.6	19.3	0.9	0.9	161.9	69.4
(PLNS, 10,100,H,V,AH,6)	27.1	-103.0	9.6	-18.8	0.9	0.9	125.3	32.7
(PLNS, 10,100,H,V,AH,9)	27.1	-107.2	9.6	-18.3	0.9	0.9	129.9	37.4
(PLNS, 10,100,V,H, P,3)	27.1	-97.9	7.6	-19.2	0.9	0.9	117.8	25.2
(PLNS, 10,100,V,H, P,6)	27.1	-94.4	7.6	-15.2	0.9	0.9	118.2	25.7
(PLNS, 10,100,V,H, P,9)	27.1	-91.8	7.6	-12.7	0.9	0.9	118.1	25.6
(PLNS, 10,100,V,H,AV,3)	27.1	-95.8	7.6	-19.2	0.9	0.9	115.6	23.1
(PLNS, 10,100,V,H,AV,6)	27.1	-94.1	7.6	-15.2	0.9	0.9	117.9	25.4
(PLNS, 10,100,V,H,AV,9)	27.1	-90.8	7.6	-12.7	0.9	0.9	117.1	24.6
(PLNS, 10,100,V,H,AH,3)	27.1	-98.7	7.6	-19.2	0.9	0.9	118.6	26.0
(PLNS, 10,100,V,H,AH,6)	27.1	-96.4	7.6	-15.2	0.9	0.9	120.3	27.7
(PLNS, 10,100,V,H,AH,9)	27.1	-96.4	7.6	-12.7	0.9	0.9	122.8	30.2
(PLNS, 10,100,H,H, P,3)	27.1	-96.3	9.6	-0.3	0.9	0.9	137.1	44.5
(PLNS, 10,100,H,H, P,6)	27.1	-90.0	9.6	1.5	0.9	0.9	132.5	39.9
(PLNS, 10,100,H,H, P,9)	27.1	-86.2	9.6	0.9	0.9	0.9	128.2	35.6
(PLNS, 10,100,H,H,AV,3)	27.1	-92.7	9.6	-0.3	0.9	0.9	133.4	40.8
(PLNS, 10,100,H,H,AV,6)	27.1	-90.0	9.6	1.5	0.9	0.9	132.5	39.9
(PLNS, 10,100,H,H,AV,9)	27.1	-87.8	9.6	0.9	0.9	0.9	129.7	37.1
(PLNS, 10,100,H,H,AH,3)	27.1	-89.0	9.6	-0.3	0.9	0.9	129.8	37.2
(PLNS, 10,100,H,H,AH,6)	27.1	-85.9	9.6	1.5	0.9	0.9	128.4	35.9
(PLNS, 10,100,H,H,AH,9)	27.1	-83.4	9.6	0.9	0.9	0.9	125.3	32.8
(KLIR, 53,100,H,H, P,3)	42.2	-94.4		-0.3		0.9	141.5	34.5
(KLIR, 53,100,H,H, P,6)	42.2	-86.0		1.2		0.9	134.6	27.6
(KLIR, 53,100,H,H, P,9)	42.2	-82.8		0.8		0.9	131.0	24.1
(KLIR, 53,100,H,H,AV,3)	42.2	-95.6		-0.3		0.9	142.7	35.8
(KLIR, 53,100,H,H,AV,6)	42.2	-85.9		1.2		0.9	134.5	27.5
(KLIR, 53,100,H,H,AV,9)	42.2	-81.3		0.8		0.9	129.5	22.5
(KLIR, 53,100,H,H,AH,3)	42.2	-97.0		-0.3		0.9	144.1	37.1
(KLIR, 53,100,H,H,AH,6)	42.2	-87.5		1.2		0.9	136.1	29.1
(KLIR, 53,100,H,H,AH,9)	42.2	-83.3		0.8		0.9	131.5	24.5

COLORADO PLAINS B= 10KM SITE 19

DATE 10-27-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10, 20,V,V, P,3)	24.0	-103.0	-4.2	-1.9	0.1	-0.0	120.8	42.3
(PLNS, 10, 20,V,V,AV,3)	24.0	-101.1	-4.2	-1.9	0.1	-0.0	118.9	40.4
(PLNS, 10, 20,V,V,AH,3)	24.0	-104.3	-4.2	-1.9	0.1	-0.0	122.1	43.6
(PLNS, 10, 50,V,V, P,1)	24.0	-110.0	-0.7	5.5	1.2	0.2	137.4	50.9
(PLNS, 10, 50,V,V, P,3)	24.0	-102.8	-0.7	-1.2	1.2	0.2	123.5	37.0
(PLNS, 10, 50,V,V,AV,1)	24.0	-123.5	-0.7	5.5	1.2	0.2	150.9	64.4
(PLNS, 10, 50,V,V,AV,3)	24.0	-100.8	-0.7	-1.2	1.2	0.2	121.5	35.0
(PLNS, 10, 50,V,V,AH,1)	24.0	-111.5	-0.7	5.5	1.2	0.2	138.9	52.4
(PLNS, 10, 50,V,V,AH,3)	24.0	-103.9	-0.7	-1.2	1.2	0.2	124.6	38.1



COLORADO PLAINS R= 10KM SITE 19

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
06-11-64	24.45	L1	30%	55.5	74.0

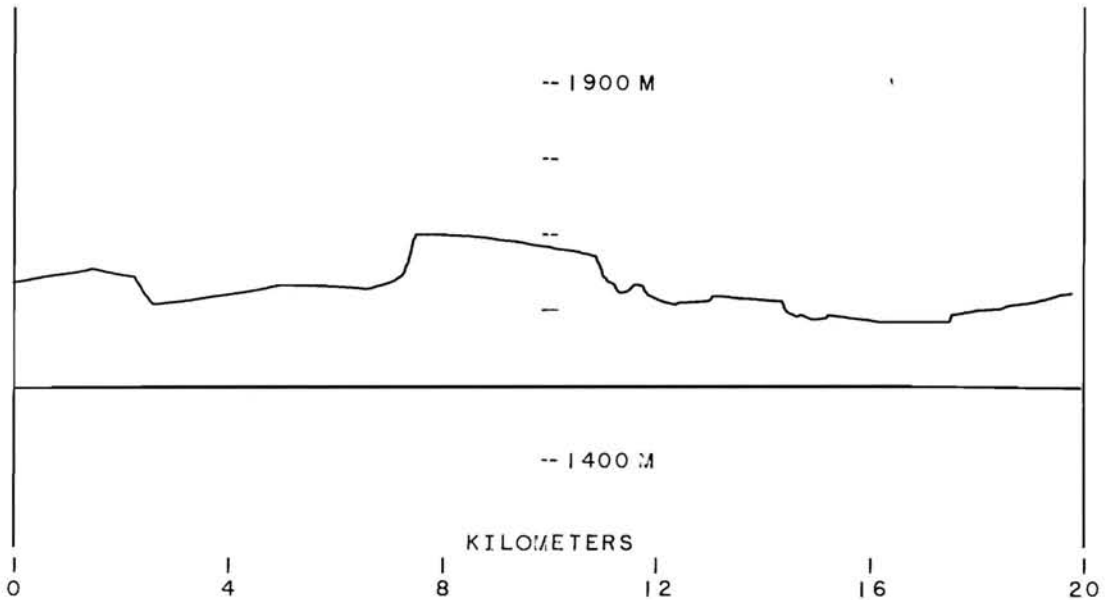
SITE IS GRASSLAND AND FLAT TOWARD TRANSMITTER. HOUSE AND TREES 1/4 MILE AWAY IN LINE OF PATH. THE WATER IN PICTURE IS IRRIGATION WATER OVERFLOW IN ROADWAY.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 10,100,V,V, P,3)	27.1	-102.4	7.6	-2.6	0.9	0.9	138.8	46.2
(PLNS, 10,100,V,V, P,6)	27.1	-95.6	7.6	-1.9	0.9	0.9	132.8	40.2
(PLNS, 10,100,V,V, P,9)	27.1	-94.5	7.6	-2.2	0.9	0.9	131.4	38.8
(PLNS, 10,100,V,V,AV,3)	27.1	-89.2	7.6	-2.6	0.9	0.9	125.7	33.1
(PLNS, 10,100,V,V,AV,6)	27.1	-84.7	7.6	-1.9	0.9	0.9	121.9	29.3
(PLNS, 10,100,V,V,AV,9)	27.1	-83.7	7.6	-2.2	0.9	0.9	120.6	28.0
(PLNS, 10,100,V,V,AH,3)	27.1	-94.3	7.6	-2.6	0.9	0.9	130.7	38.2
(PLNS, 10,100,V,V,AH,6)	27.1	-90.2	7.6	-1.9	0.9	0.9	127.3	34.7
(PLNS, 10,100,V,V,AH,9)	27.1	-91.0	7.6	-2.2	0.9	0.9	127.8	35.3
(PLNS, 10,100,H,V, P,3)	27.1	-107.8	9.6	-15.5	0.9	0.9	133.3	40.7
(PLNS, 10,100,H,V, P,6)	27.1	-105.6	9.6	-16.5	0.9	0.9	130.2	37.6
(PLNS, 10,100,H,V, P,9)	27.1	-105.6	9.6	-17.0	0.9	0.9	129.7	37.1
(PLNS, 10,100,H,V,AV,3)	27.1	-108.4	9.6	-15.5	0.9	0.9	133.9	41.4
(PLNS, 10,100,H,V,AV,6)	27.1	-112.2	9.6	-16.5	0.9	0.9	136.8	44.2
(PLNS, 10,100,H,V,AV,9)	27.1	-115.6	9.6	-17.0	0.9	0.9	139.6	47.1
(PLNS, 10,100,H,V,AH,3)	27.1	-113.7	9.6	-15.5	0.9	0.9	139.2	46.6
(PLNS, 10,100,H,V,AH,6)	27.1	-111.3	9.6	-16.5	0.9	0.9	135.9	43.3
(PLNS, 10,100,H,V,AH,9)	27.1	-106.4	9.6	-17.0	0.9	0.9	130.4	37.9
(PLNS, 10,100,V,H, P,3)	27.1	-97.3	7.6	-20.3	0.9	0.9	116.0	23.5
(PLNS, 10,100,V,H, P,6)	27.1	-94.9	7.6	-15.8	0.9	0.9	118.2	25.6
(PLNS, 10,100,V,H, P,9)	27.1	-94.4	7.6	-12.7	0.9	0.9	120.7	28.2
(PLNS, 10,100,V,H,AV,3)	27.1	-106.4	7.6	-20.3	0.9	0.9	125.1	32.6
(PLNS, 10,100,V,H,AV,6)	27.1	-93.6	7.6	-15.8	0.9	0.9	116.8	24.3
(PLNS, 10,100,V,H,AV,9)	27.1	-93.6	7.6	-12.7	0.9	0.9	119.9	27.4
(PLNS, 10,100,V,H,AH,3)	27.1	-97.2	7.6	-20.3	0.9	0.9	115.9	23.4
(PLNS, 10,100,V,H,AH,6)	27.1	-98.6	7.6	-15.8	0.9	0.9	121.9	29.3
(PLNS, 10,100,V,H,AH,9)	27.1	-101.9	7.6	-12.7	0.9	0.9	128.2	35.7
(PLNS, 10,100,H,H, P,3)	27.1	-95.4	9.6	-0.5	0.9	0.9	136.0	43.4
(PLNS, 10,100,H,H, P,6)	27.1	-90.8	9.6	1.6	0.9	0.9	133.4	40.9
(PLNS, 10,100,H,H, P,9)	27.1	-87.2	9.6	1.0	0.9	0.9	129.2	36.7
(PLNS, 10,100,H,H,AV,3)	27.1	-96.4	9.6	-0.5	0.9	0.9	137.0	44.4
(PLNS, 10,100,H,H,AV,6)	27.1	-90.2	9.6	1.6	0.9	0.9	132.8	40.2
(PLNS, 10,100,H,H,AV,9)	27.1	-86.9	9.6	1.0	0.9	0.9	128.9	36.4
(PLNS, 10,100,H,H,AH,3)	27.1	-87.7	9.6	-0.5	0.9	0.9	128.2	35.7
(PLNS, 10,100,H,H,AH,6)	27.1	-87.2	9.6	1.6	0.9	0.9	129.8	37.3
(PLNS, 10,100,H,H,AH,9)	27.1	-84.7	9.6	1.0	0.9	0.9	126.8	34.2
(KLIR, 53,100,H,H, P,3)	42.2	-95.6		-0.5		0.9	142.5	35.6
(KLIR, 53,100,H,H, P,6)	42.2	-90.8		1.3		0.9	139.5	32.5
(KLIR, 53,100,H,H, P,9)	42.2	-86.6		1.0		0.9	135.0	28.1
(KLIR, 53,100,H,H,AV,3)	42.2	-97.9		-0.5		0.9	144.8	37.9
(KLIR, 53,100,H,H,AV,6)	42.2	-90.8		1.3		0.9	139.5	32.5
(KLIR, 53,100,H,H,AV,9)	42.2	-85.4		1.0		0.9	133.8	26.8
(KLIR, 53,100,H,H,AH,3)	42.2	-94.1		-0.5		0.9	141.0	34.0
(KLIR, 53,100,H,H,AH,6)	42.2	-89.8		1.3		0.9	138.5	31.5
(KLIR, 53,100,H,H,AH,9)	42.2	-86.9		1.0		0.9	135.3	28.3

COLORADO PLAINS B= 20KM SITE 1

DATE 05-08-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-109.4	-3.8	-1.9	0.1	-0.0	127.6	43.1
(PLNS, 20, 20,V,V,AV,3)	24.0	-109.4	-3.8	-1.9	0.1	-0.0	127.6	43.1
(PLNS, 20, 20,V,V,AH,3)	24.0	-110.6	-3.8	-1.9	0.1	-0.0	128.7	44.3
(PLNS, 20, 50,V,V, P,1)	16.5	-125.0	-0.5	4.5	1.2	0.2	144.1	51.6
(PLNS, 20, 50,V,V, P,3)	16.5	-132.9	-0.5	-1.9	1.2	0.2	145.6	53.2
(PLNS, 20, 50,V,V,AV,1)	16.5	-125.0	-0.5	4.5	1.2	0.2	144.1	51.6
(PLNS, 20, 50,V,V,AV,3)	16.5	-132.9	-0.5	-1.9	1.2	0.2	145.6	53.2
(PLNS, 20, 50,V,V,AH,1)	16.5	-128.4	-0.5	4.5	1.2	0.2	147.5	55.0
(PLNS, 20, 50,V,V,AH,3)	16.5	-132.9	-0.5	-1.9	1.2	0.2	145.6	53.2



COLORADO PLAINS R= 20KM SITE 1

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-18-63	24.78	FEW CIRRUS	5%	84.0	88.5

OPEN HAY FIELDS, NO OBSTRUCTIONS OF ANY KIND.

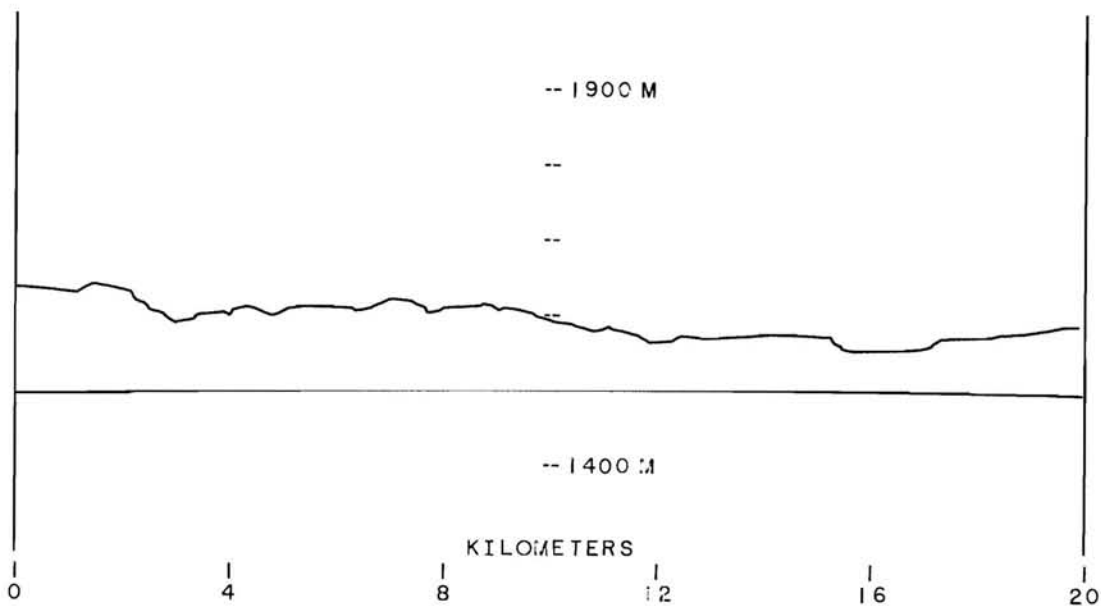
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 20,100,V,V, P,3)	20.0	-109.8	-0.6	-1.6	2.2	0.9	125.1	26.5
(PLNS, 20,100,V,V, P,6)	20.0	-105.0	-0.6	-1.6	2.2	0.9	120.3	21.7
(PLNS, 20,100,V,V, P,9)	20.0	-102.2	-0.6	-2.2	2.2	0.9	116.9	18.3
(PLNS, 20,100,V,V,AV,3)	20.0	-108.7	-0.6	-1.6	2.2	0.9	124.0	25.4
(PLNS, 20,100,V,V,AV,6)	20.0	-103.9	-0.6	-1.6	2.2	0.9	119.2	20.7
(PLNS, 20,100,V,V,AV,9)	20.0	-101.6	-0.6	-2.2	2.2	0.9	116.3	17.7
(PLNS, 20,100,V,V,AH,3)	20.0	-108.7	-0.6	-1.6	2.2	0.9	124.0	25.4
(PLNS, 20,100,V,V,AH,6)	20.0	-103.9	-0.6	-1.6	2.2	0.9	119.2	20.7
(PLNS, 20,100,V,V,AH,9)	20.0	-101.6	-0.6	-2.2	2.2	0.9	116.3	17.7
(PLNS, 20,100,H,V, P,3)	20.0	-121.6	1.7	-16.1	0.7	0.9	126.2	27.6
(PLNS, 20,100,H,V, P,6)	20.0	-121.6	1.7	-14.3	0.7	0.9	128.0	29.4
(PLNS, 20,100,H,V, P,9)	20.0	-121.6	1.7	-16.0	0.7	0.9	126.3	27.7
(PLNS, 20,100,H,V,AV,3)	20.0	-125.4	1.7	-16.1	0.7	0.9	130.0	31.4
(PLNS, 20,100,H,V,AV,6)	20.0	-122.7	1.7	-14.3	0.7	0.9	129.1	30.5
(PLNS, 20,100,H,V,AV,9)	20.0	-121.0	1.7	-16.0	0.7	0.9	125.7	27.2
(PLNS, 20,100,H,V,AH,3)	20.0	-125.4	1.7	-16.1	0.7	0.9	130.0	31.4
(PLNS, 20,100,H,V,AH,6)	20.0	-122.7	1.7	-14.3	0.7	0.9	129.1	30.5
(PLNS, 20,100,H,V,AH,9)	20.0	-121.0	1.7	-16.0	0.7	0.9	125.7	27.2
(PLNS, 20,100,V,H, P,3)	20.0	-123.7	-0.6	-21.0	2.2	0.9	119.7	21.1
(PLNS, 20,100,V,H, P,6)	20.0	-121.3	-0.6	-17.0	2.2	0.9	121.2	22.6
(PLNS, 20,100,V,H, P,9)	20.0	-117.7	-0.6	-15.8	2.2	0.9	118.8	20.3
(PLNS, 20,100,V,H,AV,3)	20.0	-113.8	-0.6	-21.0	2.2	0.9	109.7	11.1
(PLNS, 20,100,V,H,AV,6)	20.0	-120.2	-0.6	-17.0	2.2	0.9	120.1	21.6
(PLNS, 20,100,V,H,AV,9)	20.0	-120.2	-0.6	-15.8	2.2	0.9	121.3	22.8
(PLNS, 20,100,V,H,AH,3)	20.0	-113.8	-0.6	-21.0	2.2	0.9	109.7	11.1
(PLNS, 20,100,V,H,AH,6)	20.0	-120.2	-0.6	-17.0	2.2	0.9	120.1	21.6
(PLNS, 20,100,V,H,AH,9)	20.0	-120.2	-0.6	-15.8	2.2	0.9	121.3	22.8
(PLNS, 20,100,H,H, P,3)	20.0	-118.5	1.7	-1.0	0.7	0.9	138.2	39.7
(PLNS, 20,100,H,H, P,6)	20.0	-111.2	1.7	1.6	0.7	0.9	133.5	34.9
(PLNS, 20,100,H,H, P,9)	20.0	-107.5	1.7	1.1	0.7	0.9	129.3	30.7
(PLNS, 20,100,H,H,AV,3)	20.0	-113.2	1.7	-1.0	0.7	0.9	132.9	34.3
(PLNS, 20,100,H,H,AV,6)	20.0	-106.1	1.7	1.6	0.7	0.9	128.5	29.9
(PLNS, 20,100,H,H,AV,9)	20.0	-103.4	1.7	1.1	0.7	0.9	125.2	26.6
(PLNS, 20,100,H,H,AH,3)	20.0	-113.2	1.7	-1.0	0.7	0.9	132.9	34.3
(PLNS, 20,100,H,H,AH,6)	20.0	-106.1	1.7	1.6	0.7	0.9	128.5	29.9
(PLNS, 20,100,H,H,AH,9)	20.0	-103.4	1.7	1.1	0.7	0.9	125.2	26.6
(KLIR, 61,100,H,H, P,3)	42.2	-98.8		-0.3		0.9	140.4	32.2
(KLIR, 61,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 61,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AV,3)	42.2	-99.7		1.0		0.9	142.6	34.4
(KLIR, 61,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AH,3)	42.2	-99.7		0.0		0.9	141.6	33.4
(KLIR, 61,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 2

DATE 05-08-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-104.3	-1.7	-2.1	0.1	-0.0	124.4	39.9
(PLNS, 20, 20,V,V,AV,3)	24.0	-108.1	-1.7	-2.1	0.1	-0.0	128.1	43.7
(PLNS, 20, 20,V,V,AH,3)	24.0	-105.9	-1.7	1.4	0.1	-0.0	129.5	45.0
(PLNS, 20, 50,V,V, P,1)	16.5	-123.9	0.1	3.0	1.2	0.2	142.2	49.7
(PLNS, 20, 50,V,V, P,3)	16.5	-126.4	0.1	-3.3	1.2	0.2	138.3	45.8
(PLNS, 20, 50,V,V,AV,1)	16.5	-121.3	0.1	3.0	1.2	0.2	139.5	47.1
(PLNS, 20, 50,V,V,AV,3)	16.5	-124.1	0.1	-3.3	1.2	0.2	136.1	43.6
(PLNS, 20, 50,V,V,AH,1)	16.5	-123.6	0.1	-3.2	1.2	0.2	135.6	43.1
(PLNS, 20, 50,V,V,AH,3)	16.5	-126.4	0.1	6.3	1.2	0.2	147.9	55.4



COLORADO PLAINS R= 20KM SITE 2

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-18-63	24.84	CIRRUS	20%	63.0	86.2

SMALL HOUSE 100FT WEST. POWER LINES ON EAST SIDE OF ROAD, CROSSING ROAD 75FT IN FRONT OF TRUCK. SITE OPPOSITE HOUSE DRIVEWAY.

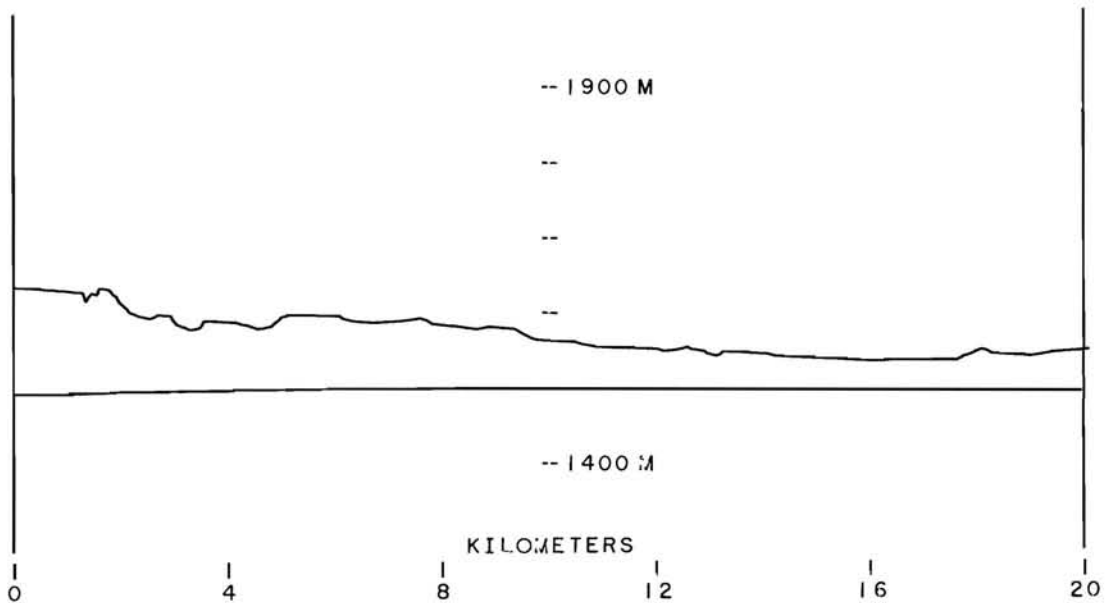
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 20,100,V,V, P,3)	20.0	-116.6	-0.7	-0.5	2.2	0.9	132.9	34.3
(PLNS, 20,100,V,V, P,6)	20.0	-110.6	-0.7	-1.4	2.2	0.9	126.0	27.4
(PLNS, 20,100,V,V, P,9)	20.0	-108.2	-0.7	-2.0	2.2	0.9	123.0	24.5
(PLNS, 20,100,V,V,AV,3)	20.0	-109.8	-0.7	-0.5	2.2	0.9	126.1	27.5
(PLNS, 20,100,V,V,AV,6)	20.0	-105.0	-0.7	-1.4	2.2	0.9	120.4	21.8
(PLNS, 20,100,V,V,AV,9)	20.0	-101.6	-0.7	-2.0	2.2	0.9	116.4	17.8
(PLNS, 20,100,V,V,AH,3)	20.0	-121.4	-0.7	0.8	2.2	0.9	139.0	40.5
(PLNS, 20,100,V,V,AH,6)	20.0	-115.4	-0.7	-0.4	2.2	0.9	131.8	33.3
(PLNS, 20,100,V,V,AH,9)	20.0	-112.4	-0.7	-1.2	2.2	0.9	128.0	29.4
(PLNS, 20,100,H,V, P,3)	20.0	-121.7	1.8	-15.1	0.7	0.9	127.4	28.9
(PLNS, 20,100,H,V, P,6)	20.0	-128.7	1.8	-12.7	0.7	0.9	136.8	38.2
(PLNS, 20,100,H,V, P,9)	20.0	-121.6	1.8	-15.1	0.7	0.9	127.3	28.7
(PLNS, 20,100,H,V,AV,3)	20.0	-120.2	1.8	-15.1	0.7	0.9	125.9	27.4
(PLNS, 20,100,H,V,AV,6)	20.0	-121.4	1.8	-12.7	0.7	0.9	129.5	31.0
(PLNS, 20,100,H,V,AV,9)	20.0	-127.8	1.8	-15.1	0.7	0.9	133.5	34.9
(PLNS, 20,100,H,V,AH,3)	20.0	-131.4	1.8	-16.5	0.7	0.9	135.7	37.2
(PLNS, 20,100,H,V,AH,6)	20.0	-131.4	1.8	-14.8	0.7	0.9	137.4	38.9
(PLNS, 20,100,H,V,AH,9)	20.0	-125.4	1.8	-18.0	0.7	0.9	128.2	29.6
(PLNS, 20,100,V,H, P,3)	20.0	-132.9	-0.7	-21.3	2.2	0.9	128.4	29.9
(PLNS, 20,100,V,H, P,6)	20.0	-131.0	-0.7	-18.6	2.2	0.9	129.2	30.6
(PLNS, 20,100,V,H, P,9)	20.0	-126.4	-0.7	-16.2	2.2	0.9	127.0	28.4
(PLNS, 20,100,V,H,AV,3)	20.0	-125.0	-0.7	-21.3	2.2	0.9	120.5	21.9
(PLNS, 20,100,V,H,AV,6)	20.0	-119.2	-0.7	-18.6	2.2	0.9	117.4	18.8
(PLNS, 20,100,V,H,AV,9)	20.0	-114.7	-0.7	-16.2	2.2	0.9	115.3	16.8
(PLNS, 20,100,V,H,AH,3)	20.0	-134.1	-0.7	-20.3	2.2	0.9	130.6	32.0
(PLNS, 20,100,V,H,AH,6)	20.0	-134.1	-0.7	15.8	2.2	0.9	166.7	68.1
(PLNS, 20,100,V,H,AH,9)	20.0	-126.1	-0.7	-16.4	2.2	0.9	126.5	28.0
(PLNS, 20,100,H,H, P,3)	20.0	-122.0	1.8	-1.6	0.7	0.9	141.2	42.7
(PLNS, 20,100,H,H, P,6)	20.0	-110.6	1.8	1.6	0.7	0.9	133.0	34.4
(PLNS, 20,100,H,H, P,9)	20.0	-108.4	1.8	1.1	0.7	0.9	130.3	31.7
(PLNS, 20,100,H,H,AV,3)	20.0	-123.7	1.8	-1.6	0.7	0.9	143.0	44.4
(PLNS, 20,100,H,H,AV,6)	20.0	-109.0	1.8	1.6	0.7	0.9	131.5	32.9
(PLNS, 20,100,H,H,AV,9)	20.0	-104.5	1.8	1.1	0.7	0.9	126.4	27.9
(PLNS, 20,100,H,H,AH,3)	20.0	-111.0	1.8	0.1	0.7	0.9	131.9	33.3
(PLNS, 20,100,H,H,AH,6)	20.0	-108.1	1.8	1.6	0.7	0.9	130.5	31.9
(PLNS, 20,100,H,H,AH,9)	20.0	-105.0	1.8	1.3	0.7	0.9	127.1	28.5
(KLIR, 60,100,H,H, P,3)	*	*	*	*	*	*	*	*
(KLIR, 60,100,H,H, P,6)	*	*	*	*	*	*	*	*
(KLIR, 60,100,H,H, P,9)	*	*	*	*	*	*	*	*
(KLIR, 60,100,H,H,AV,3)	42.2	-104.7		1.0	0.9		147.7	39.7
(KLIR, 60,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(KLIR, 60,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(KLIR, 60,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(KLIR, 60,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(KLIR, 60,100,H,H,AH,9)	*	*	*	*	*	*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 3

DATE 05-08-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-109.8	-0.7	-0.4	0.1	-0.0	132.5	48.1
(PLNS, 20, 20,V,V,AV,3)	24.0	-108.7	-0.7	-0.4	0.1	-0.0	131.5	47.0
(PLNS, 20, 20,V,V,AH,3)	24.0	-109.0	-0.7	-0.4	0.1	-0.0	131.8	47.3
(PLNS, 20, 50,V,V, P,1)	16.5	-132.9	0.3	0.3	1.2	0.2	148.6	56.2
(PLNS, 20, 50,V,V, P,3)	16.5	-130.2	0.3	-4.7	1.2	0.2	140.9	48.4
(PLNS, 20, 50,V,V,AV,1)	16.5	-134.1	0.3	0.3	1.2	0.2	149.8	57.3
(PLNS, 20, 50,V,V,AV,3)	16.5	-141.4	0.3	-4.7	1.2	0.2	152.2	59.7
(PLNS, 20, 50,V,V,AH,1)	16.5	-131.0	0.3	0.3	1.2	0.2	146.7	54.2
(PLNS, 20, 50,V,V,AH,3)	16.5	-130.6	0.3	-4.7	1.2	0.2	141.3	48.8



COLORADO PLAINS B= 20KM SITE 3

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-12-63	25.15	*****	100%	59.7	68.5

NO COMMENT.

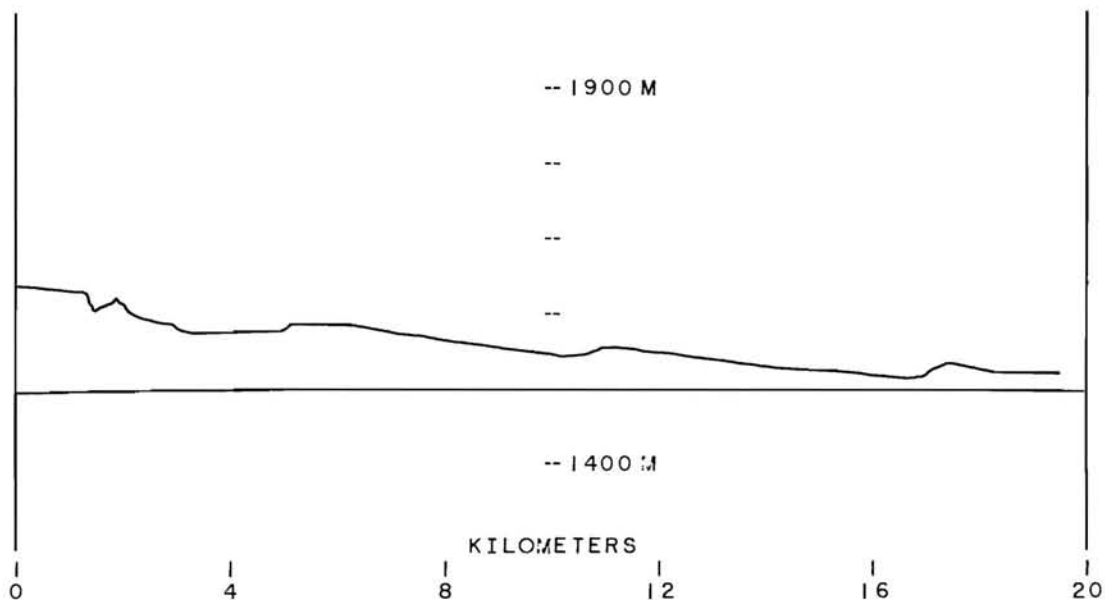
(T,B,F,P(T),P(P),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-110.2	-0.7	2.3	2.2	0.9	129.3	30.7
(PLNS, 20,100,V,V, P,6)	20.0	-105.2	-0.7	0.0	2.2	0.9	122.0	23.4
(PLNS, 20,100,V,V, P,9)	20.0	-103.7	-0.7	-1.0	2.2	0.9	119.6	21.0
(PLNS, 20,100,V,V,AV,3)	20.0	-108.1	-0.7	2.3	2.2	0.9	127.2	28.6
(PLNS, 20,100,V,V,AV,6)	20.0	-103.0	-0.7	0.0	2.2	0.9	119.8	21.3
(PLNS, 20,100,V,V,AV,9)	20.0	-101.6	-0.7	-1.0	2.2	0.9	117.4	18.8
(PLNS, 20,100,V,V,AH,3)	20.0	-115.4	-0.7	2.3	2.2	0.9	134.5	36.0
(PLNS, 20,100,V,V,AH,6)	20.0	-110.8	-0.7	0.0	2.2	0.9	127.6	29.0
(PLNS, 20,100,V,V,AH,9)	20.0	-109.8	-0.7	-1.0	2.2	0.9	125.6	27.0
(PLNS, 20,100,H,V, P,3)	20.0	-120.1	1.8	-20.0	0.7	0.9	120.9	22.3
(PLNS, 20,100,H,V, P,6)	20.0	-118.1	1.8	-18.0	0.7	0.9	120.9	22.3
(PLNS, 20,100,H,V, P,9)	20.0	-116.7	1.8	-22.5	0.7	0.9	115.1	16.5
(PLNS, 20,100,H,V,AV,3)	20.0	-132.9	1.8	-20.0	0.7	0.9	133.7	35.2
(PLNS, 20,100,H,V,AV,6)	20.0	-121.4	1.8	-18.0	0.7	0.9	124.2	25.7
(PLNS, 20,100,H,V,AV,9)	20.0	-118.4	1.8	-22.5	0.7	0.9	116.7	18.2
(PLNS, 20,100,H,V,AH,3)	20.0	-120.7	1.8	-20.0	0.7	0.9	121.6	23.0
(PLNS, 20,100,H,V,AH,6)	20.0	-118.7	1.8	-18.0	0.7	0.9	121.5	23.0
(PLNS, 20,100,H,V,AH,9)	20.0	-118.7	1.8	-22.5	0.7	0.9	117.0	18.5
(PLNS, 20,100,V,H, P,3)	20.0	-125.4	-0.7	-23.8	2.2	0.9	118.4	19.8
(PLNS, 20,100,V,H, P,6)	20.0	-118.7	-0.7	-17.0	2.2	0.9	118.5	20.0
(PLNS, 20,100,V,H, P,9)	20.0	-117.0	-0.7	-17.2	2.2	0.9	116.6	18.0
(PLNS, 20,100,V,H,AV,3)	20.0	-121.7	-0.7	-23.8	2.2	0.9	114.7	16.2
(PLNS, 20,100,V,H,AV,6)	20.0	-114.9	-0.7	-17.0	2.2	0.9	114.7	16.1
(PLNS, 20,100,V,H,AV,9)	20.0	-114.0	-0.7	-17.2	2.2	0.9	113.6	15.0
(PLNS, 20,100,V,H,AH,3)	20.0	-135.4	-0.7	-23.8	2.2	0.9	128.4	29.9
(PLNS, 20,100,V,H,AH,6)	20.0	-130.6	-0.7	-17.0	2.2	0.9	130.4	31.8
(PLNS, 20,100,V,H,AH,9)	20.0	-125.4	-0.7	-17.2	2.2	0.9	125.0	26.4
(PLNS, 20,100,H,H, P,3)	20.0	-114.6	1.8	0.6	0.7	0.9	136.0	37.4
(PLNS, 20,100,H,H, P,6)	20.0	-105.4	1.8	1.1	0.7	0.9	127.3	28.7
(PLNS, 20,100,H,H, P,9)	20.0	-103.4	1.8	0.7	0.7	0.9	124.9	26.3
(PLNS, 20,100,H,H,AV,3)	20.0	-112.9	1.8	0.6	0.7	0.9	134.3	35.8
(PLNS, 20,100,H,H,AV,6)	20.0	-106.4	1.8	1.1	0.7	0.9	128.3	29.7
(PLNS, 20,100,H,H,AV,9)	20.0	-104.5	1.8	0.7	0.7	0.9	126.0	27.5
(PLNS, 20,100,H,H,AH,3)	20.0	-110.6	1.8	0.6	0.7	0.9	132.0	33.4
(PLNS, 20,100,H,H,AH,6)	20.0	-102.8	1.8	1.1	0.7	0.9	124.8	26.2
(PLNS, 20,100,H,H,AH,9)	20.0	-100.3	1.8	0.7	0.7	0.9	121.9	23.3
(KLIR, 58,100,H,H, P,3)	42.2	-92.4		-0.7		0.9	133.6	25.9
(KLIR, 58,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 58,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 58,100,H,H,AV,3)	42.2	-100.3		-0.7		0.9	141.6	33.9
(KLIR, 58,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 58,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 58,100,H,H,AH,3)	42.2	-92.1		-0.7		0.9	133.3	25.7
(KLIR, 58,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 58,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 4

DATE 05-08-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-107.2	-1.5	0.2	0.1	-0.0	129.8	45.3
(PLNS, 20, 20,V,V,AV,3)	24.0	-108.7	-1.5	0.2	0.1	-0.0	131.3	46.8
(PLNS, 20, 20,V,V,AH,3)	24.0	-109.0	-1.5	0.2	0.1	-0.0	131.6	47.1
(PLNS, 20, 50,V,V, P,1)	16.5	-127.5	0.1	-1.2	1.2	0.2	141.5	49.0
(PLNS, 20, 50,V,V, P,3)	16.5	-126.4	0.1	-2.0	1.2	0.2	139.6	47.1
(PLNS, 20, 50,V,V,AV,1)	16.5	-137.9	0.1	-1.2	1.2	0.2	151.9	59.5
(PLNS, 20, 50,V,V,AV,3)	16.5	-131.0	0.1	-2.0	1.2	0.2	144.2	51.7
(PLNS, 20, 50,V,V,AH,1)	16.5	-138.9	0.1	-1.2	1.2	0.2	153.0	60.5
(PLNS, 20, 50,V,V,AH,3)	16.5	-132.9	0.1	-2.0	1.2	0.2	146.1	59.7



COLORADO PLAINS B= 20KM SITE 4

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-13-63	25.02	NOT GIVEN	80%	61.9	78.8

25FT TO TREES 40FT HIGH. SITE AT GRAVEYARD ABOUT 600-800FT ACROSS.
TREES FAIRLY DENSE 300FT FROM SITE, DENSE TREE COVER AGAIN AT 1/2MI.

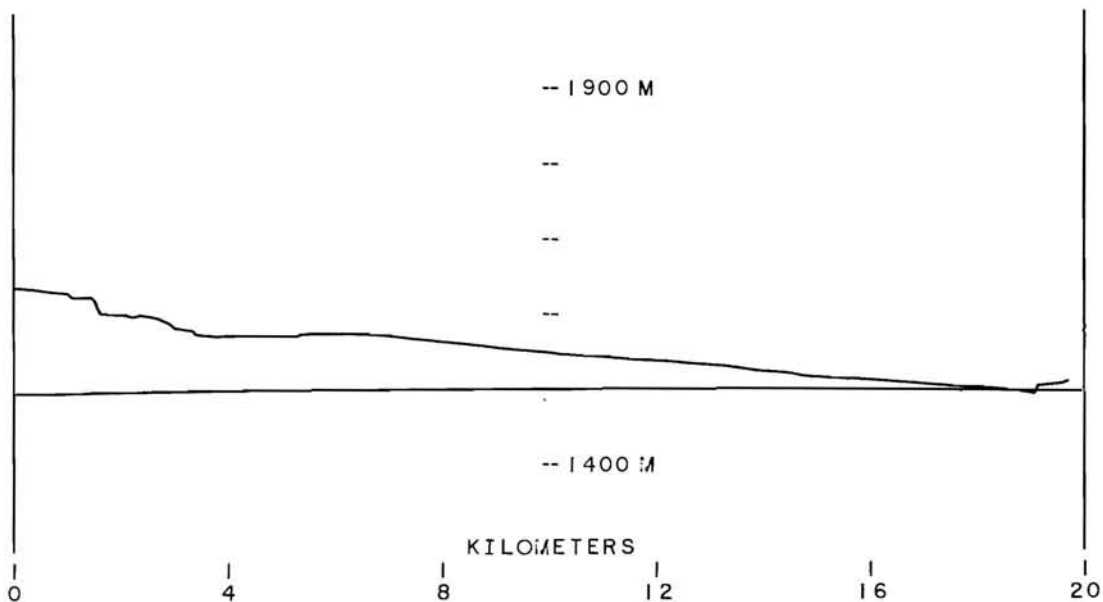
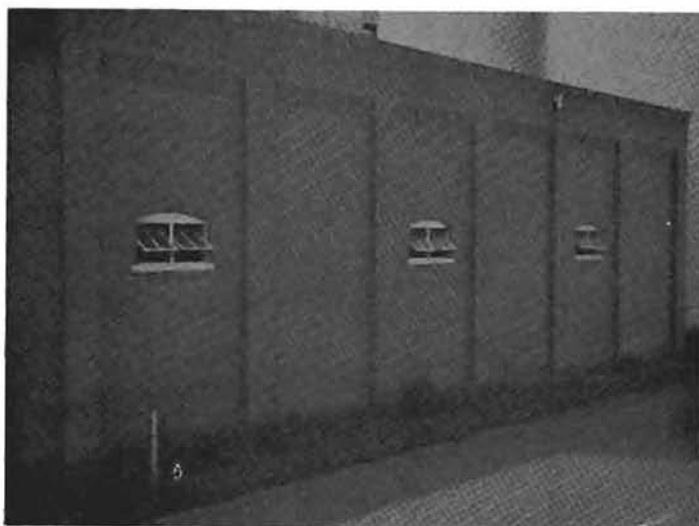
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,V, P,6)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,V, P,9)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,V,AH,3)	20.0	-123.0	-0.7	0.9	2.2	0.9	140.7	42.2
(PLNS, 20,100,V,V,AH,6)	20.0	-117.0	-0.7	-0.7	2.2	0.9	133.1	34.5
(PLNS, 20,100,V,V,AH,9)	20.0	-114.3	-0.7	-1.3	2.2	0.9	129.8	31.2
(PLNS, 20,100,H,V, P,3)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,V, P,6)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,V, P,9)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,V,AH,3)	20.0	-125.6	1.8	-19.5	0.7	0.9	126.9	28.4
(PLNS, 20,100,H,V,AH,6)	20.0	-123.0	1.8	-17.2	0.7	0.9	126.6	28.1
(PLNS, 20,100,H,V,AH,9)	20.0	-118.6	1.8	-21.4	0.7	0.9	118.0	19.5
(PLNS, 20,100,V,H, P,3)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,H, P,6)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,H, P,9)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 20,100,V,H,AH,3)	20.0	-129.4	-0.7	-23.0	2.2	0.9	123.2	24.6
(PLNS, 20,100,V,H,AH,6)	20.0	-126.4	-0.7	-16.2	2.2	0.9	127.0	28.4
(PLNS, 20,100,V,H,AH,9)	20.0	-123.6	-0.7	-16.9	2.2	0.9	123.5	24.9
(PLNS, 20,100,H,H, P,3)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,H, P,6)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,H, P,9)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 20,100,H,H,AH,3)	20.0	-109.8	1.8	0.5	0.7	0.9	131.1	32.5
(PLNS, 20,100,H,H,AH,6)	20.0	-107.5	1.8	1.1	0.7	0.9	129.4	30.8
(PLNS, 20,100,H,H,AH,9)	20.0	-109.8	1.8	0.8	0.7	0.9	131.4	32.8
(KLIR, 55,100,H,H, P,3)	*	*	*	*	*	*	*	*
(KLIR, 55,100,H,H, P,6)	*	*	*	*	*	*	*	*
(KLIR, 55,100,H,H, P,9)	*	*	*	*	*	*	*	*
(KLIR, 55,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(KLIR, 55,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(KLIR, 55,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(KLIR, 55,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(KLIR, 55,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(KLIR, 55,100,H,H,AH,9)	*	*	*	*	*	*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 5

DATE 05-08-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-108.7	-2.5	0.6	0.1	-0.0	130.7	46.2
(PLNS, 20, 20,V,V,AV,3)	24.0	-107.2	-2.5	0.6	0.1	-0.0	129.2	44.7
(PLNS, 20, 20,V,V,AH,3)	24.0	-106.6	-2.5	0.6	0.1	-0.0	128.6	44.1
(PLNS, 20, 50,V,V, P,1)	16.5	-129.4	-0.4	-2.3	1.2	0.2	141.8	49.4
(PLNS, 20, 50,V,V, P,3)	16.5	-122.7	-0.4	1.0	1.2	0.2	138.4	45.9
(PLNS, 20, 50,V,V,AV,1)	16.5	-131.9	-0.4	-2.3	1.2	0.2	144.3	51.9
(PLNS, 20, 50,V,V,AV,3)	16.5	-125.9	-0.4	1.0	1.2	0.2	141.6	49.1
(PLNS, 20, 50,V,V,AH,1)	16.5	-132.4	-0.4	-2.3	1.2	0.2	144.8	52.4
(PLNS, 20, 50,V,V,AH,3)	16.5	-131.9	-0.4	1.0	1.2	0.2	147.6	55.2



COLORADO PLAINS B= 20KM SITE 5

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-06-63	25.09	H3	50%	6R.2	88.8

NO COMMENT.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-126.1	-0.6	-0.4	2.2	0.9	142.6	44.1
(PLNS, 20,100,V,V, P,6)	20.0	-123.9	-0.6	-0.8	2.2	0.9	140.0	41.5
(PLNS, 20,100,V,V, P,9)	20.0	-127.8	-0.6	-1.6	2.2	0.9	143.1	44.5
(PLNS, 20,100,V,V,AV,3)	20.0	-112.7	-0.6	-0.4	2.2	0.9	129.2	30.6
(PLNS, 20,100,V,V,AV,6)	20.0	-109.8	-0.6	-0.8	2.2	0.9	125.9	27.3
(PLNS, 20,100,V,V,AV,9)	20.0	-111.0	-0.6	-1.6	2.2	0.9	126.3	27.7
(PLNS, 20,100,V,V,AH,3)	20.0	-126.9	-0.6	-0.4	2.2	0.9	143.4	44.8
(PLNS, 20,100,V,V,AH,6)	20.0	-122.4	-0.6	-0.8	2.2	0.9	138.5	39.9
(PLNS, 20,100,V,V,AH,9)	20.0	-122.4	-0.6	-1.6	2.2	0.9	137.7	39.1
(PLNS, 20,100,H,V, P,3)	20.0	-129.4	1.8	-21.0	0.7	0.9	129.2	30.6
(PLNS, 20,100,H,V, P,6)	20.0	-121.9	1.8	-19.7	0.7	0.9	123.0	24.4
(PLNS, 20,100,H,V, P,9)	20.0	-127.5	1.8	-21.7	0.7	0.9	126.6	28.0
(PLNS, 20,100,H,V,AV,3)	20.0	-117.2	1.8	-21.0	0.7	0.9	117.0	18.4
(PLNS, 20,100,H,V,AV,6)	20.0	-120.5	1.8	-19.7	0.7	0.9	121.6	23.0
(PLNS, 20,100,H,V,AV,9)	20.0	-117.2	1.8	-21.7	0.7	0.9	116.3	17.7
(PLNS, 20,100,H,V,AH,3)	20.0	-129.2	1.8	-21.0	0.7	0.9	129.0	30.5
(PLNS, 20,100,H,V,AH,6)	20.0	-123.9	1.8	-19.7	0.7	0.9	125.0	26.5
(PLNS, 20,100,H,V,AH,9)	20.0	-134.3	1.8	-21.7	0.7	0.9	133.4	34.8
(PLNS, 20,100,V,H, P,3)	20.0	-134.3	-0.6	-22.0	2.2	0.9	129.2	30.6
(PLNS, 20,100,V,H, P,6)	20.0	-126.9	-0.6	-16.0	2.2	0.9	127.8	29.2
(PLNS, 20,100,V,H, P,9)	20.0	-127.8	-0.6	-16.7	2.2	0.9	128.0	29.4
(PLNS, 20,100,V,H,AV,3)	20.0	**	-0.6	-22.0	2.2	0.9	**	**
(PLNS, 20,100,V,H,AV,6)	20.0	-125.0	-0.6	-16.0	2.2	0.9	125.9	27.3
(PLNS, 20,100,V,H,AV,9)	20.0	-123.0	-0.6	-16.7	2.2	0.9	123.2	24.7
(PLNS, 20,100,V,H,AH,3)	20.0	-132.9	-0.6	-22.0	2.2	0.9	127.8	29.3
(PLNS, 20,100,V,H,AH,6)	20.0	-130.6	-0.6	-16.0	2.2	0.9	131.5	32.9
(PLNS, 20,100,V,H,AH,9)	20.0	-130.6	-0.6	-16.7	2.2	0.9	130.8	32.2
(PLNS, 20,100,H,H, P,3)	20.0	-126.9	1.8	0.0	0.7	0.9	147.7	49.1
(PLNS, 20,100,H,H, P,6)	20.0	-118.6	1.8	1.2	0.7	0.9	140.6	42.1
(PLNS, 20,100,H,H, P,9)	20.0	-126.1	1.8	0.8	0.7	0.9	147.7	49.2
(PLNS, 20,100,H,H,AV,3)	20.0	-122.8	1.8	0.0	0.7	0.9	143.7	45.1
(PLNS, 20,100,H,H,AV,6)	20.0	-112.4	1.8	1.2	0.7	0.9	134.4	35.8
(PLNS, 20,100,H,H,AV,9)	20.0	-105.9	1.8	0.8	0.7	0.9	127.5	28.9
(PLNS, 20,100,H,H,AH,3)	20.0	-111.2	1.8	0.0	0.7	0.9	132.0	33.4
(PLNS, 20,100,H,H,AH,6)	20.0	-108.7	1.8	1.2	0.7	0.9	130.7	32.1
(PLNS, 20,100,H,H,AH,9)	20.0	-106.6	1.8	0.8	0.7	0.9	128.2	29.7
(KLIR, 52,100,H,H, P,3)	42.2	-105.0		-0.3		0.9	146.6	39.7
(KLIR, 52,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 52,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 52,100,H,H,AV,3)	42.2	-110.6		-0.3		0.9	152.2	45.3
(KLIR, 52,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 52,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 52,100,H,H,AH,3)	42.2	-111.1		-0.3		0.9	152.7	45.8
(KLIR, 52,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 52,100,H,H,AH,9)	*	*		*		*	*	*

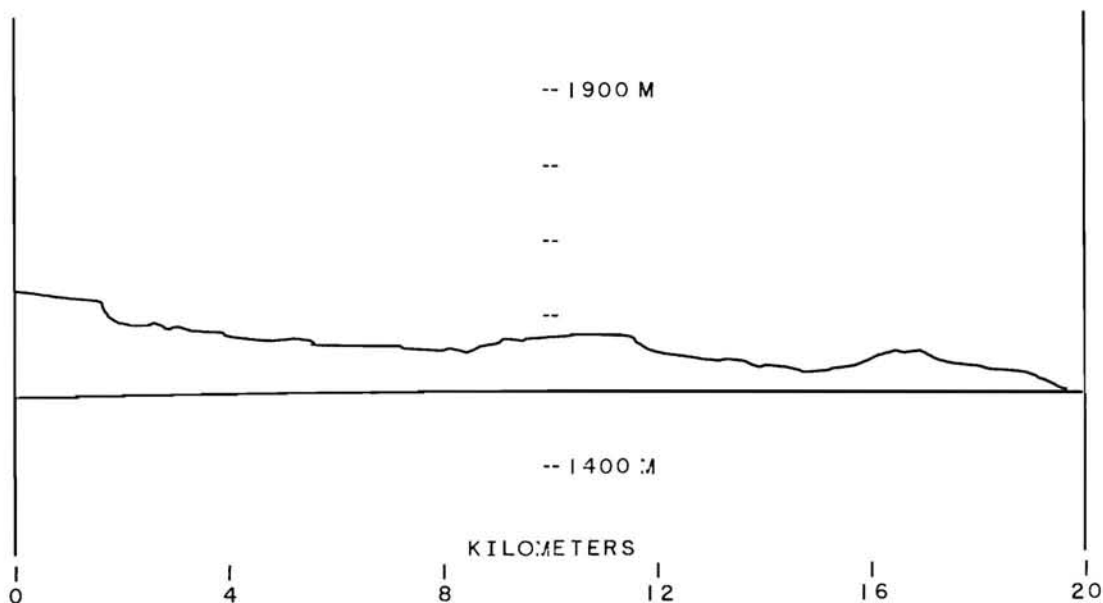
* NO MEASUREMENT ATTEMPTED

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 20KM SITE 6

DATE 05-08-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-111.0	-2.7	0.9	0.1	-0.0	133.1	48.6
(PLNS, 20, 20,V,V,AV,3)	24.0	-111.0	-2.7	0.9	0.1	-0.0	133.1	48.6
(PLNS, 20, 20,V,V,AH,3)	24.0	-111.0	-2.7	0.9	0.1	-0.0	133.1	48.6
(PLNS, 20, 50,V,V, P,1)	16.5	-133.5	-0.8	-2.9	1.2	0.2	144.9	52.4
(PLNS, 20, 50,V,V, P,3)	16.5	-127.5	-0.8	2.6	1.2	0.2	144.4	51.9
(PLNS, 20, 50,V,V,AV,1)	16.5	-133.5	-0.8	-2.9	1.2	0.2	144.9	52.4
(PLNS, 20, 50,V,V,AV,3)	16.5	-127.5	-0.8	2.6	1.2	0.2	144.4	51.9
(PLNS, 20, 50,V,V,AH,1)	16.5	-133.5	-0.8	-2.9	1.2	0.2	144.9	52.4
(PLNS, 20, 50,V,V,AH,3)	16.5	-127.5	-0.8	2.6	1.2	0.2	144.4	51.9



COLORADO PLAINS R= 20KM SITE 6

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-13-63	25.02	NOT GIVEN	70%	62.8	89.0

HOUSE AND 40FT TREES 100FT AWAY; TREE DENSITY 100FT. 3-WIRE POWER LINE ON NORTH SIDE OF ROAD.

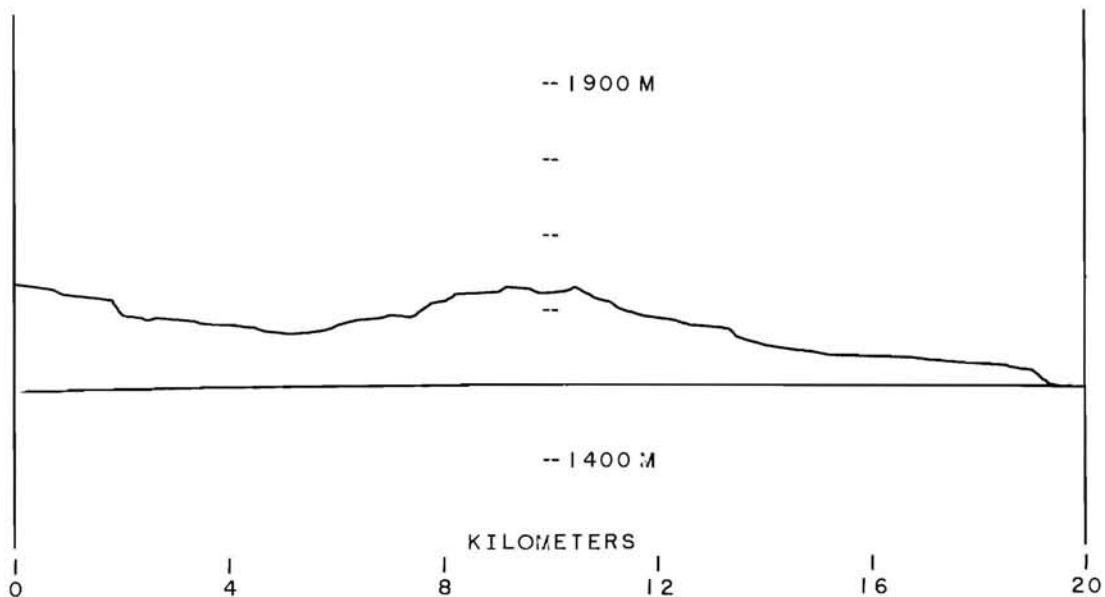
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-124.1	-0.5	-0.4	2.2	0.9	140.7	42.2
(PLNS, 20,100,V,V, P,6)	20.0	-118.7	-0.5	-0.6	2.2	0.9	135.1	36.6
(PLNS, 20,100,V,V, P,9)	20.0	-115.6	-0.5	-1.5	2.2	0.9	131.1	32.5
(PLNS, 20,100,V,V,AV,3)	20.0	-124.1	-0.5	-0.4	2.2	0.9	140.7	42.2
(PLNS, 20,100,V,V,AV,6)	20.0	-118.7	-0.5	-0.6	2.2	0.9	135.1	36.6
(PLNS, 20,100,V,V,AV,9)	20.0	-115.6	-0.5	-1.5	2.2	0.9	131.1	32.5
(PLNS, 20,100,V,V,AH,3)	20.0	-124.1	-0.5	-0.4	2.2	0.9	140.7	42.2
(PLNS, 20,100,V,V,AH,6)	20.0	-118.7	-0.5	-0.6	2.2	0.9	135.1	36.6
(PLNS, 20,100,V,V,AH,9)	20.0	-115.6	-0.5	-1.5	2.2	0.9	131.1	32.5
(PLNS, 20,100,H,V, P,3)	20.0	-138.7	1.8	-23.1	0.7	0.9	136.4	37.9
(PLNS, 20,100,H,V, P,6)	20.0	-138.7	1.8	-22.5	0.7	0.9	137.0	38.5
(PLNS, 20,100,H,V, P,9)	20.0	-136.2	1.8	-23.4	0.7	0.9	133.6	35.0
(PLNS, 20,100,H,V,AV,3)	20.0	-138.7	1.8	-23.1	0.7	0.9	136.4	37.9
(PLNS, 20,100,H,V,AV,6)	20.0	-138.7	1.8	-22.5	0.7	0.9	137.0	38.5
(PLNS, 20,100,H,V,AV,9)	20.0	-136.2	1.8	-23.4	0.7	0.9	133.6	35.0
(PLNS, 20,100,H,V,AH,3)	20.0	-138.7	1.8	-23.1	0.7	0.9	136.4	37.9
(PLNS, 20,100,H,V,AH,6)	20.0	-138.7	1.8	-22.5	0.7	0.9	137.0	38.5
(PLNS, 20,100,H,V,AH,9)	20.0	-136.2	1.8	-23.4	0.7	0.9	133.6	35.0
(PLNS, 20,100,V,H, P,3)	20.0	-134.1	-0.5	-21.6	2.2	0.9	129.5	30.9
(PLNS, 20,100,V,H, P,6)	20.0	-123.9	-0.5	-16.0	2.2	0.9	124.9	26.4
(PLNS, 20,100,V,H, P,9)	20.0	-121.4	-0.5	-16.7	2.2	0.9	121.7	23.2
(PLNS, 20,100,V,H,AV,3)	20.0	-134.1	-0.5	-21.6	2.2	0.9	129.5	30.9
(PLNS, 20,100,V,H,AV,6)	20.0	-123.9	-0.5	-16.0	2.2	0.9	124.9	26.4
(PLNS, 20,100,V,H,AV,9)	20.0	-121.4	-0.5	-16.7	2.2	0.9	121.7	23.2
(PLNS, 20,100,V,H,AH,3)	20.0	-134.1	-0.5	-21.6	2.2	0.9	129.5	30.9
(PLNS, 20,100,V,H,AH,6)	20.0	-123.9	-0.5	-16.0	2.2	0.9	124.9	26.4
(PLNS, 20,100,V,H,AH,9)	20.0	-121.4	-0.5	-16.7	2.2	0.9	121.7	23.2
(PLNS, 20,100,H,H, P,3)	20.0	-123.0	1.8	-0.4	0.7	0.9	143.4	44.9
(PLNS, 20,100,H,H, P,6)	20.0	-116.8	1.8	1.2	0.7	0.9	138.8	40.3
(PLNS, 20,100,H,H, P,9)	20.0	-113.0	1.8	0.9	0.7	0.9	134.7	36.2
(PLNS, 20,100,H,H,AV,3)	20.0	-123.0	1.8	-0.4	0.7	0.9	143.4	44.9
(PLNS, 20,100,H,H,AV,6)	20.0	-116.8	1.8	1.2	0.7	0.9	138.8	40.3
(PLNS, 20,100,H,H,AV,9)	20.0	-113.0	1.8	0.9	0.7	0.9	134.7	36.2
(PLNS, 20,100,H,H,AH,3)	20.0	-123.0	1.8	-0.4	0.7	0.9	143.4	44.9
(PLNS, 20,100,H,H,AH,6)	20.0	-116.8	1.8	1.2	0.7	0.9	138.8	40.3
(PLNS, 20,100,H,H,AH,9)	20.0	-113.0	1.8	0.9	0.7	0.9	134.7	36.2
(KLIR, 50,100,H,H, P,3)	42.2	-106.2		-0.2		0.9	147.9	41.4
(KLIR, 50,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 50,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 50,100,H,H,AV,3)	42.2	-106.2		-0.2		0.9	147.9	41.4
(KLIR, 50,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 50,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 50,100,H,H,AH,3)	42.2	-106.2		-0.2		0.9	147.9	41.4
(KLIR, 50,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 50,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 7

DATE 05-08-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-114.1	-2.2	-2.1	0.1	-0.0	133.7	49.2
(PLNS, 20, 20,V,V,AV,3)	24.0	-111.9	-2.2	1.3	0.1	-0.0	134.9	57.4
(PLNS, 20, 20,V,V,AH,3)	24.0	-114.7	-2.2	-2.1	0.1	-0.0	134.3	49.8
(PLNS, 20, 50,V,V, P,1)	16.5	-132.9	-1.6	5.5	1.2	0.2	151.9	59.5
(PLNS, 20, 50,V,V, P,3)	16.5	-134.7	-1.6	-0.6	1.2	0.2	147.7	55.2
(PLNS, 20, 50,V,V,AV,1)	16.5	-129.0	-1.6	-3.3	1.2	0.2	139.3	46.8
(PLNS, 20, 50,V,V,AV,3)	16.5	-134.7	-1.6	4.8	1.2	0.2	153.1	60.6
(PLNS, 20, 50,V,V,AH,1)	16.5	-131.9	-1.6	5.5	1.2	0.2	150.9	58.5
(PLNS, 20, 50,V,V,AH,3)	16.5	-132.9	-1.6	-0.6	1.2	0.2	145.8	53.4



COLORADO PLAINS R= 20KM SITE 7

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-25-63	**.**	CLEAR	0%	56.5	76.5

3-WIRE POWER LINE ON SOUTH SIDE OF ROAD. 1/2MI SLOPE, ABOUT 70FT ABOVE SITE, WITH 40FT TREES ON TOP.

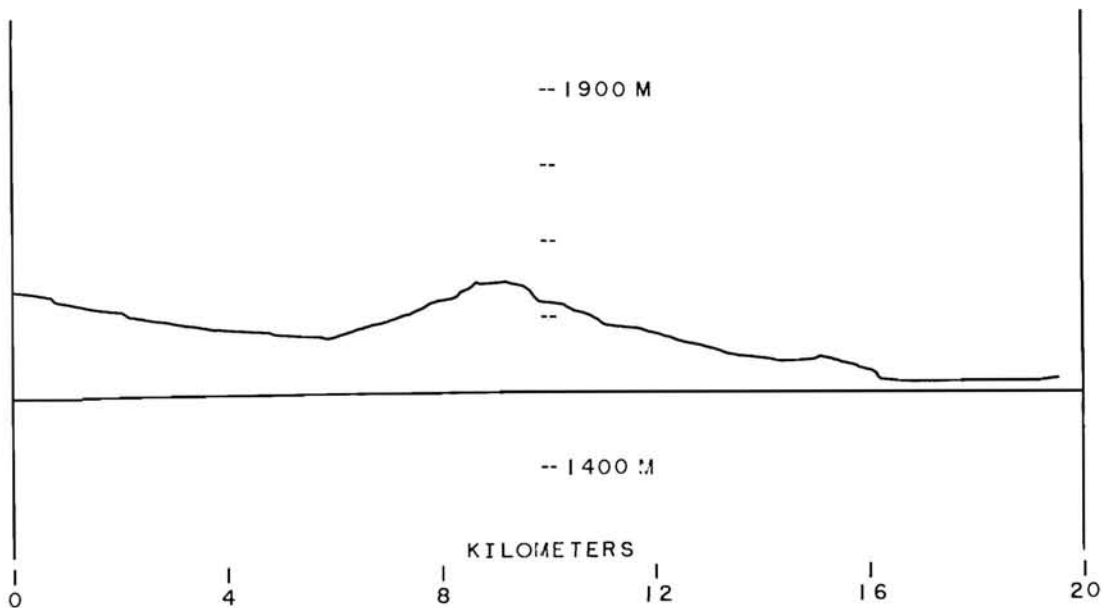
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 20,100,V,V, P,3)	20.0	-131.7	-0.6	-3.8	2.2	0.9	144.8	46.2
(PLNS, 20,100,V,V, P,6)	20.0	-126.9	-0.6	-2.2	2.2	0.9	141.6	43.0
(PLNS, 20,100,V,V, P,9)	20.0	-125.0	-0.6	-2.2	2.2	0.9	139.7	41.1
(PLNS, 20,100,V,V,AV,3)	20.0	-127.5	-0.6	0.0	2.2	0.9	144.4	45.8
(PLNS, 20,100,V,V,AV,6)	20.0	-117.6	-0.6	-0.5	2.2	0.9	134.0	35.5
(PLNS, 20,100,V,V,AV,9)	20.0	-115.4	-0.6	-1.4	2.2	0.9	130.9	32.4
(PLNS, 20,100,V,V,AH,3)	20.0	-130.6	-0.6	-3.8	2.2	0.9	143.7	45.1
(PLNS, 20,100,V,V,AH,6)	20.0	-125.4	-0.6	-2.2	2.2	0.9	140.1	41.5
(PLNS, 20,100,V,V,AH,9)	20.0	-127.5	-0.6	-2.2	2.2	0.9	142.2	43.6
(PLNS, 20,100,H,V, P,3)	20.0	-143.0	1.8	-22.5	0.7	0.9	141.3	42.8
(PLNS, 20,100,H,V, P,6)	20.0	-143.0	1.8	-21.5	0.7	0.9	142.3	43.8
(PLNS, 20,100,H,V, P,9)	20.0	-143.0	1.8	-19.8	0.7	0.9	144.0	45.5
(PLNS, 20,100,H,V,AV,3)	20.0	-136.4	1.8	-22.5	0.7	0.9	134.7	36.2
(PLNS, 20,100,H,V,AV,6)	20.0	-139.5	1.8	-20.5	0.7	0.9	139.8	41.2
(PLNS, 20,100,H,V,AV,9)	20.0	-141.4	1.8	-22.3	0.7	0.9	139.9	41.4
(PLNS, 20,100,H,V,AH,3)	20.0	-139.2	1.8	-22.5	0.7	0.9	137.5	38.9
(PLNS, 20,100,H,V,AH,6)	20.0	-139.2	1.8	-21.5	0.7	0.9	138.5	39.9
(PLNS, 20,100,H,V,AH,9)	20.0	-131.7	1.8	-19.8	0.7	0.9	132.7	34.1
(PLNS, 20,100,V,H, P,3)	20.0	-143.0	-0.6	-18.5	2.2	0.9	141.4	42.9
(PLNS, 20,100,V,H, P,6)	20.0	-138.8	-0.6	-15.4	2.2	0.9	140.3	41.8
(PLNS, 20,100,V,H, P,9)	20.0	-136.8	-0.6	-15.9	2.2	0.9	137.8	39.3
(PLNS, 20,100,V,H,AV,3)	20.0	-136.2	-0.6	-22.5	2.2	0.9	130.6	32.0
(PLNS, 20,100,V,H,AV,6)	20.0	-131.6	-0.6	-16.0	2.2	0.9	132.5	33.9
(PLNS, 20,100,V,H,AV,9)	20.0	-126.1	-0.6	-16.5	2.2	0.9	126.5	28.0
(PLNS, 20,100,V,H,AH,3)	20.0	-139.2	-0.6	-18.5	2.2	0.9	137.6	39.0
(PLNS, 20,100,V,H,AH,6)	20.0	-139.2	-0.6	-15.4	2.2	0.9	140.7	42.1
(PLNS, 20,100,V,H,AH,9)	20.0	-139.2	-0.6	-15.4	2.2	0.9	140.7	42.1
(PLNS, 20,100,H,H, P,3)	20.0	-135.3	1.8	-0.3	0.7	0.9	155.9	57.3
(PLNS, 20,100,H,H, P,6)	20.0	-127.8	1.8	1.2	0.7	0.9	149.8	51.2
(PLNS, 20,100,H,H, P,9)	20.0	-123.0	1.8	0.8	0.7	0.9	144.6	46.1
(PLNS, 20,100,H,H,AV,3)	20.0	-130.2	1.8	-0.6	0.7	0.9	150.4	51.8
(PLNS, 20,100,H,H,AV,6)	20.0	-119.9	1.8	1.2	0.7	0.9	141.9	43.3
(PLNS, 20,100,H,H,AV,9)	20.0	-115.4	1.8	1.0	0.7	0.9	137.2	38.7
(PLNS, 20,100,H,H,AH,3)	20.0	-123.0	1.8	-0.3	0.7	0.9	143.5	45.0
(PLNS, 20,100,H,H,AH,6)	20.0	-121.2	1.8	1.2	0.7	0.9	143.2	44.6
(PLNS, 20,100,H,H,AH,9)	20.0	-117.5	1.8	0.8	0.7	0.9	139.1	40.6
(KLIR, 47,100,H,H, P,3)	42.2	-108.7		1.1		0.9	151.7	45.8
(KLIR, 47,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 47,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 47,100,H,H,AV,3)	42.2	-110.2		-0.1		0.9	152.0	46.1
(KLIR, 47,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 47,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 47,100,H,H,AH,3)	42.2	-108.4		1.1		0.9	151.4	45.5
(KLIR, 47,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 47,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 8

DATE 05-08-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-105.4	-1.4	-2.0	0.1	-0.0	125.9	41.4
(PLNS, 20, 20,V,V,AV,3)	24.0	-107.2	-1.4	-2.0	0.1	-0.0	127.7	43.2
(PLNS, 20, 20,V,V,AH,3)	24.0	-104.7	-1.4	-2.0	0.1	-0.0	125.2	40.8
(PLNS, 20, 50,V,V, P,1)	16.5	-137.0	-2.0	5.7	1.2	0.2	155.8	63.4
(PLNS, 20, 50,V,V, P,3)	16.5	-125.9	-2.0	-0.8	1.2	0.2	138.2	45.7
(PLNS, 20, 50,V,V,AV,1)	16.5	-131.9	-2.0	5.7	1.2	0.2	150.7	58.3
(PLNS, 20, 50,V,V,AV,3)	16.5	-123.9	-2.0	-0.8	1.2	0.2	136.3	43.8
(PLNS, 20, 50,V,V,AH,1)	16.5	-127.5	-2.0	5.7	1.2	0.2	146.3	53.8
(PLNS, 20, 50,V,V,AH,3)	16.5	-121.4	-2.0	-0.8	1.2	0.2	133.8	41.3



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-06-63	25.15	H6	95%	63.6	79.8

DOUBLE ROW OF 50FT TREES 350FT AWAY. 20FT HOUSE IN PATH. DISTANCE THROUGH HOUSE AND TREES 80FT. POWER LINE ON NORTH SIDE OF ROAD. 10-WIRE PHONE LINE ON SOUTH SIDE IN PATH.

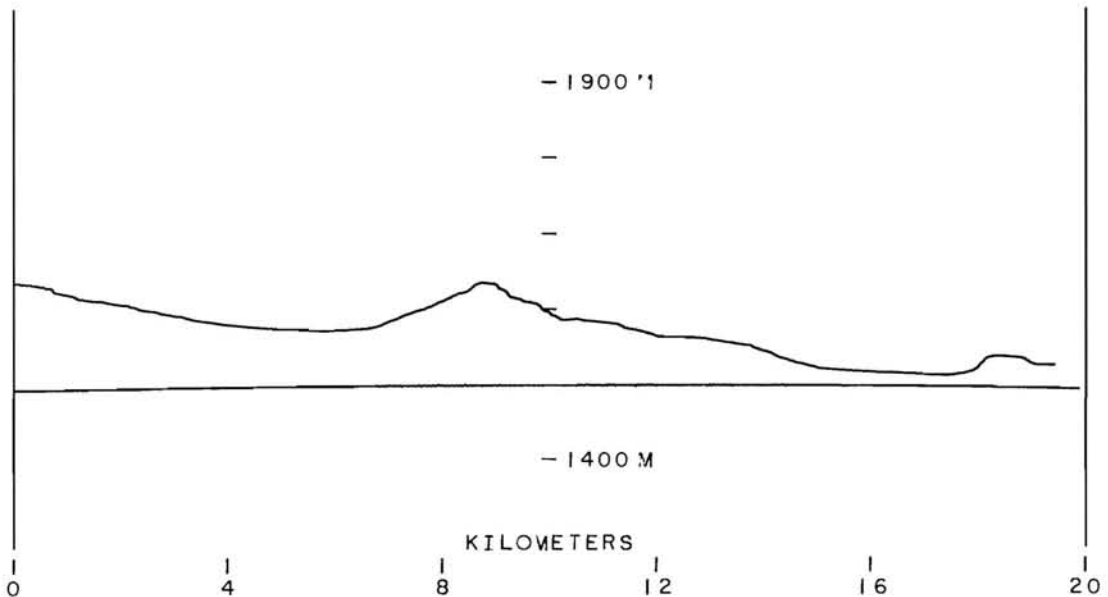
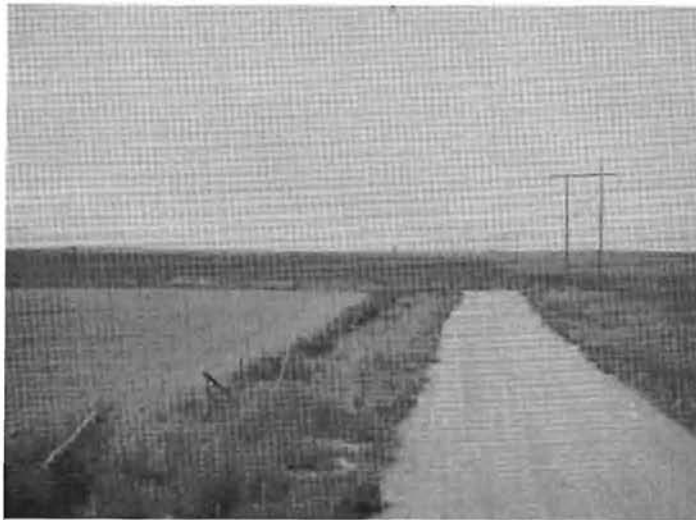
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-119.2	-0.6	-3.4	2.2	0.9	132.7	34.1
(PLNS, 20,100,V,V, P,6)	20.0	-116.6	-0.6	-2.2	2.2	0.9	131.3	32.7
(PLNS, 20,100,V,V, P,9)	20.0	-114.9	-0.6	-2.2	2.2	0.9	129.6	31.0
(PLNS, 20,100,V,V,AV,3)	20.0	-108.1	-0.6	-3.4	2.2	0.9	121.6	23.0
(PLNS, 20,100,V,V,AV,6)	20.0	-104.3	-0.6	-2.2	2.2	0.9	119.0	20.5
(PLNS, 20,100,V,V,AV,9)	20.0	-101.4	-0.6	-2.2	2.2	0.9	116.1	17.6
(PLNS, 20,100,V,V,AH,3)	20.0	-121.2	-0.6	-3.4	2.2	0.9	134.7	36.1
(PLNS, 20,100,V,V,AH,6)	20.0	-114.5	-0.6	-2.2	2.2	0.9	129.2	30.7
(PLNS, 20,100,V,V,AH,9)	20.0	-111.0	-0.6	-2.2	2.2	0.9	125.7	27.1
(PLNS, 20,100,H,V, P,3)	20.0	-137.4	1.8	-19.8	0.7	0.9	138.5	39.9
(PLNS, 20,100,H,V, P,6)	20.0	-141.4	1.8	-19.0	0.7	0.9	143.2	44.7
(PLNS, 20,100,H,V, P,9)	20.0	-134.7	1.8	-18.5	0.7	0.9	137.0	38.5
(PLNS, 20,100,H,V,AV,3)	20.0	-120.5	1.8	-19.8	0.7	0.9	121.5	22.9
(PLNS, 20,100,H,V,AV,6)	20.0	-124.5	1.8	-19.0	0.7	0.9	126.3	27.8
(PLNS, 20,100,H,V,AV,9)	20.0	-136.3	1.8	-18.5	0.7	0.9	138.6	40.1
(PLNS, 20,100,H,V,AH,3)	20.0	-125.0	1.8	-19.8	0.7	0.9	126.0	27.4
(PLNS, 20,100,H,V,AH,6)	20.0	-123.0	1.8	-19.0	0.7	0.9	124.8	26.3
(PLNS, 20,100,H,V,AH,9)	20.0	-123.9	1.8	-18.5	0.7	0.9	126.2	27.7
(PLNS, 20,100,V,H, P,3)	20.0	-125.4	-0.6	-19.2	2.2	0.9	123.1	24.5
(PLNS, 20,100,V,H, P,6)	20.0	-120.3	-0.6	-15.2	2.2	0.9	122.1	23.5
(PLNS, 20,100,V,H, P,9)	20.0	-128.7	-0.6	-15.7	2.2	0.9	129.9	31.3
(PLNS, 20,100,V,H,AV,3)	20.0	-125.4	-0.6	-19.2	2.2	0.9	123.1	24.5
(PLNS, 20,100,V,H,AV,6)	20.0	-121.4	-0.6	-15.2	2.2	0.9	123.1	24.6
(PLNS, 20,100,V,H,AV,9)	20.0	-116.9	-0.6	-15.7	2.2	0.9	118.1	19.6
(PLNS, 20,100,V,H,AH,3)	20.0	-125.0	-0.6	-19.2	2.2	0.9	122.7	24.1
(PLNS, 20,100,V,H,AH,6)	20.0	-117.0	-0.6	-15.2	2.2	0.9	118.7	20.1
(PLNS, 20,100,V,H,AH,9)	20.0	-116.2	-0.6	-15.7	2.2	0.9	117.4	18.8
(PLNS, 20,100,H,H, P,3)	20.0	-118.7	1.8	-0.3	0.7	0.9	139.2	40.7
(PLNS, 20,100,H,H, P,6)	20.0	-110.6	1.8	1.4	0.7	0.9	132.8	34.2
(PLNS, 20,100,H,H, P,9)	20.0	-109.0	1.8	1.0	0.7	0.9	130.9	32.3
(PLNS, 20,100,H,H,AV,3)	20.0	-125.4	1.8	-0.3	0.7	0.9	145.9	47.3
(PLNS, 20,100,H,H,AV,6)	20.0	-112.8	1.8	1.4	0.7	0.9	135.0	36.4
(PLNS, 20,100,H,H,AV,9)	20.0	-105.9	1.8	1.0	0.7	0.9	127.7	29.1
(PLNS, 20,100,H,H,AH,3)	20.0	-109.0	1.8	-0.3	0.7	0.9	129.6	31.0
(PLNS, 20,100,H,H,AH,6)	20.0	-103.7	1.8	1.4	0.7	0.9	126.0	27.4
(PLNS, 20,100,H,H,AH,9)	20.0	-101.0	1.8	1.0	0.7	0.9	122.8	24.3
(KLIR, 45,100,H,H, P,3)	42.2	-104.5		1.1		0.9	147.5	42.1
(KLIR, 45,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 45,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 45,100,H,H,AV,3)	42.2	-105.4		1.1		0.9	148.4	42.9
(KLIR, 45,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 45,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 45,100,H,H,AH,3)	42.2	-110.2		1.1		0.9	153.2	47.7
(KLIR, 45,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 45,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 9

DATE 05-08-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-107.2	-1.0	-1.9	0.1	-0.0	128.2	47.7
(PLNS, 20, 20,V,V,AV,3)	24.0	-109.0	-1.0	-1.9	0.1	-0.0	130.0	45.5
(PLNS, 20, 20,V,V,AH,3)	24.0	-107.2	-1.0	-1.9	0.1	-0.0	128.2	47.7
(PLNS, 20, 50,V,V, P,1)	16.5	-122.2	-2.2	5.6	1.2	0.2	140.7	48.3
(PLNS, 20, 50,V,V, P,3)	16.5	-126.6	-2.2	-1.0	1.2	0.2	138.6	46.1
(PLNS, 20, 50,V,V,AV,1)	16.5	-127.8	-2.2	5.6	1.2	0.2	146.3	53.8
(PLNS, 20, 50,V,V,AV,3)	16.5	-126.1	-2.2	-1.0	1.2	0.2	138.1	45.6
(PLNS, 20, 50,V,V,AH,1)	16.5	-122.2	-2.2	5.6	1.2	0.2	140.7	48.3
(PLNS, 20, 50,V,V,AH,3)	16.5	-126.6	-2.2	-1.0	1.2	0.2	138.6	46.1



COLORADO PLAINS B= 20KM SITE 9

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN
DATE	PRESSURE	TYPE	PERCENT	WET DRY
09-06-63	25.09	H1,M1 OVER MTN	80%	67.7 79.7

POWER LINE ON NORTH SIDE, PHONE LINE ON SOUTH SIDE OF EAST-WEST ROAD.
FAIRGROUND, CLEAR OF OBSTRUCTIONS.

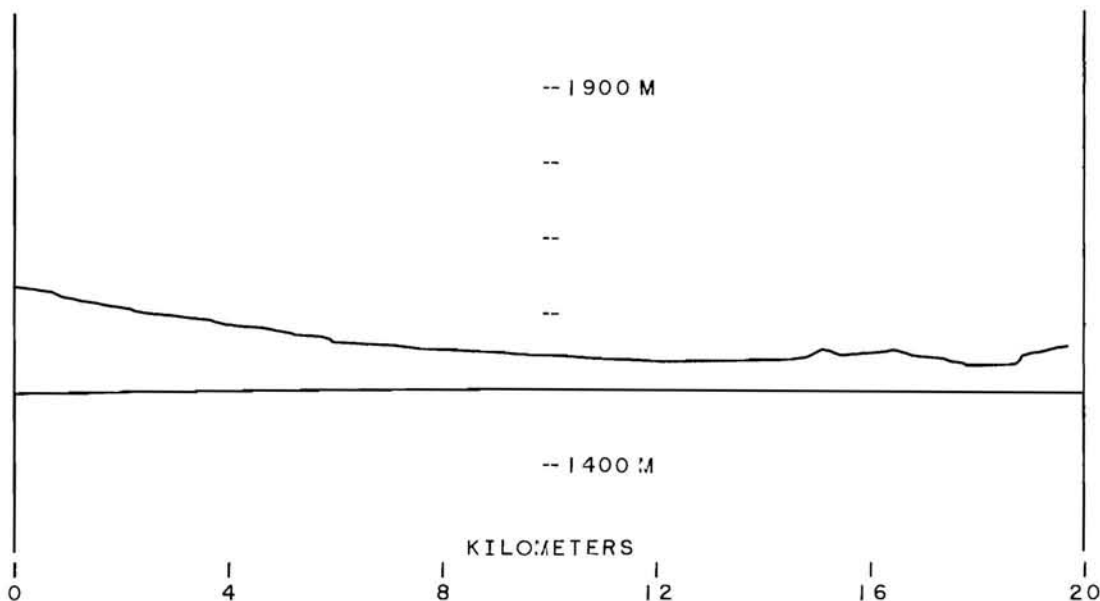
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-122.2	-0.7	-3.0	2.2	0.9	136.0	37.4
(PLNS, 20,100,V,V, P,6)	20.0	-117.8	-0.7	-2.0	2.2	0.9	132.6	34.1
(PLNS, 20,100,V,V, P,9)	20.0	-115.9	-0.7	-2.2	2.2	0.9	130.5	32.0
(PLNS, 20,100,V,V,AV,3)	20.0	-116.3	-0.7	-3.0	2.2	0.9	130.1	31.6
(PLNS, 20,100,V,V,AV,6)	20.0	-112.1	-0.7	-2.0	2.2	0.9	126.9	28.4
(PLNS, 20,100,V,V,AV,9)	20.0	-110.6	-0.7	-2.2	2.2	0.9	125.2	26.6
(PLNS, 20,100,V,V,AH,3)	20.0	-122.2	-0.7	-3.0	2.2	0.9	136.0	37.4
(PLNS, 20,100,V,V,AH,6)	20.0	-117.8	-0.7	-2.0	2.2	0.9	132.6	34.1
(PLNS, 20,100,V,V,AH,9)	20.0	-115.9	-0.7	-2.2	2.2	0.9	130.5	32.0
(PLNS, 20,100,H,V, P,3)	20.0	-131.4	1.7	-18.9	0.7	0.9	133.2	34.7
(PLNS, 20,100,H,V, P,6)	20.0	-131.4	1.7	-17.3	0.7	0.9	134.8	36.3
(PLNS, 20,100,H,V, P,9)	20.0	-131.4	1.7	-17.3	0.7	0.9	134.8	36.3
(PLNS, 20,100,H,V,AV,3)	20.0	-131.4	1.7	-18.9	0.7	0.9	133.2	34.7
(PLNS, 20,100,H,V,AV,6)	20.0	-131.9	1.7	-17.3	0.7	0.9	135.3	36.7
(PLNS, 20,100,H,V,AV,9)	20.0	-131.9	1.7	-17.3	0.7	0.9	135.3	36.7
(PLNS, 20,100,H,V,AH,3)	20.0	-131.4	1.7	-18.9	0.7	0.9	133.2	34.7
(PLNS, 20,100,H,V,AH,6)	20.0	-131.4	1.7	-17.3	0.7	0.9	134.8	36.3
(PLNS, 20,100,H,V,AH,9)	20.0	-131.4	1.7	-17.3	0.7	0.9	134.8	36.3
(PLNS, 20,100,V,H, P,3)	20.0	**	-0.7	-19.7	2.2	0.9	**	**
(PLNS, 20,100,V,H, P,6)	20.0	-137.0	-0.7	-15.5	2.2	0.9	138.3	39.7
(PLNS, 20,100,V,H, P,9)	20.0	-131.9	-0.7	-15.6	2.2	0.9	133.1	34.5
(PLNS, 20,100,V,H,AV,3)	20.0	-136.6	-0.7	-19.7	2.2	0.9	133.7	35.1
(PLNS, 20,100,V,H,AV,6)	20.0	-137.0	-0.7	-15.5	2.2	0.9	138.3	39.7
(PLNS, 20,100,V,H,AV,9)	20.0	-137.0	-0.7	-15.6	2.2	0.9	138.2	39.6
(PLNS, 20,100,V,H,AH,3)	20.0	**	-0.7	-19.7	2.2	0.9	**	**
(PLNS, 20,100,V,H,AH,6)	20.0	-137.0	-0.7	-15.5	2.2	0.9	138.3	39.7
(PLNS, 20,100,V,H,AH,9)	20.0	-131.9	-0.7	-15.6	2.2	0.9	133.1	34.5
(PLNS, 20,100,H,H, P,3)	20.0	-118.9	1.7	-0.4	0.7	0.9	139.2	40.7
(PLNS, 20,100,H,H, P,6)	20.0	-111.0	1.7	1.6	0.7	0.9	133.3	34.7
(PLNS, 20,100,H,H, P,9)	20.0	-108.7	1.7	1.0	0.7	0.9	130.4	31.8
(PLNS, 20,100,H,H,AV,3)	20.0	-119.5	1.7	-0.4	0.7	0.9	139.8	41.2
(PLNS, 20,100,H,H,AV,6)	20.0	-113.8	1.7	1.6	0.7	0.9	136.1	37.5
(PLNS, 20,100,H,H,AV,9)	20.0	-110.2	1.7	1.0	0.7	0.9	131.9	33.3
(PLNS, 20,100,H,H,AH,3)	20.0	-118.9	1.7	-0.4	0.7	0.9	139.2	40.7
(PLNS, 20,100,H,H,AH,6)	20.0	-111.0	1.7	1.6	0.7	0.9	133.3	34.7
(PLNS, 20,100,H,H,AH,9)	20.0	-108.7	1.7	1.0	0.7	0.9	130.4	31.8
(KLIR, 43,100,H,H, P,3)	42.2	-111.9		1.1		0.9	154.9	49.8
(KLIR, 43,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 43,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 43,100,H,H,AV,3)	42.2	-103.9		1.1		0.9	146.9	41.8
(KLIR, 43,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 43,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 43,100,H,H,AH,3)	42.2	-111.9		1.1		0.9	154.9	49.8
(KLIR, 43,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 43,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED
** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 20KM SITE 10

DATE 05-08-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-102.5	-0.7	-1.8	0.1	-0.0	123.9	39.4
(PLNS, 20, 20,V,V,AV,3)	24.0	-103.0	-0.7	1.6	0.1	-0.0	127.8	43.3
(PLNS, 20, 20,V,V,AH,3)	24.0	-102.5	-0.7	-1.8	0.1	-0.0	123.9	39.4
(PLNS, 20, 50,V,V, P,1)	16.5	-116.2	-2.2	5.3	1.2	0.2	134.4	41.9
(PLNS, 20, 50,V,V, P,3)	16.5	-118.3	-2.2	-1.4	1.2	0.2	129.8	37.4
(PLNS, 20, 50,V,V,AV,1)	16.5	-117.4	-2.2	-3.8	1.2	0.2	126.6	34.1
(PLNS, 20, 50,V,V,AV,3)	16.5	-119.5	-2.2	6.3	1.2	0.2	138.7	46.3
(PLNS, 20, 50,V,V,AH,1)	16.5	-116.2	-2.2	5.3	1.2	0.2	134.4	41.9
(PLNS, 20, 50,V,V,AH,3)	16.5	-118.3	-2.2	-1.4	1.2	0.2	129.8	37.4



COLORADO PLAINS B= 20KM SITE 10

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-12-63	24.89	M3,H1	90%	66.5	87.8

OPEN COUNTRY, HORIZON 7MI. 9-WIRE POWER LINE ON SOUTH SIDE OF ROAD,
20 TO 30FT HIGH.

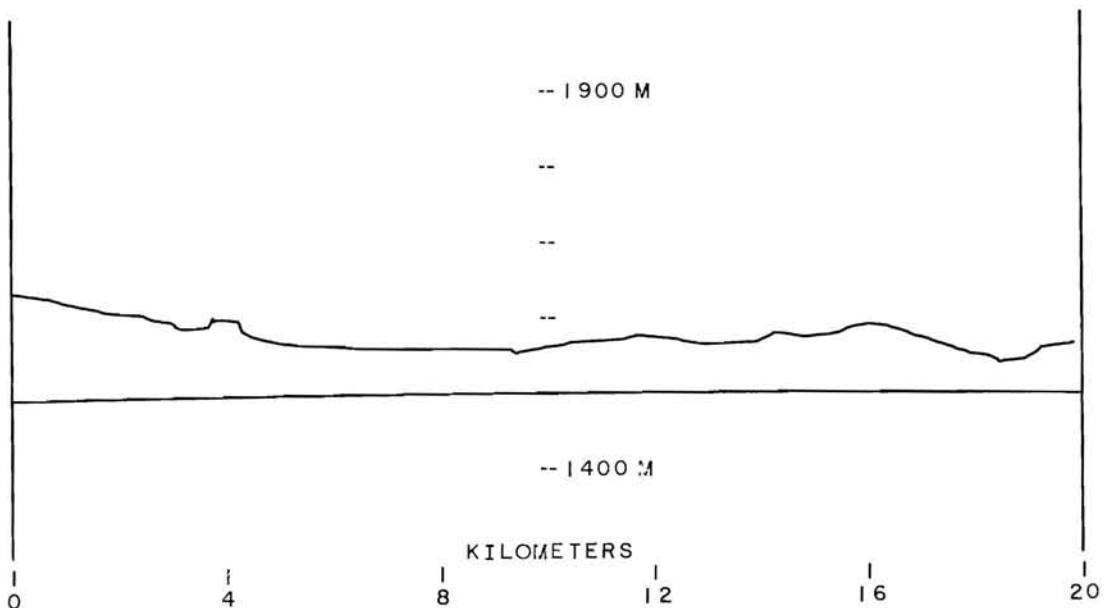
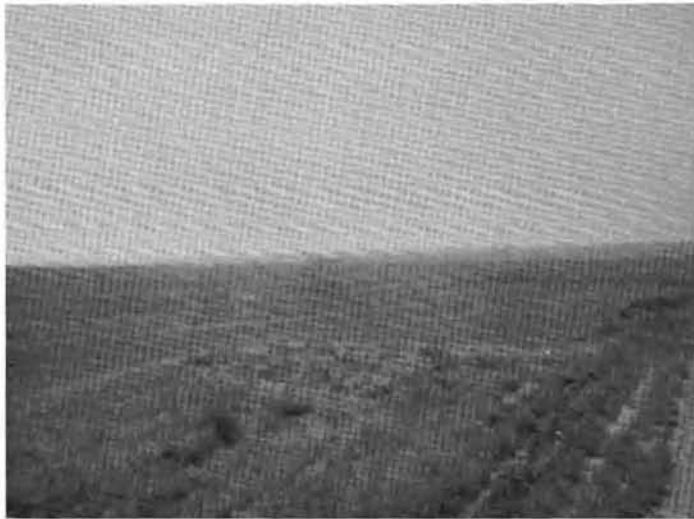
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-109.4	-0.7	-2.2	2.2	0.9	124.0	25.4
(PLNS, 20,100,V,V, P,6)	20.0	-104.1	-0.7	-0.8	2.2	0.9	120.1	21.6
(PLNS, 20,100,V,V, P,9)	20.0	-103.4	-0.7	-2.2	2.2	0.9	118.0	19.4
(PLNS, 20,100,V,V,AV,3)	20.0	-106.6	-0.7	0.8	2.2	0.9	124.2	25.7
(PLNS, 20,100,V,V,AV,6)	20.0	-100.3	-0.7	-0.4	2.2	0.9	116.8	18.2
(PLNS, 20,100,V,V,AV,9)	20.0	-98.5	-0.7	-1.2	2.2	0.9	114.1	15.6
(PLNS, 20,100,V,V,AH,3)	20.0	-109.4	-0.7	-2.2	2.2	0.9	124.0	25.4
(PLNS, 20,100,V,V,AH,6)	20.0	-104.1	-0.7	-0.8	2.2	0.9	120.1	21.6
(PLNS, 20,100,V,V,AH,9)	20.0	-103.4	-0.7	-2.2	2.2	0.9	118.0	19.4
(PLNS, 20,100,H,V, P,3)	20.0	-126.1	1.7	-17.0	0.7	0.9	129.8	31.3
(PLNS, 20,100,H,V, P,6)	20.0	-111.6	1.7	-16.0	0.7	0.9	116.3	17.7
(PLNS, 20,100,H,V, P,9)	20.0	-106.4	1.7	-16.7	0.7	0.9	110.4	11.8
(PLNS, 20,100,H,V,AV,3)	20.0	-119.7	1.7	-17.3	0.7	0.9	123.1	24.6
(PLNS, 20,100,H,V,AV,6)	20.0	-114.1	1.7	-16.5	0.7	0.9	118.3	19.7
(PLNS, 20,100,H,V,AV,9)	20.0	-111.7	1.7	-19.3	0.7	0.9	113.1	14.5
(PLNS, 20,100,H,V,AH,3)	20.0	-126.1	1.7	-17.0	0.7	0.9	129.8	31.3
(PLNS, 20,100,H,V,AH,6)	20.0	-111.6	1.7	-16.0	0.7	0.9	116.3	17.7
(PLNS, 20,100,H,V,AH,9)	20.0	-106.4	1.7	-16.7	0.7	0.9	110.4	11.8
(PLNS, 20,100,V,H, P,3)	20.0	-119.3	-0.7	-20.6	2.2	0.9	115.5	16.9
(PLNS, 20,100,V,H, P,6)	20.0	-114.7	-0.7	-16.2	2.2	0.9	115.3	16.8
(PLNS, 20,100,V,H, P,9)	20.0	-116.3	-0.7	-15.7	2.2	0.9	117.4	18.9
(PLNS, 20,100,V,H,AV,3)	20.0	-131.0	-0.7	-21.5	2.2	0.9	126.3	27.7
(PLNS, 20,100,V,H,AV,6)	20.0	-133.6	-0.7	-16.0	2.2	0.9	134.4	35.8
(PLNS, 20,100,V,H,AV,9)	20.0	-120.7	-0.7	-16.5	2.2	0.9	121.1	22.5
(PLNS, 20,100,V,H,AH,3)	20.0	-119.3	-0.7	-20.6	2.2	0.9	115.5	16.9
(PLNS, 20,100,V,H,AH,6)	20.0	-114.7	-0.7	-16.2	2.2	0.9	115.3	16.8
(PLNS, 20,100,V,H,AH,9)	20.0	-116.3	-0.7	-15.7	2.2	0.9	117.4	18.9
(PLNS, 20,100,H,H, P,3)	20.0	-106.1	1.7	-0.7	0.7	0.9	126.1	27.6
(PLNS, 20,100,H,H, P,6)	20.0	-98.8	1.7	1.6	0.7	0.9	121.1	22.6
(PLNS, 20,100,H,H, P,9)	20.0	-96.8	1.7	1.1	0.7	0.9	118.6	20.1
(PLNS, 20,100,H,H,AV,3)	20.0	-111.4	1.7	-0.2	0.7	0.9	131.9	33.4
(PLNS, 20,100,H,H,AV,6)	20.0	-102.5	1.7	1.4	0.7	0.9	124.6	26.1
(PLNS, 20,100,H,H,AV,9)	20.0	-97.8	1.7	1.2	0.7	0.9	119.7	21.2
(PLNS, 20,100,H,H,AH,3)	20.0	-106.1	1.7	-0.7	0.7	0.9	126.1	27.6
(PLNS, 20,100,H,H,AH,6)	20.0	-98.8	1.7	1.6	0.7	0.9	121.1	22.6
(PLNS, 20,100,H,H,AH,9)	20.0	-96.8	1.7	1.1	0.7	0.9	118.6	20.1
(KLIR, 40,100,H,H, P,3)	42.2	-102.8		1.1		0.9	145.9	41.4
(KLIR, 40,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 40,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 40,100,H,H,AV,3)	42.2	-101.0		0.0		0.9	142.9	38.4
(KLIR, 40,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 40,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 40,100,H,H,AH,3)	42.2	-102.8		1.1		0.9	145.9	41.4
(KLIR, 40,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 40,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 11

DATE 05-15-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-106.6	-0.7	-3.1	0.1	-0.0	126.7	42.2
(PLNS, 20, 20,V,V,AV,3)	24.0	-106.6	-0.7	-0.7	0.1	-0.0	129.1	44.6
(PLNS, 20, 20,V,V,AH,3)	24.0	-106.6	-0.7	1.4	0.1	-0.0	131.2	46.7
(PLNS, 20, 50,V,V, P,1)	17.0	-120.2	-2.2	-6.4	1.2	0.2	127.2	34.7
(PLNS, 20, 50,V,V, P,3)	17.0	-125.0	-2.2	-3.5	1.2	0.2	134.8	42.4
(PLNS, 20, 50,V,V,AV,1)	17.0	-120.2	-2.2	2.0	1.2	0.2	135.6	43.1
(PLNS, 20, 50,V,V,AV,3)	17.0	-125.0	-2.2	5.7	1.2	0.2	144.0	51.6
(PLNS, 20, 50,V,V,AH,1)	17.0	-125.4	-2.2	-3.3	1.2	0.2	135.5	43.0
(PLNS, 20, 50,V,V,AH,3)	17.0	-127.2	-2.2	6.7	1.2	0.2	147.3	54.8



COLORADO PLAINS B= 20KM SITF 11

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-12-63	24.85	M3	60%	65.8	90.0

NO COMMENT.

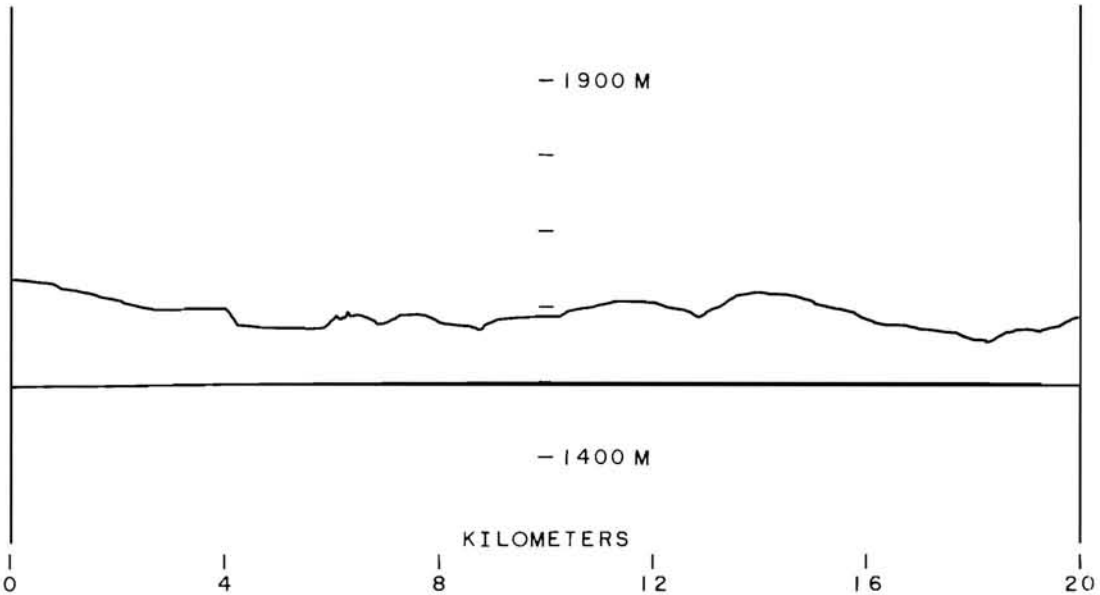
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 20,100,V,V, P,3)	20.0	-108.7	-0.4	1.6	2.2	0.9	127.4	28.8
(PLNS, 20,100,V,V, P,6)	20.0	-105.0	-0.4	-1.0	2.2	0.9	121.1	22.5
(PLNS, 20,100,V,V, P,9)	20.0	-102.8	-0.4	-1.2	2.2	0.9	118.8	20.2
(PLNS, 20,100,V,V,AV,3)	20.0	-108.7	-0.4	0.2	2.2	0.9	126.0	27.4
(PLNS, 20,100,V,V,AV,6)	20.0	-105.0	-0.4	-1.2	2.2	0.9	120.9	22.3
(PLNS, 20,100,V,V,AV,9)	20.0	-102.8	-0.4	-1.6	2.2	0.9	118.4	19.8
(PLNS, 20,100,V,V,AH,3)	20.0	-117.7	-0.4	0.8	2.2	0.9	135.6	37.1
(PLNS, 20,100,V,V,AH,6)	20.0	-111.9	-0.4	-0.4	2.2	0.9	128.6	30.0
(PLNS, 20,100,V,V,AH,9)	20.0	-109.4	-0.4	-1.2	2.2	0.9	125.3	26.7
(PLNS, 20,100,H,V, P,3)	20.0	-134.1	1.6	-15.0	0.7	0.9	139.7	41.1
(PLNS, 20,100,H,V, P,6)	20.0	-125.4	1.6	-12.4	0.7	0.9	133.6	35.0
(PLNS, 20,100,H,V, P,9)	20.0	-122.2	1.6	-15.1	0.7	0.9	127.7	29.1
(PLNS, 20,100,H,V,AV,3)	20.0	-134.1	1.6	-22.8	0.7	0.9	131.9	33.3
(PLNS, 20,100,H,V,AV,6)	20.0	-125.4	1.6	-17.5	0.7	0.9	128.5	29.9
(PLNS, 20,100,H,V,AV,9)	20.0	-122.2	1.6	-21.0	0.7	0.9	121.8	23.2
(PLNS, 20,100,H,V,AH,3)	20.0	-133.8	1.6	-16.5	0.7	0.9	137.9	39.3
(PLNS, 20,100,H,V,AH,6)	20.0	-143.6	1.6	-14.9	0.7	0.9	149.3	50.7
(PLNS, 20,100,H,V,AH,9)	20.0	-136.2	1.6	-18.0	0.7	0.9	138.8	40.2
(PLNS, 20,100,V,H, P,3)	20.0	-134.1	-0.4	-19.3	2.2	0.9	131.9	33.3
(PLNS, 20,100,V,H, P,6)	20.0	-124.7	-0.4	-19.7	2.2	0.9	122.2	23.6
(PLNS, 20,100,V,H, P,9)	20.0	-121.3	-0.4	-17.6	2.2	0.9	120.8	22.2
(PLNS, 20,100,V,H,AV,3)	20.0	-134.1	-0.4	-17.5	2.2	0.9	133.7	35.1
(PLNS, 20,100,V,H,AV,6)	20.0	-124.7	-0.4	-15.5	2.2	0.9	126.4	27.8
(PLNS, 20,100,V,H,AV,9)	20.0	-121.3	-0.4	-15.9	2.2	0.9	122.5	23.9
(PLNS, 20,100,V,H,AH,3)	20.0	-127.3	-0.4	-20.4	2.2	0.9	124.0	25.5
(PLNS, 20,100,V,H,AH,6)	20.0	-145.6	-0.4	-15.5	2.2	0.9	147.2	48.7
(PLNS, 20,100,V,H,AH,9)	20.0	-137.0	-0.4	-16.4	2.2	0.9	137.7	39.1
(PLNS, 20,100,H,H, P,3)	20.0	-113.5	1.6	-2.0	0.7	0.9	132.1	33.5
(PLNS, 20,100,H,H, P,6)	20.0	-105.6	1.6	1.5	0.7	0.9	127.7	29.2
(PLNS, 20,100,H,H, P,9)	20.0	-102.7	1.6	1.0	0.7	0.9	124.3	25.7
(PLNS, 20,100,H,H,AV,3)	20.0	-113.5	1.6	1.5	0.7	0.9	135.6	37.0
(PLNS, 20,100,H,H,AV,6)	20.0	-105.6	1.6	1.4	0.7	0.9	127.6	29.1
(PLNS, 20,100,H,H,AV,9)	20.0	-102.7	1.6	1.2	0.7	0.9	124.5	25.9
(PLNS, 20,100,H,H,AH,3)	20.0	-111.0	1.6	0.1	0.7	0.9	131.7	33.1
(PLNS, 20,100,H,H,AH,6)	20.0	-106.4	1.6	1.6	0.7	0.9	128.6	30.0
(PLNS, 20,100,H,H,AH,9)	20.0	-101.3	1.6	1.3	0.7	0.9	123.2	24.6
(KLIR, 37,100,H,H, P,3)	42.2	-93.2		0.6		0.9	135.7	31.9
(KLIR, 37,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 37,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AV,3)	42.2	-93.2		0.4		0.9	135.5	31.7
(KLIR, 37,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AH,3)	42.2	-97.0		0.0		0.9	138.9	35.1
(KLIR, 37,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 12

DATE 05-15-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-102.8	-1.3	1.5	0.1	-0.0	126.9	42.5
(PLNS, 20, 20,V,V,AV,3)	24.0	-102.8	-1.3	1.5	0.1	-0.0	126.9	42.5
(PLNS, 20, 20,V,V,AH,3)	24.0	-102.8	-1.3	1.5	0.1	-0.0	126.9	42.5
(PLNS, 20, 50,V,V, P,1)	17.0	-123.0	-2.2	-3.7	1.2	0.2	132.7	40.2
(PLNS, 20, 50,V,V, P,3)	17.0	-128.4	-2.2	6.5	1.2	0.2	148.3	55.8
(PLNS, 20, 50,V,V,AV,1)	17.0	-123.0	-2.2	-3.7	1.2	0.2	132.7	40.2
(PLNS, 20, 50,V,V,AV,3)	17.0	-128.4	-2.2	6.5	1.2	0.2	148.3	55.8
(PLNS, 20, 50,V,V,AH,1)	17.0	-123.0	-2.2	-3.7	1.2	0.2	132.7	40.2
(PLNS, 20, 50,V,V,AH,3)	17.0	-128.4	-2.2	6.5	1.2	0.2	148.3	55.8



COLORADO PLAINS R= 20KM SITE 12

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-15-63	24.65	CUMULUS	25%	60.5	94.8

OPEN FARMLAND.

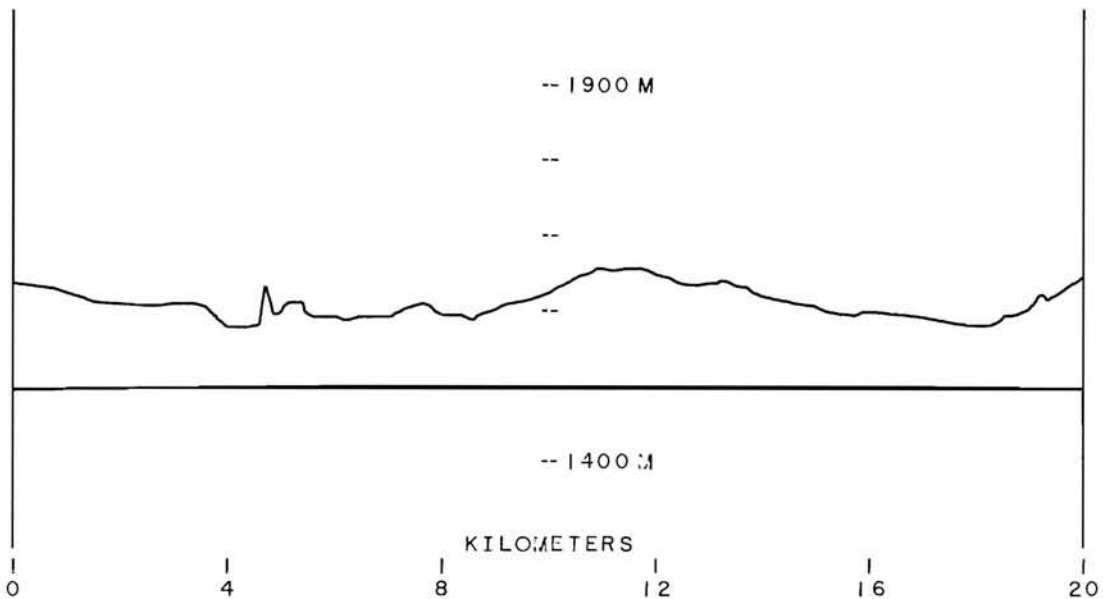
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-119.2	-0.7	0.8	2.2	0.9	136.8	38.2
(PLNS, 20,100,V,V, P,6)	20.0	-125.9	-0.7	-0.4	2.2	0.9	142.3	43.7
(PLNS, 20,100,V,V, P,9)	20.0	-112.7	-0.7	-1.2	2.2	0.9	128.3	29.7
(PLNS, 20,100,V,V,AV,3)	20.0	-119.2	-0.7	0.8	2.2	0.9	136.8	38.2
(PLNS, 20,100,V,V,AV,6)	20.0	-125.9	-0.7	-0.4	2.2	0.9	142.3	43.7
(PLNS, 20,100,V,V,AV,9)	20.0	-112.7	-0.7	-1.2	2.2	0.9	128.3	29.7
(PLNS, 20,100,V,V,AH,3)	20.0	-119.2	-0.7	0.8	2.2	0.9	136.8	38.2
(PLNS, 20,100,V,V,AH,6)	20.0	-125.9	-0.7	-0.4	2.2	0.9	142.3	43.7
(PLNS, 20,100,V,V,AH,9)	20.0	-112.7	-0.7	-1.2	2.2	0.9	128.3	29.7
(PLNS, 20,100,H,V, P,3)	20.0	-128.2	1.4	-16.9	0.7	0.9	131.7	33.1
(PLNS, 20,100,H,V, P,6)	20.0	-131.4	1.4	-15.4	0.7	0.9	136.4	37.8
(PLNS, 20,100,H,V, P,9)	20.0	-131.4	1.4	-18.5	0.7	0.9	133.3	34.7
(PLNS, 20,100,H,V,AV,3)	20.0	-128.2	1.4	-16.9	0.7	0.9	131.7	33.1
(PLNS, 20,100,H,V,AV,6)	20.0	-131.4	1.4	-15.4	0.7	0.9	136.4	37.8
(PLNS, 20,100,H,V,AV,9)	20.0	-131.4	1.4	-18.5	0.7	0.9	133.3	34.7
(PLNS, 20,100,H,V,AH,3)	20.0	-128.2	1.4	-16.9	0.7	0.9	131.7	33.1
(PLNS, 20,100,H,V,AH,6)	20.0	-131.4	1.4	-15.4	0.7	0.9	136.4	37.8
(PLNS, 20,100,H,V,AH,9)	20.0	-131.4	1.4	-18.5	0.7	0.9	133.3	34.7
(PLNS, 20,100,V,H, P,3)	20.0	-129.7	-0.7	-21.0	2.2	0.9	125.5	27.0
(PLNS, 20,100,V,H, P,6)	20.0	-132.3	-0.7	-15.9	2.2	0.9	133.3	34.7
(PLNS, 20,100,V,H, P,9)	20.0	-133.6	-0.7	-15.3	2.2	0.9	135.1	36.5
(PLNS, 20,100,V,H,AV,3)	20.0	-129.7	-0.7	-21.0	2.2	0.9	125.5	27.0
(PLNS, 20,100,V,H,AV,6)	20.0	-132.3	-0.7	-15.9	2.2	0.9	133.3	34.7
(PLNS, 20,100,V,H,AV,9)	20.0	-133.6	-0.7	-15.3	2.2	0.9	135.1	36.5
(PLNS, 20,100,V,H,AH,3)	20.0	-129.7	-0.7	-21.0	2.2	0.9	125.5	27.0
(PLNS, 20,100,V,H,AH,6)	20.0	-132.3	-0.7	-15.9	2.2	0.9	133.3	34.7
(PLNS, 20,100,V,H,AH,9)	20.0	-133.6	-0.7	-15.3	2.2	0.9	135.1	36.5
(PLNS, 20,100,H,H, P,3)	20.0	-130.4	1.4	-0.1	0.7	0.9	150.7	52.1
(PLNS, 20,100,H,H, P,6)	20.0	-118.5	1.4	1.5	0.7	0.9	140.4	41.9
(PLNS, 20,100,H,H, P,9)	20.0	-104.7	1.4	1.3	0.7	0.9	126.5	27.9
(PLNS, 20,100,H,H,AV,3)	20.0	-130.4	1.4	-0.1	0.7	0.9	150.7	52.1
(PLNS, 20,100,H,H,AV,6)	20.0	-118.5	1.4	1.5	0.7	0.9	140.4	41.9
(PLNS, 20,100,H,H,AV,9)	20.0	-104.7	1.4	1.3	0.7	0.9	126.5	27.9
(PLNS, 20,100,H,H,AH,3)	20.0	-130.4	1.4	-0.1	0.7	0.9	150.7	52.1
(PLNS, 20,100,H,H,AH,6)	20.0	-118.5	1.4	1.5	0.7	0.9	140.4	41.9
(PLNS, 20,100,H,H,AH,9)	20.0	-104.7	1.4	1.3	0.7	0.9	126.5	27.9
(KLIR, 34,100,H,H, P,3)	42.2	-105.5		-1.5		0.9	145.9	42.9
(KLIR, 34,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 34,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 34,100,H,H,AV,3)	42.2	-105.5		-1.5		0.9	145.9	42.9
(KLIR, 34,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 34,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 34,100,H,H,AH,3)	42.2	-105.5		-1.5		0.9	145.9	42.9
(KLIR, 34,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 34,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 13

DATE 05-18-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-100.1	-2.3	-3.0	0.1	-0.0	118.7	34.2
(PLNS, 20, 20,V,V,AV,3)	24.0	-100.1	-2.3	-3.0	0.1	-0.0	118.7	34.2
(PLNS, 20, 20,V,V,AH,3)	24.0	-100.1	-2.3	-3.0	0.1	-0.0	118.7	34.2
(PLNS, 20, 50,V,V, P,1)	17.0	-120.0	-2.2	-6.0	1.2	0.2	127.4	34.9
(PLNS, 20, 50,V,V, P,3)	17.0	-121.2	-2.2	-3.6	1.2	0.2	130.9	38.5
(PLNS, 20, 50,V,V,AV,1)	17.0	-120.0	-2.2	-6.0	1.2	0.2	127.4	34.9
(PLNS, 20, 50,V,V,AV,3)	17.0	-121.2	-2.2	-3.6	1.2	0.2	130.9	38.5
(PLNS, 20, 50,V,V,AH,1)	17.0	-120.0	-2.2	-6.0	1.2	0.2	127.4	34.9
(PLNS, 20, 50,V,V,AH,3)	17.0	-121.2	-2.2	-3.6	1.2	0.2	130.9	38.5



COLORADO PLAINS R= 20KM SITF 13

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
07-15-63	24.50	STRATO-CUMULUS	45%	60.8	84.8

OPEN WHEATLAND.

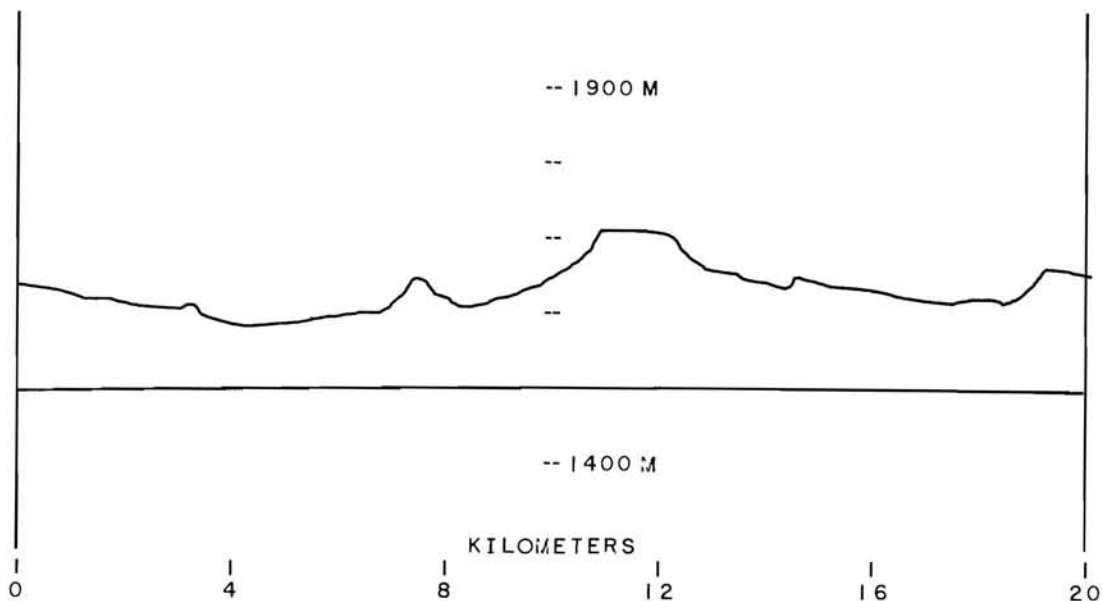
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-107.0	-0.6	1.4	2.2	0.9	125.3	26.8
(PLNS, 20,100,V,V, P,6)	20.0	-101.9	-0.6	-1.0	2.2	0.9	117.8	19.2
(PLNS, 20,100,V,V, P,9)	20.0	-101.9	-0.6	-1.3	2.2	0.9	117.5	18.9
(PLNS, 20,100,V,V,AV,3)	20.0	-107.0	-0.6	1.4	2.2	0.9	125.3	26.8
(PLNS, 20,100,V,V,AV,6)	20.0	-101.9	-0.6	-1.0	2.2	0.9	117.8	19.2
(PLNS, 20,100,V,V,AV,9)	20.0	-101.9	-0.6	-1.3	2.2	0.9	117.5	18.9
(PLNS, 20,100,V,V,AH,3)	20.0	-107.0	-0.6	1.4	2.2	0.9	125.3	26.8
(PLNS, 20,100,V,V,AH,6)	20.0	-101.9	-0.6	-1.0	2.2	0.9	117.8	19.2
(PLNS, 20,100,V,V,AH,9)	20.0	-101.9	-0.6	-1.3	2.2	0.9	117.5	18.9
(PLNS, 20,100,H,V, P,3)	20.0	-106.3	1.2	-14.9	0.7	0.9	111.7	13.1
(PLNS, 20,100,H,V, P,6)	20.0	-111.9	1.2	-12.8	0.7	0.9	119.4	20.8
(PLNS, 20,100,H,V, P,9)	20.0	-106.3	1.2	-15.0	0.7	0.9	111.6	13.0
(PLNS, 20,100,H,V,AV,3)	20.0	-106.3	1.2	-14.9	0.7	0.9	111.7	13.1
(PLNS, 20,100,H,V,AV,6)	20.0	-111.9	1.2	-12.8	0.7	0.9	119.4	20.8
(PLNS, 20,100,H,V,AV,9)	20.0	-106.3	1.2	-15.0	0.7	0.9	111.6	13.0
(PLNS, 20,100,H,V,AH,3)	20.0	-106.3	1.2	-14.9	0.7	0.9	111.7	13.1
(PLNS, 20,100,H,V,AH,6)	20.0	-111.9	1.2	-12.8	0.7	0.9	119.4	20.8
(PLNS, 20,100,H,V,AH,9)	20.0	-106.3	1.2	-15.0	0.7	0.9	111.6	13.0
(PLNS, 20,100,V,H, P,3)	20.0	-118.1	-0.6	-19.5	2.2	0.9	115.5	16.9
(PLNS, 20,100,V,H, P,6)	20.0	-119.0	-0.6	-20.0	2.2	0.9	116.0	17.4
(PLNS, 20,100,V,H, P,9)	20.0	-115.3	-0.6	-17.5	2.2	0.9	114.7	16.1
(PLNS, 20,100,V,H,AV,3)	20.0	-118.1	-0.6	-19.5	2.2	0.9	115.5	16.9
(PLNS, 20,100,V,H,AV,6)	20.0	-119.0	-0.6	-20.0	2.2	0.9	116.0	17.4
(PLNS, 20,100,V,H,AV,9)	20.0	-115.3	-0.6	-17.5	2.2	0.9	114.7	16.1
(PLNS, 20,100,V,H,AH,3)	20.0	-118.1	-0.6	-19.5	2.2	0.9	115.5	16.9
(PLNS, 20,100,V,H,AH,6)	20.0	-119.0	-0.6	-20.0	2.2	0.9	116.0	17.4
(PLNS, 20,100,V,H,AH,9)	20.0	-115.3	-0.6	-17.5	2.2	0.9	114.7	16.1
(PLNS, 20,100,H,H, P,3)	20.0	-104.2	1.2	-2.0	0.7	0.9	122.4	23.8
(PLNS, 20,100,H,H, P,6)	20.0	-98.9	1.2	1.6	0.7	0.9	120.7	22.2
(PLNS, 20,100,H,H, P,9)	20.0	-99.6	1.2	1.1	0.7	0.9	120.9	22.3
(PLNS, 20,100,H,H,AV,3)	20.0	-104.2	1.2	-2.0	0.7	0.9	122.4	23.8
(PLNS, 20,100,H,H,AV,6)	20.0	-98.9	1.2	1.6	0.7	0.9	120.7	22.2
(PLNS, 20,100,H,H,AV,9)	20.0	-99.6	1.2	1.1	0.7	0.9	120.9	22.3
(PLNS, 20,100,H,H,AH,3)	20.0	-104.2	1.2	-2.0	0.7	0.9	122.4	23.8
(PLNS, 20,100,H,H,AH,6)	20.0	-98.9	1.2	1.6	0.7	0.9	120.7	22.2
(PLNS, 20,100,H,H,AH,9)	20.0	-99.6	1.2	1.1	0.7	0.9	120.9	22.3
(KLIR, 30,100,H,H, P,3)	42.2	-93.0		1.1		0.9	136.0	34.0
(KLIR, 30,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 30,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 30,100,H,H,AV,3)	42.2	-93.0		1.1		0.9	136.0	34.0
(KLIR, 30,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 30,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 30,100,H,H,AH,3)	42.2	-93.0		1.1		0.9	136.0	34.0
(KLIR, 30,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 30,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 14

DATE 05-18-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-108.4	-2.7	-0.5	0.1	-0.0	129.1	44.6
(PLNS, 20, 20,V,V,AV,3)	24.0	-108.4	-2.7	-0.5	0.1	-0.0	129.1	44.6
(PLNS, 20, 20,V,V,AH,3)	24.0	-108.4	-2.7	-0.5	0.1	-0.0	129.1	44.6
(PLNS, 20, 50,V,V, P,1)	17.0	-135.4	-2.2	1.8	1.2	0.2	150.6	58.1
(PLNS, 20, 50,V,V, P,3)	17.0	-131.4	-2.2	6.0	1.2	0.2	150.8	58.3
(PLNS, 20, 50,V,V,AV,1)	17.0	-135.4	-2.2	1.8	1.2	0.2	150.6	58.1
(PLNS, 20, 50,V,V,AV,3)	17.0	-131.4	-2.2	6.0	1.2	0.2	150.8	58.3
(PLNS, 20, 50,V,V,AH,1)	17.0	-135.4	-2.2	1.8	1.2	0.2	150.6	58.1
(PLNS, 20, 50,V,V,AH,3)	17.0	-131.4	-2.2	6.0	1.2	0.2	150.8	58.3



COLORADO PLAINS B= 20KM SITF 14

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

BAROMETRIC CLOUD COVER ASSMAN
 DATE PRESSURE TYPE PERCENT WET DRY
 07-16-63 24.73 CUMULUS 65% 62.5 88.0

60FT TREES 125FT TO WEST, ALSO 40 PHONE LINFS. HIGH VOLTAGE LINE 30FT FROM TRUCK, 30FT HIGH.

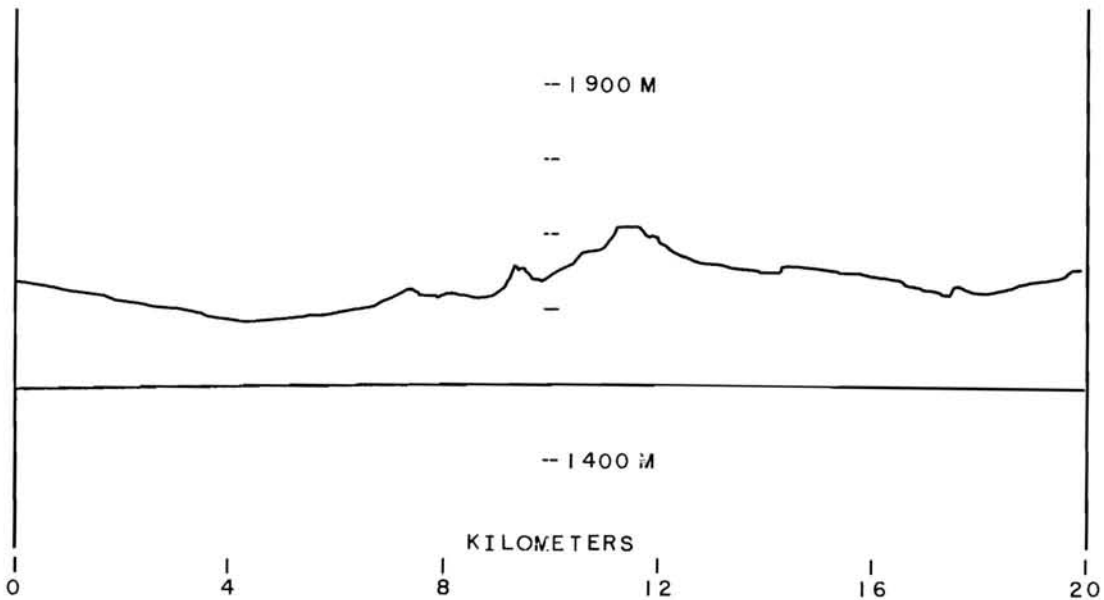
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-132.5	-0.3	0.4	2.2	0.9	150.1	51.5
(PLNS, 20,100,V,V, P,6)	20.0	-126.1	-0.3	-1.2	2.2	0.9	142.1	43.6
(PLNS, 20,100,V,V, P,9)	20.0	-130.6	-0.3	-1.6	2.2	0.9	146.2	47.6
(PLNS, 20,100,V,V,AV,3)	20.0	-132.5	-0.3	0.4	2.2	0.9	150.1	51.5
(PLNS, 20,100,V,V,AV,6)	20.0	-126.1	-0.3	-1.2	2.2	0.9	142.1	43.6
(PLNS, 20,100,V,V,AV,9)	20.0	-130.6	-0.3	-1.6	2.2	0.9	146.2	47.6
(PLNS, 20,100,V,V,AH,3)	20.0	-132.5	-0.3	0.4	2.2	0.9	150.1	51.5
(PLNS, 20,100,V,V,AH,6)	20.0	-126.1	-0.3	-1.2	2.2	0.9	142.1	43.6
(PLNS, 20,100,V,V,AH,9)	20.0	-130.6	-0.3	-1.6	2.2	0.9	146.2	47.6
(PLNS, 20,100,H,V, P,3)	20.0	-132.1	1.2	-23.8	0.7	0.9	128.5	30.0
(PLNS, 20,100,H,V, P,6)	20.0	-129.0	1.2	-17.9	0.7	0.9	131.3	32.7
(PLNS, 20,100,H,V, P,9)	20.0	-131.0	1.2	-21.0	0.7	0.9	130.2	31.6
(PLNS, 20,100,H,V,AV,3)	20.0	-132.1	1.2	-23.8	0.7	0.9	128.5	30.0
(PLNS, 20,100,H,V,AV,6)	20.0	-129.0	1.2	-17.9	0.7	0.9	131.3	32.7
(PLNS, 20,100,H,V,AV,9)	20.0	-131.0	1.2	-21.0	0.7	0.9	130.2	31.6
(PLNS, 20,100,H,V,AH,3)	20.0	-132.1	1.2	-23.8	0.7	0.9	128.5	30.0
(PLNS, 20,100,H,V,AH,6)	20.0	-129.0	1.2	-17.9	0.7	0.9	131.3	32.7
(PLNS, 20,100,H,V,AH,9)	20.0	-131.0	1.2	-21.0	0.7	0.9	130.2	31.6
(PLNS, 20,100,V,H, P,3)	20.0	-131.9	-0.3	-18.0	2.2	0.9	131.1	32.5
(PLNS, 20,100,V,H, P,6)	20.0	-131.9	-0.3	-15.6	2.2	0.9	133.5	34.9
(PLNS, 20,100,V,H, P,9)	20.0	-131.9	-0.3	-15.9	2.2	0.9	133.2	34.6
(PLNS, 20,100,V,H,AV,3)	20.0	-131.9	-0.3	-18.0	2.2	0.9	131.1	32.5
(PLNS, 20,100,V,H,AV,6)	20.0	-131.9	-0.3	-15.6	2.2	0.9	133.5	34.9
(PLNS, 20,100,V,H,AV,9)	20.0	-131.9	-0.3	-15.9	2.2	0.9	133.2	34.6
(PLNS, 20,100,V,H,AH,3)	20.0	-131.9	-0.3	-18.0	2.2	0.9	131.1	32.5
(PLNS, 20,100,V,H,AH,6)	20.0	-131.9	-0.3	-15.6	2.2	0.9	133.5	34.9
(PLNS, 20,100,V,H,AH,9)	20.0	-131.9	-0.3	-15.9	2.2	0.9	133.2	34.6
(PLNS, 20,100,H,H, P,3)	20.0	-126.0	1.2	1.5	0.7	0.9	147.7	49.1
(PLNS, 20,100,H,H, P,6)	20.0	-126.0	1.2	1.5	0.7	0.9	147.7	49.1
(PLNS, 20,100,H,H, P,9)	20.0	-128.5	1.2	1.2	0.7	0.9	149.9	51.4
(PLNS, 20,100,H,H,AV,3)	20.0	-126.0	1.2	1.5	0.7	0.9	147.7	49.1
(PLNS, 20,100,H,H,AV,6)	20.0	-126.0	1.2	1.5	0.7	0.9	147.7	49.1
(PLNS, 20,100,H,H,AV,9)	20.0	-128.5	1.2	1.2	0.7	0.9	149.9	51.4
(PLNS, 20,100,H,H,AH,3)	20.0	-126.0	1.2	1.5	0.7	0.9	147.7	49.1
(PLNS, 20,100,H,H,AH,6)	20.0	-126.0	1.2	1.5	0.7	0.9	147.7	49.1
(PLNS, 20,100,H,H,AH,9)	20.0	-128.5	1.2	1.2	0.7	0.9	149.9	51.4
(KLIR, 27,100,H,H, P,3)	42.2	-91.9		-0.7		0.9	133.1	32.0
(KLIR, 27,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 27,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 27,100,H,H,AV,3)	42.2	-91.9		-0.7		0.9	133.1	32.0
(KLIR, 27,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 27,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 27,100,H,H,AH,3)	42.2	-91.9		-0.7		0.9	133.1	32.0
(KLIR, 27,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 27,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS H= 20KM SITE 15

DATE 11-12-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-112.0	-3.5	-2.3	0.1	-0.0	130.1	45.6
(PLNS, 20, 20,V,V,AV,3)	24.0	-112.2	-3.5	-2.3	0.1	-0.0	130.3	45.8
(PLNS, 20, 20,V,V,AH,3)	24.0	-110.5	-3.5	-2.3	0.1	-0.0	128.6	44.1
(PLNS, 20, 50,V,V, P,1)	24.0	-113.0	-2.2	1.5	1.2	0.2	134.9	42.4
(PLNS, 20, 50,V,V, P,3)	24.0	-118.5	-2.2	-3.5	1.2	0.2	135.4	42.9
(PLNS, 20, 50,V,V,AV,1)	24.0	-111.0	-2.2	1.5	1.2	0.2	132.9	40.4
(PLNS, 20, 50,V,V,AV,3)	24.0	-114.3	-2.2	-3.5	1.2	0.2	131.2	38.7
(PLNS, 20, 50,V,V,AH,1)	24.0	-112.0	-2.2	1.5	1.2	0.2	133.9	41.4
(PLNS, 20, 50,V,V,AH,3)	24.0	-113.5	-2.2	-3.5	1.2	0.2	130.4	37.9



COLORADO PLAINS B= 20KM SITE 15

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE 07-16-63 BAROMETRIC PRESSURE 24.73 CLOUD TYPE STRATO-CUMULUS COVER PERCENT 50% ASSMAN WET 61.8 DRY 80.2

SITE DIRECTLY OPPOSITE 10MI MARKER. ROW OF TREES 30 TO 50FT HIGH, 500 FT FROM TRANSMITTER.

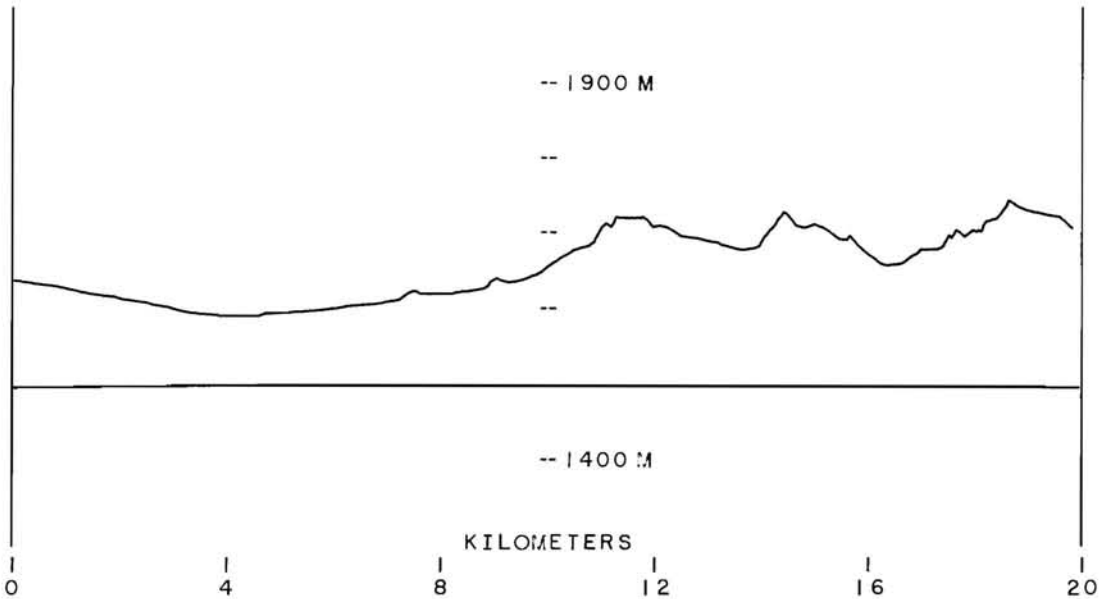
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-111.7	-0.5	0.0	2.2	0.9	128.7	30.1
(PLNS, 20,100,V,V, P,6)	20.0	-107.2	-0.5	-1.2	2.2	0.9	123.0	24.5
(PLNS, 20,100,V,V, P,9)	20.0	-106.1	-0.5	-1.8	2.2	0.9	121.3	22.7
(PLNS, 20,100,V,V,AV,3)	20.0	-112.2	-0.5	0.0	2.2	0.9	129.2	30.6
(PLNS, 20,100,V,V,AV,6)	20.0	-107.2	-0.5	-1.2	2.2	0.9	123.0	24.4
(PLNS, 20,100,V,V,AV,9)	20.0	-106.3	-0.5	-1.8	2.2	0.9	121.5	23.0
(PLNS, 20,100,V,V,AH,3)	20.0	-118.6	-0.5	0.0	2.2	0.9	135.6	37.1
(PLNS, 20,100,V,V,AH,6)	20.0	-113.2	-0.5	-1.2	2.2	0.9	129.0	30.4
(PLNS, 20,100,V,V,AH,9)	20.0	-110.6	-0.5	-1.8	2.2	0.9	125.8	27.2
(PLNS, 20,100,H,V, P,3)	20.0	-120.2	1.0	-14.9	0.7	0.9	125.3	26.8
(PLNS, 20,100,H,V, P,6)	20.0	-121.7	1.0	-12.5	0.7	0.9	129.2	30.7
(PLNS, 20,100,H,V, P,9)	20.0	-123.9	1.0	-14.9	0.7	0.9	129.0	30.5
(PLNS, 20,100,H,V,AV,3)	20.0	-126.1	1.0	-14.9	0.7	0.9	131.2	32.7
(PLNS, 20,100,H,V,AV,6)	20.0	-126.1	1.0	-12.5	0.7	0.9	133.6	35.1
(PLNS, 20,100,H,V,AV,9)	20.0	-123.6	1.0	-14.9	0.7	0.9	128.7	30.1
(PLNS, 20,100,H,V,AH,3)	20.0	-124.1	1.0	-14.9	0.7	0.9	129.2	30.7
(PLNS, 20,100,H,V,AH,6)	20.0	-124.1	1.0	-12.5	0.7	0.9	131.6	33.1
(PLNS, 20,100,H,V,AH,9)	20.0	-123.2	1.0	-14.9	0.7	0.9	128.3	29.7
(PLNS, 20,100,V,H, P,3)	20.0	-125.2	-0.5	-21.3	2.2	0.9	120.9	22.3
(PLNS, 20,100,V,H, P,6)	20.0	-119.9	-0.5	-19.6	2.2	0.9	117.3	18.7
(PLNS, 20,100,V,H, P,9)	20.0	-117.7	-0.5	-16.5	2.2	0.9	118.2	19.7
(PLNS, 20,100,V,H,AV,3)	20.0	-123.7	-0.5	-21.3	2.2	0.9	119.5	20.9
(PLNS, 20,100,V,H,AV,6)	20.0	-122.8	-0.5	-19.6	2.2	0.9	120.3	21.7
(PLNS, 20,100,V,H,AV,9)	20.0	-121.9	-0.5	-16.5	2.2	0.9	122.4	23.8
(PLNS, 20,100,V,H,AH,3)	20.0	-125.9	-0.5	-21.3	2.2	0.9	121.6	23.0
(PLNS, 20,100,V,H,AH,6)	20.0	-122.7	-0.5	-19.6	2.2	0.9	120.1	21.5
(PLNS, 20,100,V,H,AH,9)	20.0	-123.6	-0.5	-16.5	2.2	0.9	124.1	25.5
(PLNS, 20,100,H,H, P,3)	20.0	-115.5	1.0	-1.8	0.7	0.9	133.7	35.1
(PLNS, 20,100,H,H, P,6)	20.0	-105.5	1.0	1.6	0.7	0.9	127.1	28.6
(PLNS, 20,100,H,H, P,9)	20.0	-101.8	1.0	1.1	0.7	0.9	122.9	24.4
(PLNS, 20,100,H,H,AV,3)	20.0	-110.8	1.0	-1.8	0.7	0.9	129.0	30.4
(PLNS, 20,100,H,H,AV,6)	20.0	-105.3	1.0	1.6	0.7	0.9	126.9	28.3
(PLNS, 20,100,H,H,AV,9)	20.0	-102.4	1.0	1.1	0.7	0.9	123.5	24.9
(PLNS, 20,100,H,H,AH,3)	20.0	-107.5	1.0	-1.8	0.7	0.9	125.8	27.2
(PLNS, 20,100,H,H,AH,6)	20.0	-102.1	1.0	1.6	0.7	0.9	123.7	25.2
(PLNS, 20,100,H,H,AH,9)	20.0	-99.5	1.0	1.1	0.7	0.9	120.6	22.0
(KLIR, 26,100,H,H, P,3)	42.2	-103.0		1.5		0.9	146.4	45.6
(KLIR, 26,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 26,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 26,100,H,H,AV,3)	42.2	-106.1		1.5		0.9	149.5	48.6
(KLIR, 26,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 26,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 26,100,H,H,AH,3)	42.2	-105.4		1.5		0.9	148.8	47.9
(KLIR, 26,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 26,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 16

DATE 05-18-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-111.4	-3.9	-2.3	0.1	-0.0	129.1	44.6
(PLNS, 20, 20,V,V,AV,3)	24.0	-109.8	-3.9	-2.3	0.1	-0.0	127.4	43.0
(PLNS, 20, 20,V,V,AH,3)	24.0	-111.0	-3.9	-2.3	0.1	-0.0	128.7	44.2
(PLNS, 20, 50,V,V, P,1)	17.0	-131.9	-2.2	5.3	1.2	0.2	150.6	58.1
(PLNS, 20, 50,V,V, P,3)	17.0	-132.9	-2.2	-0.2	1.2	0.2	146.1	53.6
(PLNS, 20, 50,V,V,AV,1)	17.0	-130.2	-2.2	5.3	1.2	0.2	148.8	56.4
(PLNS, 20, 50,V,V,AV,3)	17.0	-140.1	-2.2	-0.2	1.2	0.2	153.3	61.8
(PLNS, 20, 50,V,V,AH,1)	17.0	-135.4	-2.2	5.3	1.2	0.2	154.1	61.6
(PLNS, 20, 50,V,V,AH,3)	17.0	-137.0	-2.2	-0.2	1.2	0.2	150.2	57.7



COLORADO PLAINS R= 20KM SITE 16

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN
DATE	PRESSURE	TYPE	PERCENT	WET DRY
08-29-63	24.64	STRATO-CUMULUS	95%	60.9 72.8

ROLLING WHEAT AND GRASSLAND, 3-WIRE POWER LINE 70FT WEST AND PARALLEL TO ROAD. SITE IS SEVERAL 100FT OVER HILL FROM TRANSMITTER DIRECTION.

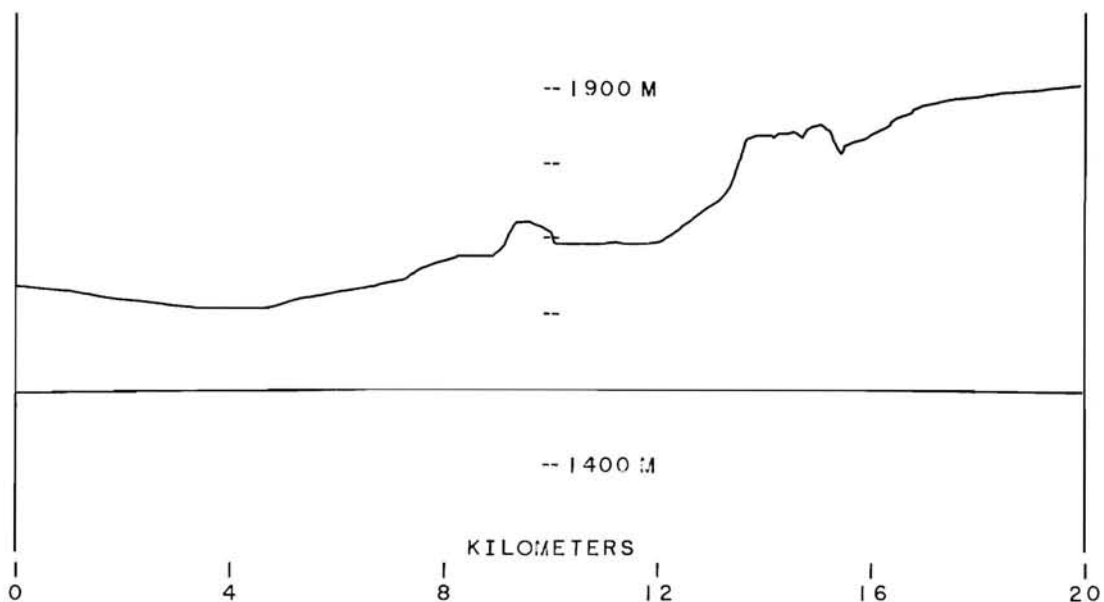
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-117.8	-0.4	-4.0	2.2	0.9	130.9	32.4
(PLNS, 20,100,V,V, P,6)	20.0	-114.4	-0.4	-2.4	2.2	0.9	129.1	30.5
(PLNS, 20,100,V,V, P,9)	20.0	-114.4	-0.4	-2.2	2.2	0.9	129.3	30.7
(PLNS, 20,100,V,V,AV,3)	20.0	-114.7	-0.4	-4.0	2.2	0.9	127.8	29.3
(PLNS, 20,100,V,V,AV,6)	20.0	-109.8	-0.4	-2.4	2.2	0.9	124.5	25.9
(PLNS, 20,100,V,V,AV,9)	20.0	-109.8	-0.4	-2.2	2.2	0.9	124.7	26.1
(PLNS, 20,100,V,V,AH,3)	20.0	-123.7	-0.4	-4.0	2.2	0.9	136.9	38.3
(PLNS, 20,100,V,V,AH,6)	20.0	-120.3	-0.4	-2.4	2.2	0.9	135.1	36.5
(PLNS, 20,100,V,V,AH,9)	20.0	-120.3	-0.4	-2.2	2.2	0.9	135.3	36.7
(PLNS, 20,100,H,V, P,3)	20.0	-126.4	1.0	-24.0	0.7	0.9	122.4	23.8
(PLNS, 20,100,H,V, P,6)	20.0	-126.4	1.0	-25.0	0.7	0.9	121.4	22.8
(PLNS, 20,100,H,V, P,9)	20.0	-123.9	1.0	-21.5	0.7	0.9	122.4	23.9
(PLNS, 20,100,H,V,AV,3)	20.0	-124.5	1.0	-24.0	0.7	0.9	120.5	22.0
(PLNS, 20,100,H,V,AV,6)	20.0	-121.6	1.0	-25.0	0.7	0.9	116.6	18.0
(PLNS, 20,100,H,V,AV,9)	20.0	-118.9	1.0	-21.5	0.7	0.9	117.4	18.9
(PLNS, 20,100,H,V,AH,3)	20.0	-130.2	1.0	-24.0	0.7	0.9	126.2	27.6
(PLNS, 20,100,H,V,AH,6)	20.0	-126.6	1.0	-25.0	0.7	0.9	121.6	23.1
(PLNS, 20,100,H,V,AH,9)	20.0	-126.6	1.0	-21.5	0.7	0.9	125.1	26.6
(PLNS, 20,100,V,H, P,3)	20.0	-129.0	-0.4	-18.1	2.2	0.9	128.1	29.5
(PLNS, 20,100,V,H, P,6)	20.0	-129.0	-0.4	-16.5	2.2	0.9	129.7	31.1
(PLNS, 20,100,V,H, P,9)	20.0	-123.7	-0.4	-16.1	2.2	0.9	124.8	26.2
(PLNS, 20,100,V,H,AV,3)	20.0	-125.9	-0.4	-18.1	2.2	0.9	124.9	26.3
(PLNS, 20,100,V,H,AV,6)	20.0	-122.7	-0.4	-16.5	2.2	0.9	123.3	24.7
(PLNS, 20,100,V,H,AV,9)	20.0	-122.7	-0.4	-16.1	2.2	0.9	123.7	25.1
(PLNS, 20,100,V,H,AH,3)	20.0	-129.4	-0.4	-18.1	2.2	0.9	128.4	29.8
(PLNS, 20,100,V,H,AH,6)	20.0	-129.4	-0.4	-16.5	2.2	0.9	130.0	31.4
(PLNS, 20,100,V,H,AH,9)	20.0	-126.9	-0.4	-16.1	2.2	0.9	127.9	29.3
(PLNS, 20,100,H,H, P,3)	20.0	-123.0	1.0	-0.2	0.7	0.9	142.8	44.3
(PLNS, 20,100,H,H, P,6)	20.0	-120.7	1.0	-1.1	0.7	0.9	139.7	41.1
(PLNS, 20,100,H,H, P,9)	20.0	-118.9	1.0	-0.6	0.7	0.9	138.3	39.8
(PLNS, 20,100,H,H,AV,3)	20.0	-133.5	1.0	-0.2	0.7	0.9	153.3	54.7
(PLNS, 20,100,H,H,AV,6)	20.0	-121.6	1.0	-1.1	0.7	0.9	140.5	41.9
(PLNS, 20,100,H,H,AV,9)	20.0	-116.2	1.0	-0.6	0.7	0.9	135.6	37.0
(PLNS, 20,100,H,H,AH,3)	20.0	-123.6	1.0	-0.2	0.7	0.9	143.4	44.8
(PLNS, 20,100,H,H,AH,6)	20.0	-120.1	1.0	-1.1	0.7	0.9	139.0	40.4
(PLNS, 20,100,H,H,AH,9)	20.0	-119.0	1.0	-0.6	0.7	0.9	138.5	39.9
(KLIR, 25,100,H,H, P,3)	42.2	-68.1		-0.5		0.9	109.5	9.0
(KLIR, 25,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 25,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 25,100,H,H,AV,3)	42.2	-62.8		-0.5		0.9	104.3	3.8
(KLIR, 25,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 25,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 25,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 25,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 25,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 18

DATE 05-18-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-106.1	-4.2	-1.9	0.1	-0.0	123.9	39.4
(PLNS, 20, 20,V,V,AV,3)	24.0	-105.2	-4.2	-1.9	0.1	-0.0	123.0	38.5
(PLNS, 20, 20,V,V,AH,3)	24.0	-105.0	-4.2	-1.9	0.1	-0.0	122.7	38.3
(PLNS, 20, 50,V,V, P,1)	17.0	-125.2	-2.2	5.4	1.2	0.2	144.0	51.5
(PLNS, 20, 50,V,V, P,3)	17.0	-127.8	-2.2	-1.3	1.2	0.2	139.8	47.4
(PLNS, 20, 50,V,V,AV,1)	17.0	-121.4	-2.2	5.4	1.2	0.2	140.2	47.8
(PLNS, 20, 50,V,V,AV,3)	17.0	-129.8	-2.2	-1.3	1.2	0.2	141.9	49.4
(PLNS, 20, 50,V,V,AH,1)	17.0	-121.4	-2.2	5.4	1.2	0.2	140.2	47.8
(PLNS, 20, 50,V,V,AH,3)	17.0	-132.9	-2.2	-1.3	1.2	0.2	145.0	52.5



COLORADO PLAINS R= 20KM SITE 18

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN	
DATE	PRESSURE	TYPE	PERCENT	WET	DRY
09-26-63	24.19	CLEAR	0%	53.2	76.0

UNOBSTRUCTED VIEW TO IMMEDIATE RADIO HORIZON. 4-WIRE POWER LINE ON EAST SIDE OF ROAD.

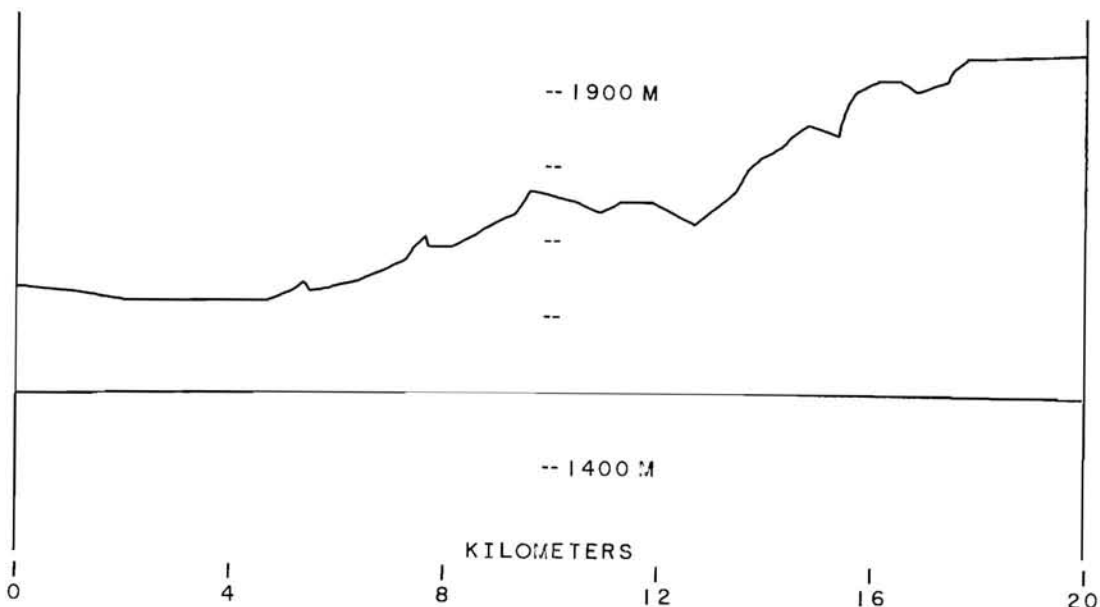
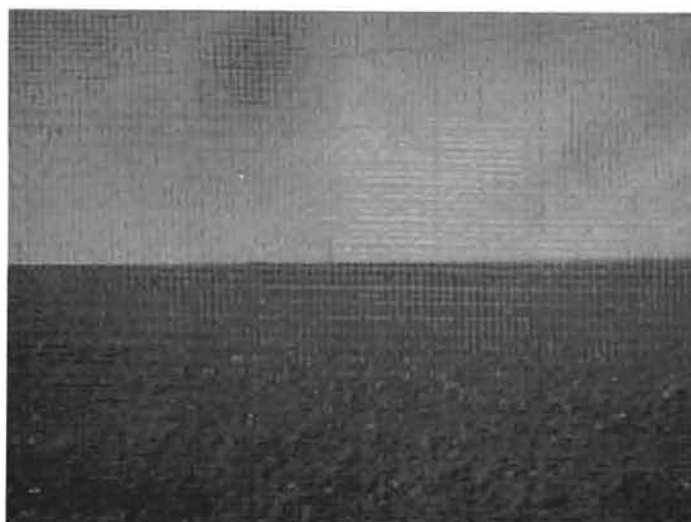
(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-115.4	-0.5	-2.4	2.2	0.9	135.5	36.9
(PLNS, 20,100,V,V, P,6)	20.0	-109.4	-0.5	-1.9	2.2	0.9	130.0	31.4
(PLNS, 20,100,V,V, P,9)	20.0	-108.1	-0.5	-2.2	2.2	0.9	128.4	29.8
(PLNS, 20,100,V,V,AV,3)	20.0	-106.1	-0.5	-2.4	2.2	0.9	126.2	27.6
(PLNS, 20,100,V,V,AV,6)	20.0	-103.0	-0.5	-1.9	2.2	0.9	123.6	25.0
(PLNS, 20,100,V,V,AV,9)	20.0	-104.5	-0.5	-2.2	2.2	0.9	124.8	26.3
(PLNS, 20,100,V,V,AH,3)	20.0	-110.8	-0.5	-2.4	2.2	0.9	130.9	32.3
(PLNS, 20,100,V,V,AH,6)	20.0	-106.0	-0.5	-1.9	2.2	0.9	126.6	28.0
(PLNS, 20,100,V,V,AH,9)	20.0	-105.0	-0.5	-2.2	2.2	0.9	125.3	26.7
(PLNS, 20,100,H,V, P,3)	20.0	-123.9	0.8	-17.1	0.7	0.9	132.1	33.6
(PLNS, 20,100,H,V, P,6)	20.0	-118.9	0.8	-16.2	0.7	0.9	128.0	29.5
(PLNS, 20,100,H,V, P,9)	20.0	-120.1	0.8	-16.8	0.7	0.9	128.6	30.0
(PLNS, 20,100,H,V,AV,3)	20.0	-129.6	0.8	-17.1	0.7	0.9	137.8	39.2
(PLNS, 20,100,H,V,AV,6)	20.0	-124.5	0.8	-16.2	0.7	0.9	133.6	35.1
(PLNS, 20,100,H,V,AV,9)	20.0	-127.5	0.8	-16.8	0.7	0.9	136.0	37.4
(PLNS, 20,100,H,V,AH,3)	20.0	-121.2	0.8	-17.1	0.7	0.9	129.4	30.8
(PLNS, 20,100,H,V,AH,6)	20.0	-119.5	0.8	-16.2	0.7	0.9	128.6	30.0
(PLNS, 20,100,H,V,AH,9)	20.0	-121.2	0.8	-16.8	0.7	0.9	129.7	31.1
(PLNS, 20,100,V,H, P,3)	20.0	-118.9	-0.5	-20.5	2.2	0.9	120.9	22.4
(PLNS, 20,100,V,H, P,6)	20.0	-116.6	-0.5	-16.0	2.2	0.9	123.1	24.5
(PLNS, 20,100,V,H, P,9)	20.0	-120.1	-0.5	-15.6	2.2	0.9	127.0	28.4
(PLNS, 20,100,V,H,AV,3)	20.0	-114.2	-0.5	-20.5	2.2	0.9	116.2	17.6
(PLNS, 20,100,V,H,AV,6)	20.0	-112.9	-0.5	-16.0	2.2	0.9	119.4	20.8
(PLNS, 20,100,V,H,AV,9)	20.0	-118.7	-0.5	-15.6	2.2	0.9	125.6	27.1
(PLNS, 20,100,V,H,AH,3)	20.0	-119.2	-0.5	-20.5	2.2	0.9	121.2	22.6
(PLNS, 20,100,V,H,AH,6)	20.0	-118.3	-0.5	-16.0	2.2	0.9	124.8	26.2
(PLNS, 20,100,V,H,AH,9)	20.0	-120.3	-0.5	-15.6	2.2	0.9	127.2	28.7
(PLNS, 20,100,H,H, P,3)	20.0	-113.6	0.8	-0.6	0.7	0.9	138.3	39.7
(PLNS, 20,100,H,H, P,6)	20.0	-109.0	0.8	1.1	0.7	0.9	135.4	36.9
(PLNS, 20,100,H,H, P,9)	20.0	-107.1	0.8	1.6	0.7	0.9	134.0	35.4
(PLNS, 20,100,H,H,AV,3)	20.0	-120.5	0.8	-0.6	0.7	0.9	145.2	46.6
(PLNS, 20,100,H,H,AV,6)	20.0	-114.0	0.8	1.1	0.7	0.9	140.4	41.8
(PLNS, 20,100,H,H,AV,9)	20.0	-110.2	0.8	1.6	0.7	0.9	137.1	38.5
(PLNS, 20,100,H,H,AH,3)	20.0	-112.9	0.8	-0.6	0.7	0.9	137.6	39.0
(PLNS, 20,100,H,H,AH,6)	20.0	-110.4	0.8	1.1	0.7	0.9	136.8	38.2
(PLNS, 20,100,H,H,AH,9)	20.0	-110.4	0.8	1.6	0.7	0.9	137.3	38.7
(KLIR, 25,100,H,H, P,3)	42.2	-80.1		-0.1		0.9	127.4	26.8
(KLIR, 25,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 25,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 25,100,H,H,AV,3)	42.2	-81.7		-0.1		0.9	129.0	28.5
(KLIR, 25,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 25,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 25,100,H,H,AH,3)	42.2	-80.2		-0.1		0.9	127.5	27.0
(KLIR, 25,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 25,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 20KM SITE 19

DATE 05-18-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20, 20,V,V, P,3)	24.0	-112.7	-4.2	-1.7	0.1	-0.0	130.6	46.2
(PLNS, 20, 20,V,V,AV,3)	24.0	-113.2	-4.2	-1.7	0.1	-0.0	131.2	46.7
(PLNS, 20, 20,V,V,AH,3)	24.0	-112.7	-4.2	-1.7	0.1	-0.0	130.6	46.2
(PLNS, 20, 50,V,V, P,1)	17.0	-134.1	-2.2	2.2	1.2	0.2	149.7	57.2
(PLNS, 20, 50,V,V, P,3)	17.0	-129.0	-2.2	4.6	1.2	0.2	147.0	54.6
(PLNS, 20, 50,V,V,AV,1)	17.0	-123.2	-2.2	2.2	1.2	0.2	138.8	46.3
(PLNS, 20, 50,V,V,AV,3)	17.0	-120.1	-2.2	4.6	1.2	0.2	138.1	45.6
(PLNS, 20, 50,V,V,AH,1)	17.0	-134.1	-2.2	2.2	1.2	0.2	149.7	57.2
(PLNS, 20, 50,V,V,AH,3)	17.0	-129.0	-2.2	4.6	1.2	0.2	147.0	54.6



COLORADO PLAINS B= 20KM SITE 19

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-26-63	24.01	CLEAR	0%	54.2	75.8

4-WIRE POWER LINE ON NORTH SIDE OF ROAD 30FT HIGH. 30-WIRE POWER LINE
500FT NORTH OF ROAD, 40FT HIGH.

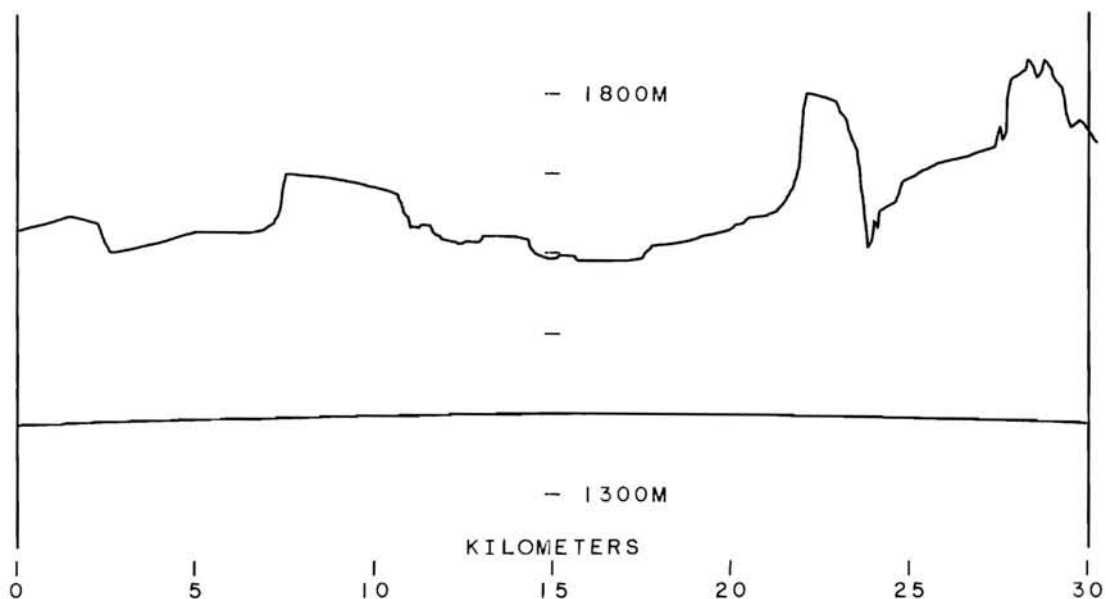
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 20,100,V,V, P,3)	20.0	-105.9	-0.5	-0.3	2.2	0.9	128.1	29.5
(PLNS, 20,100,V,V, P,6)	20.0	-112.3	-0.5	-1.2	2.2	0.9	133.6	35.0
(PLNS, 20,100,V,V, P,9)	20.0	-105.9	-0.5	-1.7	2.2	0.9	126.7	28.1
(PLNS, 20,100,V,V,AV,3)	20.0	-105.4	-0.5	-0.3	2.2	0.9	127.6	29.0
(PLNS, 20,100,V,V,AV,6)	20.0	-103.6	-0.5	-1.2	2.2	0.9	124.9	26.3
(PLNS, 20,100,V,V,AV,9)	20.0	-107.5	-0.5	-1.7	2.2	0.9	128.3	29.7
(PLNS, 20,100,V,V,AH,3)	20.0	-105.9	-0.5	-0.3	2.2	0.9	128.1	29.5
(PLNS, 20,100,V,V,AH,6)	20.0	-112.3	-0.5	-1.2	2.2	0.9	133.6	35.0
(PLNS, 20,100,V,V,AH,9)	20.0	-105.9	-0.5	-1.7	2.2	0.9	126.7	28.1
(PLNS, 20,100,H,V, P,3)	20.0	-125.4	0.9	-20.9	0.7	0.9	129.9	31.3
(PLNS, 20,100,H,V, P,6)	20.0	-131.4	0.9	-15.9	0.7	0.9	140.9	42.4
(PLNS, 20,100,H,V, P,9)	20.0	-128.9	0.9	-20.4	0.7	0.9	133.9	35.3
(PLNS, 20,100,H,V,AV,3)	20.0	-129.0	0.9	-20.9	0.7	0.9	133.5	35.0
(PLNS, 20,100,H,V,AV,6)	20.0	-129.4	0.9	-15.9	0.7	0.9	138.9	40.3
(PLNS, 20,100,H,V,AV,9)	20.0	-129.4	0.9	-20.4	0.7	0.9	134.4	35.8
(PLNS, 20,100,H,V,AH,3)	20.0	-125.4	0.9	-20.9	0.7	0.9	129.9	31.3
(PLNS, 20,100,H,V,AH,6)	20.0	-131.4	0.9	-15.9	0.7	0.9	140.9	42.4
(PLNS, 20,100,H,V,AH,9)	20.0	-128.9	0.9	-20.4	0.7	0.9	133.9	35.3
(PLNS, 20,100,V,H, P,3)	20.0	-120.5	-0.5	-15.5	2.2	0.9	127.5	28.9
(PLNS, 20,100,V,H, P,6)	20.0	-121.6	-0.5	-16.5	2.2	0.9	127.6	29.0
(PLNS, 20,100,V,H, P,9)	20.0	-123.9	-0.5	-16.3	2.2	0.9	130.1	31.6
(PLNS, 20,100,V,H,AV,3)	20.0	-125.9	-0.5	-15.5	2.2	0.9	132.9	34.3
(PLNS, 20,100,V,H,AV,6)	20.0	-127.5	-0.5	-16.5	2.2	0.9	133.5	34.9
(PLNS, 20,100,V,H,AV,9)	20.0	**	-0.5	-16.3	2.2	0.9	**	**
(PLNS, 20,100,V,H,AH,3)	20.0	-120.5	-0.5	-15.5	2.2	0.9	127.5	28.9
(PLNS, 20,100,V,H,AH,6)	20.0	-121.6	-0.5	-16.5	2.2	0.9	127.6	29.0
(PLNS, 20,100,V,H,AH,9)	20.0	-123.9	-0.5	-16.3	2.2	0.9	130.1	31.6
(PLNS, 20,100,H,H, P,3)	20.0	-117.0	0.9	1.4	0.7	0.9	143.8	45.2
(PLNS, 20,100,H,H, P,6)	20.0	-122.7	0.9	1.3	0.7	0.9	149.4	50.8
(PLNS, 20,100,H,H, P,9)	20.0	-120.7	0.9	1.1	0.7	0.9	147.2	48.7
(PLNS, 20,100,H,H,AV,3)	20.0	-118.8	0.9	1.4	0.7	0.9	145.6	47.1
(PLNS, 20,100,H,H,AV,6)	20.0	-118.8	0.9	1.3	0.7	0.9	145.5	47.0
(PLNS, 20,100,H,H,AV,9)	20.0	-122.8	0.9	1.1	0.7	0.9	149.3	50.8
(PLNS, 20,100,H,H,AH,3)	20.0	-117.0	0.9	1.4	0.7	0.9	143.8	45.2
(PLNS, 20,100,H,H,AH,6)	20.0	-122.7	0.9	1.3	0.7	0.9	149.4	50.8
(PLNS, 20,100,H,H,AH,9)	20.0	-120.7	0.9	1.1	0.7	0.9	147.2	48.7
(KLIR, 26,100,H,H, P,3)	42.2	-84.5		-1.5		0.9	130.4	29.5
(KLIR, 26,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 26,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 26,100,H,H,AV,3)	42.2	-81.3		-1.5		0.9	127.2	26.3
(KLIR, 26,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 26,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 26,100,H,H,AH,3)	42.2	-84.5		-1.5		0.9	130.4	29.5
(KLIR, 26,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 26,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED
** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 30KM SITE 1

DATE 10-11-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-130.0	-4.0	0.7	0.1	-0.0	150.6	62.6
(PLNS, 30, 20,V,V,AV,3)	24.0	-132.5	-4.0	0.7	0.1	-0.0	153.1	65.1
(PLNS, 30, 20,V,V,AH,3)	24.0	-132.0	-4.0	0.7	0.1	-0.0	152.6	64.6
(PLNS, 30, 50,V,V, P,1)	24.0	-146.2	-0.5	0.3	1.2	0.2	168.6	72.6
(PLNS, 30, 50,V,V, P,3)	24.0	-134.3	-0.5	6.8	1.2	0.2	163.2	67.2
(PLNS, 30, 50,V,V,AV,1)	24.0	-139.0	-0.5	0.3	1.2	0.2	161.4	65.4
(PLNS, 30, 50,V,V,AV,3)	24.0	-136.7	-0.5	6.8	1.2	0.2	165.6	69.6
(PLNS, 30, 50,V,V,AH,1)	24.0	-149.7	-0.5	0.3	1.2	0.2	172.1	76.1
(PLNS, 30, 50,V,V,AH,3)	24.0	-144.8	-0.5	6.8	1.2	0.2	173.7	77.7



COLORADO PLAINS B= 30KM SITE 1

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
05-06-64	24.10	L1	20%	43.5	65.5

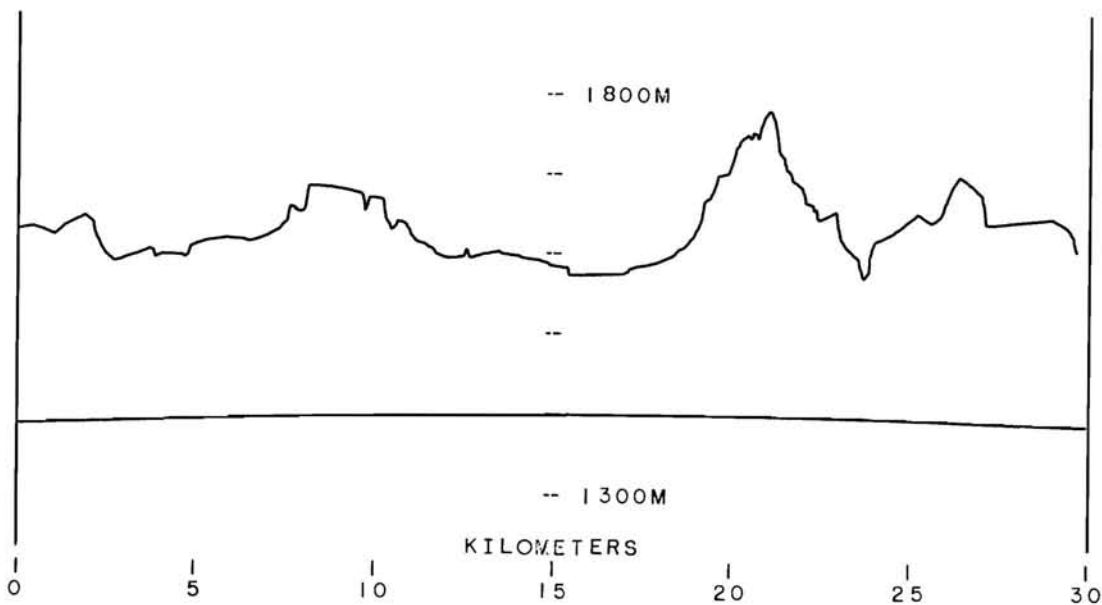
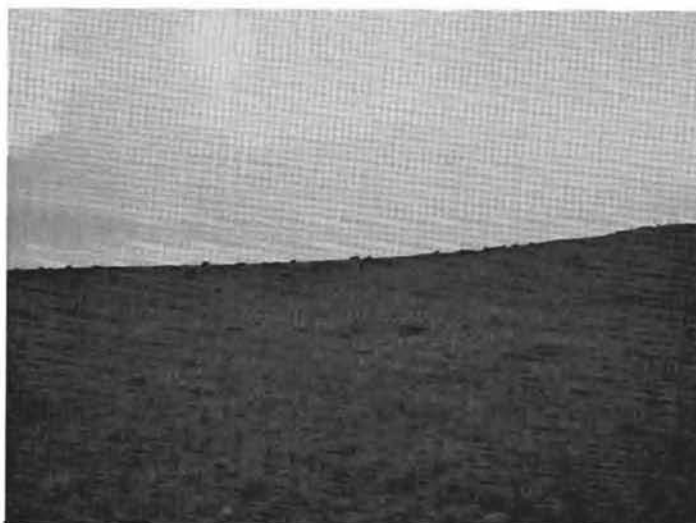
LINE OF SIGHT IS HILL 3/4 MILE TO SOUTH. FOREGROUND FALLS AWAY RAPIDLY TO AREA BELOW DAM. SITE WAS ABOUT 8FT NORTH OF 2 POWER LINES RUNNING ACROSS ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-137.7	7.6	0.8	0.9	0.9	170.4	68.3
(PLNS, 30,100,V,V, P,6)	20.0	-136.2	7.6	-0.8	0.9	0.9	167.3	65.2
(PLNS, 30,100,V,V, P,9)	20.0	-131.9	7.6	-1.3	0.9	0.9	162.5	60.4
(PLNS, 30,100,V,V,AV,3)	20.0	-134.7	7.6	0.8	0.9	0.9	167.4	65.3
(PLNS, 30,100,V,V,AV,6)	20.0	-134.7	7.6	-0.8	0.9	0.9	165.8	63.7
(PLNS, 30,100,V,V,AV,9)	20.0	-134.7	7.6	-1.3	0.9	0.9	165.3	63.2
(PLNS, 30,100,V,V,AH,3)	20.0	-140.3	7.6	0.8	0.9	0.9	173.0	71.0
(PLNS, 30,100,V,V,AH,6)	20.0	-146.1	7.6	-0.8	0.9	0.9	177.2	75.1
(PLNS, 30,100,V,V,AH,9)	20.0	-142.7	7.6	-1.3	0.9	0.9	173.3	71.2
(PLNS, 30,100,H,V, P,3)	20.0	-141.7	9.6	-20.0	0.9	0.9	155.6	53.5
(PLNS, 30,100,H,V, P,6)	20.0	-137.0	9.6	-14.8	0.9	0.9	156.1	54.0
(PLNS, 30,100,H,V, P,9)	20.0	-132.5	9.6	-18.5	0.9	0.9	147.9	45.8
(PLNS, 30,100,H,V,AV,3)	20.0	-142.4	9.6	-20.0	0.9	0.9	156.3	54.2
(PLNS, 30,100,H,V,AV,6)	20.0	-141.0	9.6	-14.8	0.9	0.9	160.1	58.0
(PLNS, 30,100,H,V,AV,9)	20.0	-142.4	9.6	-18.5	0.9	0.9	157.8	55.7
(PLNS, 30,100,H,V,AH,3)	20.0	-141.7	9.6	-20.0	0.9	0.9	155.6	53.5
(PLNS, 30,100,H,V,AH,6)	20.0	-141.7	9.6	-14.8	0.9	0.9	160.8	58.7
(PLNS, 30,100,H,V,AH,9)	20.0	-141.7	9.6	-18.5	0.9	0.9	157.1	55.0
(PLNS, 30,100,V,H, P,3)	20.0	-143.6	7.6	-18.5	0.9	0.9	157.0	54.9
(PLNS, 30,100,V,H, P,6)	20.0	-147.8	7.6	-15.7	0.9	0.9	164.0	61.9
(PLNS, 30,100,V,H, P,9)	20.0	-147.8	7.6	-16.0	0.9	0.9	163.7	61.6
(PLNS, 30,100,V,H,AV,3)	20.0	-142.8	7.6	-18.5	0.9	0.9	156.2	54.2
(PLNS, 30,100,V,H,AV,6)	20.0	-142.8	7.6	-15.7	0.9	0.9	159.0	57.0
(PLNS, 30,100,V,H,AV,9)	20.0	-142.8	7.6	-16.0	0.9	0.9	158.7	56.7
(PLNS, 30,100,V,H,AH,3)	20.0	-144.1	7.6	-18.5	0.9	0.9	157.5	55.4
(PLNS, 30,100,V,H,AH,6)	20.0	-144.1	7.6	-15.7	0.9	0.9	160.3	58.2
(PLNS, 30,100,V,H,AH,9)	20.0	-139.2	7.6	-16.0	0.9	0.9	155.1	53.0
(PLNS, 30,100,H,H, P,3)	20.0	-138.9	9.6	1.0	0.9	0.9	173.8	71.7
(PLNS, 30,100,H,H, P,6)	20.0	-136.6	9.6	1.7	0.9	0.9	172.2	70.1
(PLNS, 30,100,H,H, P,9)	20.0	-138.9	9.6	1.4	0.9	0.9	174.2	72.1
(PLNS, 30,100,H,H,AV,3)	20.0	-141.2	9.6	1.0	0.9	0.9	176.1	74.0
(PLNS, 30,100,H,H,AV,6)	20.0	-133.2	9.6	1.7	0.9	0.9	168.8	66.7
(PLNS, 30,100,H,H,AV,9)	20.0	-134.7	9.6	1.4	0.9	0.9	170.0	67.9
(PLNS, 30,100,H,H,AH,3)	20.0	-134.1	9.6	1.0	0.9	0.9	169.0	66.9
(PLNS, 30,100,H,H,AH,6)	20.0	-136.4	9.6	1.7	0.9	0.9	172.0	69.9
(PLNS, 30,100,H,H,AH,9)	20.0	-134.1	9.6	1.4	0.9	0.9	169.4	67.3
(KLIR, 71,100,H,H, P,3)	42.2	-100.3		0.1		0.9	147.8	38.3
(KLIR, 71,100,H,H, P,6)	42.2	-92.7		1.6		0.9	141.7	32.1
(KLIR, 71,100,H,H, P,9)	42.2	-91.1		1.3		0.9	139.8	30.3
(KLIR, 71,100,H,H,AV,3)	42.2	-97.4		0.1		0.9	144.9	35.4
(KLIR, 71,100,H,H,AV,6)	42.2	-91.0		1.6		0.9	140.0	30.5
(KLIR, 71,100,H,H,AV,9)	42.2	-88.9		1.3		0.9	137.6	28.1
(KLIR, 71,100,H,H,AH,3)	42.2	-97.0		0.1		0.9	144.5	35.0
(KLIR, 71,100,H,H,AH,6)	42.2	-91.9		1.6		0.9	140.9	31.4
(KLIR, 71,100,H,H,AH,9)	42.2	-89.0		1.3		0.9	137.7	28.2

COLORADO PLAINS B= 30KM SITE 2

DATE 10-11-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-134.3	-3.2	-2.5	0.1	-0.0	152.5	64.5
(PLNS, 30, 20,V,V,AV,3)	24.0	-133.2	-3.2	-2.5	0.1	-0.0	151.4	63.4
(PLNS, 30, 20,V,V,AH,3)	24.0	-134.3	-3.2	-2.5	0.1	-0.0	152.5	64.5
(PLNS, 30, 50,V,V, P,1)	24.0	-143.8	-0.2	0.7	1.2	0.2	166.9	70.9
(PLNS, 30, 50,V,V, P,3)	24.0	-143.8	-0.2	-1.2	1.2	0.2	165.0	69.0
(PLNS, 30, 50,V,V,AV,1)	24.0	-146.0	-0.2	0.7	1.2	0.2	169.1	73.1
(PLNS, 30, 50,V,V,AV,3)	24.0	-146.0	-0.2	-1.2	1.2	0.2	167.2	71.2
(PLNS, 30, 50,V,V,AH,1)	24.0	-143.8	-0.2	0.7	1.2	0.2	166.9	70.9
(PLNS, 30, 50,V,V,AH,3)	24.0	-143.8	-0.2	-1.2	1.2	0.2	165.0	69.0



COLORADO PLAINS R= 30KM SITF 2

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
05-06-64	24.49	L5,H7	85%	44.0	65.0

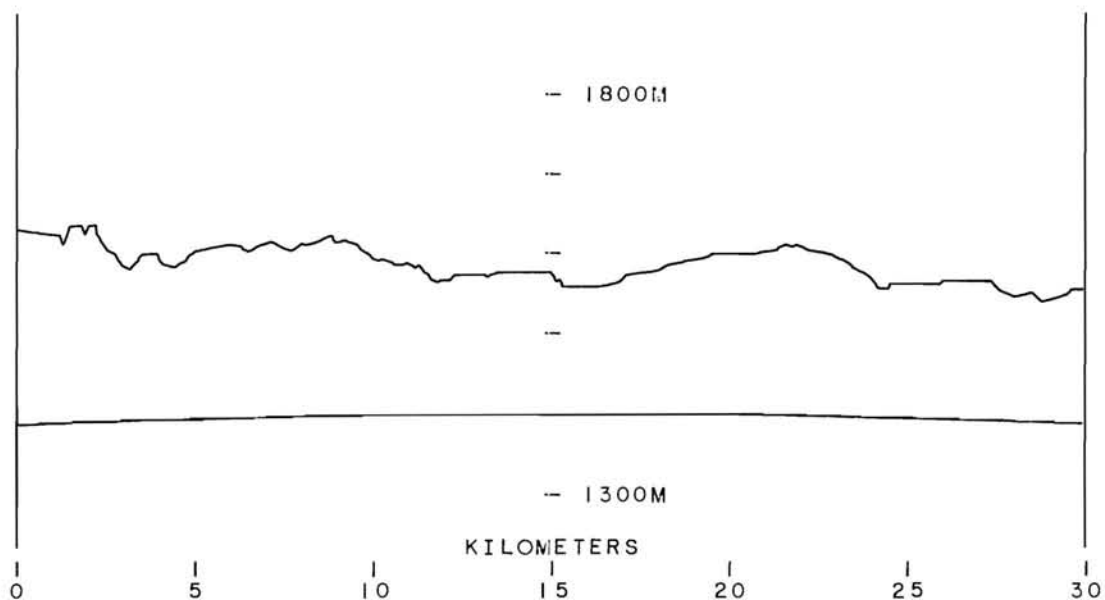
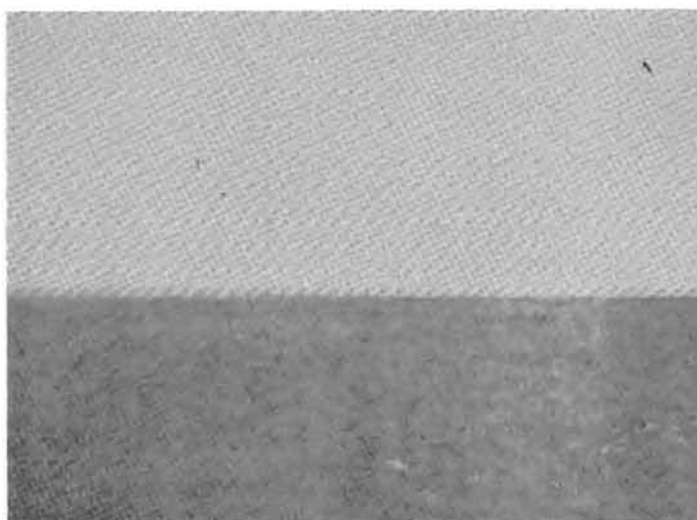
2 POWER LINES CROSS ROAD ABOUT 5FT NORTH. HILL TO SOUTH ABOUT 1/4 MI IS HORIZON LINE OF SIGHT PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 30,100,V,V, P,3)	20.0	-141.7	7.6	-1.6	0.9	0.9	172.0	69.9
(PLNS, 30,100,V,V, P,6)	20.0	-137.7	7.6	-0.9	0.9	0.9	168.7	66.6
(PLNS, 30,100,V,V, P,9)	20.0	-133.6	7.6	-1.2	0.9	0.9	164.3	62.2
(PLNS, 30,100,V,V,AV,3)	20.0	-141.7	7.6	-1.6	0.9	0.9	172.0	69.9
(PLNS, 30,100,V,V,AV,6)	20.0	-137.7	7.6	-0.9	0.9	0.9	168.7	66.6
(PLNS, 30,100,V,V,AV,9)	20.0	-133.6	7.6	-1.2	0.9	0.9	164.3	62.2
(PLNS, 30,100,V,V,AH,3)	20.0	-140.3	7.6	-1.6	0.9	0.9	170.6	68.6
(PLNS, 30,100,V,V,AH,6)	20.0	-135.9	7.6	-0.9	0.9	0.9	166.9	64.8
(PLNS, 30,100,V,V,AH,9)	20.0	-134.1	7.6	-1.2	0.9	0.9	164.8	62.7
(PLNS, 30,100,H,V, P,3)	20.0	-143.9	9.6	-15.2	0.9	0.9	162.6	60.5
(PLNS, 30,100,H,V, P,6)	20.0	-141.2	9.6	-13.2	0.9	0.9	161.9	59.8
(PLNS, 30,100,H,V, P,9)	20.0	-137.5	9.6	-15.5	0.9	0.9	155.9	53.8
(PLNS, 30,100,H,V,AV,3)	20.0	-143.9	9.6	-15.2	0.9	0.9	162.6	60.5
(PLNS, 30,100,H,V,AV,6)	20.0	-141.2	9.6	-13.2	0.9	0.9	161.9	59.8
(PLNS, 30,100,H,V,AV,9)	20.0	-137.5	9.6	-15.5	0.9	0.9	155.9	53.8
(PLNS, 30,100,H,V,AH,3)	20.0	-143.0	9.6	-15.2	0.9	0.9	161.7	59.6
(PLNS, 30,100,H,V,AH,6)	20.0	-141.3	9.6	-13.2	0.9	0.9	162.0	59.9
(PLNS, 30,100,H,V,AH,9)	20.0	-143.0	9.6	-15.5	0.9	0.9	161.4	59.3
(PLNS, 30,100,V,H, P,3)	20.0	-148.4	7.6	-19.1	0.9	0.9	161.2	59.1
(PLNS, 30,100,V,H, P,6)	20.0	-143.6	7.6	-19.3	0.9	0.9	156.2	54.1
(PLNS, 30,100,V,H, P,9)	20.0	-131.9	7.6	-17.7	0.9	0.9	146.1	44.0
(PLNS, 30,100,V,H,AV,3)	20.0	-148.4	7.6	-19.1	0.9	0.9	161.2	59.1
(PLNS, 30,100,V,H,AV,6)	20.0	-143.6	7.6	-19.3	0.9	0.9	156.2	54.1
(PLNS, 30,100,V,H,AV,9)	20.0	-131.9	7.6	-17.7	0.9	0.9	146.1	44.0
(PLNS, 30,100,V,H,AH,3)	20.0	-139.5	7.6	-19.1	0.9	0.9	152.3	50.2
(PLNS, 30,100,V,H,AH,6)	20.0	-140.9	7.6	-19.3	0.9	0.9	153.5	51.4
(PLNS, 30,100,V,H,AH,9)	20.0	-142.7	7.6	-17.7	0.9	0.9	156.9	54.8
(PLNS, 30,100,H,H, P,3)	20.0	-145.0	9.6	-2.0	0.9	0.9	176.9	74.8
(PLNS, 30,100,H,H, P,6)	20.0	-137.0	9.6	1.5	0.9	0.9	172.4	70.3
(PLNS, 30,100,H,H, P,9)	20.0	-131.0	9.6	1.0	0.9	0.9	165.9	63.8
(PLNS, 30,100,H,H,AV,3)	20.0	-145.0	9.6	-2.0	0.9	0.9	176.9	74.8
(PLNS, 30,100,H,H,AV,6)	20.0	-137.0	9.6	1.5	0.9	0.9	172.4	70.3
(PLNS, 30,100,H,H,AV,9)	20.0	-131.0	9.6	1.0	0.9	0.9	165.9	63.8
(PLNS, 30,100,H,H,AH,3)	20.0	-135.6	9.6	-2.0	0.9	0.9	167.5	65.4
(PLNS, 30,100,H,H,AH,6)	20.0	-135.6	9.6	1.5	0.9	0.9	171.0	68.9
(PLNS, 30,100,H,H,AH,9)	20.0	-132.8	9.6	1.0	0.9	0.9	167.7	65.6
(KLIR, 70,100,H,H, P,3)	42.2	-117.5		1.4		0.9	166.3	57.0
(KLIR, 70,100,H,H, P,6)	42.2	-109.0		1.3		0.9	157.7	48.4
(KLIR, 70,100,H,H, P,9)	42.2	-105.4		1.1		0.9	153.9	44.6
(KLIR, 70,100,H,H,AV,3)	42.2	-117.5		1.4		0.9	166.3	57.0
(KLIR, 70,100,H,H,AV,6)	42.2	-109.0		1.3		0.9	157.7	48.4
(KLIR, 70,100,H,H,AV,9)	42.2	-105.4		1.1		0.9	153.9	44.6
(KLIR, 70,100,H,H,AH,3)	42.2	-128.7		1.4		0.9	177.5	68.2
(KLIR, 70,100,H,H,AH,6)	42.2	-118.9		1.3		0.9	167.6	58.3
(KLIR, 70,100,H,H,AH,9)	42.2	-111.0		1.1		0.9	159.5	50.1

COLORADO PLAINS B= 30KM SITE 3

DATE 05-10-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	23.0	-118.1	-1.9	-5.4	0.1	-0.0	133.7	45.7
(PLNS, 30, 20,V,V,AV,3)	23.0	-119.7	-1.9	-5.4	0.1	-0.0	135.3	47.4
(PLNS, 30, 20,V,V,AH,3)	23.0	-116.6	-1.9	-1.3	0.1	-0.0	136.3	48.3
(PLNS, 30, 50,V,V, P,1)	17.2	-147.5	0.0	-1.8	1.2	0.2	161.5	65.5
(PLNS, 30, 50,V,V, P,3)	17.2	-143.0	0.0	2.5	1.2	0.2	161.4	65.4
(PLNS, 30, 50,V,V,AV,1)	17.2	-140.1	0.0	-1.8	1.2	0.2	154.1	58.1
(PLNS, 30, 50,V,V,AV,3)	17.2	-141.4	0.0	2.5	1.2	0.2	159.8	63.8
(PLNS, 30, 50,V,V,AH,1)	17.2	-135.4	0.0	0.9	1.2	0.2	152.2	56.2
(PLNS, 30, 50,V,V,AH,3)	17.2	-133.5	0.0	-2.9	1.2	0.2	146.4	57.4



COLORADO PLAINS B= 30KM SITF 3

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
11-21-63	24.63	L6	100%	28.2	28.8

2-WIRE POLE 30FT HIGH ON SOUTH SIDE OF ROAD 30FT FROM TRUCK. IMMEDIATE FOREGROUND RISES TO 20FT ABOVE ROAD AT 100YDS DOWN PATH. FEW TREES 2MI DOWN PATH.

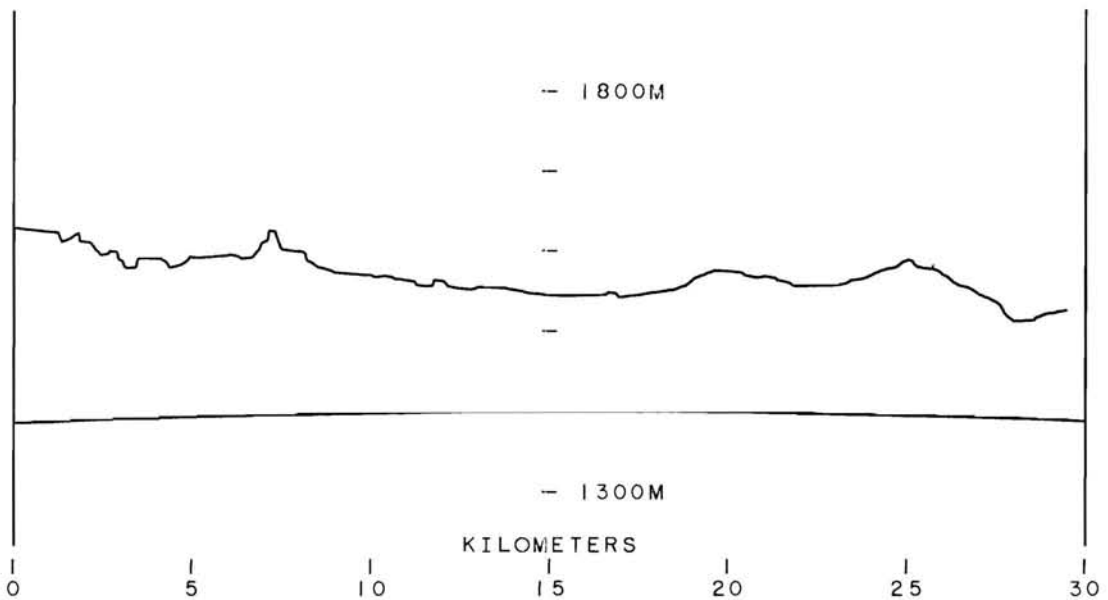
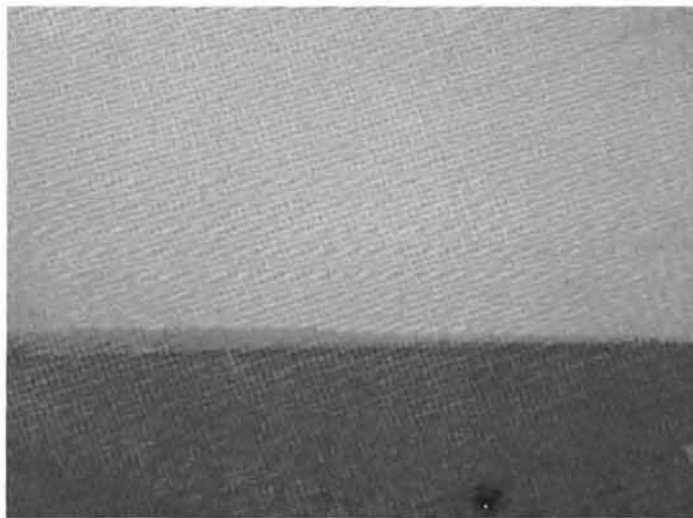
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-129.4	-0.7	-0.4	2.2	0.9	145.8	43.7
(PLNS, 30,100,V,V, P,6)	20.0	-123.0	-0.7	-1.5	2.2	0.9	138.3	36.2
(PLNS, 30,100,V,V, P,9)	20.0	-121.9	-0.7	-1.5	2.2	0.9	137.2	35.1
(PLNS, 30,100,V,V,AV,3)	20.0	-119.2	-0.7	-0.4	2.2	0.9	135.6	33.5
(PLNS, 30,100,V,V,AV,6)	20.0	-112.4	-0.7	-1.5	2.2	0.9	127.7	25.6
(PLNS, 30,100,V,V,AV,9)	20.0	-111.7	-0.7	-1.5	2.2	0.9	127.0	24.9
(PLNS, 30,100,V,V,AH,3)	20.0	-121.3	-0.7	2.7	2.2	0.9	140.8	38.7
(PLNS, 30,100,V,V,AH,6)	20.0	-115.4	-0.7	-2.0	2.2	0.9	130.2	28.1
(PLNS, 30,100,V,V,AH,9)	20.0	-116.2	-0.7	-0.9	2.2	0.9	132.1	30.0
(PLNS, 30,100,H,V, P,3)	20.0	-139.9	1.8	-11.6	0.7	0.9	149.1	47.0
(PLNS, 30,100,H,V, P,6)	20.0	-137.9	1.8	-10.0	0.7	0.9	148.7	46.6
(PLNS, 30,100,H,V, P,9)	20.0	-135.6	1.8	-13.5	0.7	0.9	142.9	40.8
(PLNS, 30,100,H,V,AV,3)	20.0	-137.9	1.8	-11.6	0.7	0.9	147.1	45.0
(PLNS, 30,100,H,V,AV,6)	20.0	-140.3	1.8	-10.0	0.7	0.9	151.2	49.1
(PLNS, 30,100,H,V,AV,9)	20.0	-143.0	1.8	-13.5	0.7	0.9	150.3	48.2
(PLNS, 30,100,H,V,AH,3)	20.0	-129.0	1.8	-24.0	0.7	0.9	125.9	23.8
(PLNS, 30,100,H,V,AH,6)	20.0	-131.4	1.8	-22.0	0.7	0.9	130.2	28.1
(PLNS, 30,100,H,V,AH,9)	20.0	-136.6	1.8	-24.9	0.7	0.9	132.5	30.4
(PLNS, 30,100,V,H, P,3)	20.0	-138.9	-0.7	-16.9	2.2	0.9	138.8	36.8
(PLNS, 30,100,V,H, P,6)	20.0	-137.4	-0.7	-18.0	2.2	0.9	136.3	34.2
(PLNS, 30,100,V,H, P,9)	20.0	-135.1	-0.7	-17.3	2.2	0.9	134.6	32.5
(PLNS, 30,100,V,H,AV,3)	20.0	-137.0	-0.7	-16.9	2.2	0.9	136.9	34.8
(PLNS, 30,100,V,H,AV,6)	20.0	-130.2	-0.7	-18.0	2.2	0.9	129.0	26.9
(PLNS, 30,100,V,H,AV,9)	20.0	-126.9	-0.7	-17.3	2.2	0.9	126.4	24.3
(PLNS, 30,100,V,H,AH,3)	20.0	-133.8	-0.7	-24.1	2.2	0.9	126.5	24.4
(PLNS, 30,100,V,H,AH,6)	20.0	-130.4	-0.7	-19.3	2.2	0.9	127.9	25.8
(PLNS, 30,100,V,H,AH,9)	20.0	-128.4	-0.7	-18.7	2.2	0.9	126.5	24.4
(PLNS, 30,100,H,H, P,3)	20.0	-129.0	1.8	1.2	0.7	0.9	151.1	49.0
(PLNS, 30,100,H,H, P,6)	20.0	-127.5	1.8	1.7	0.7	0.9	150.0	47.9
(PLNS, 30,100,H,H, P,9)	20.0	-123.9	1.8	1.2	0.7	0.9	145.9	43.9
(PLNS, 30,100,H,H,AV,3)	20.0	-123.7	1.8	1.2	0.7	0.9	145.8	43.7
(PLNS, 30,100,H,H,AV,6)	20.0	-120.1	1.8	1.7	0.7	0.9	142.6	40.5
(PLNS, 30,100,H,H,AV,9)	20.0	-118.7	1.8	1.2	0.7	0.9	140.7	38.6
(PLNS, 30,100,H,H,AH,3)	20.0	-123.0	1.8	0.5	0.7	0.9	144.3	42.2
(PLNS, 30,100,H,H,AH,6)	20.0	-118.4	1.8	1.1	0.7	0.9	140.3	38.2
(PLNS, 30,100,H,H,AH,9)	20.0	-116.3	1.8	0.7	0.7	0.9	137.8	35.7
(KLIR, 69,100,H,H, P,3)	42.2	-104.7		1.1		0.9	147.8	38.5
(KLIR, 69,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 69,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 69,100,H,H,AV,3)	42.2	-103.7		1.1		0.9	146.8	37.5
(KLIR, 69,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 69,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 69,100,H,H,AH,3)	42.2	-109.0		-0.7		0.9	150.3	41.0
(KLIR, 69,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 69,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 4

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-113.5	-0.8	0.7	0.1	-0.0	137.3	49.3
(PLNS, 30, 20,V,V,AV,3)	24.0	-117.6	-0.8	0.7	0.1	-0.0	141.4	53.4
(PLNS, 30, 20,V,V,AH,3)	24.0	-114.1	-0.8	0.7	0.1	-0.0	137.9	49.9
(PLNS, 30, 50,V,V, P,1)	17.8	-140.1	0.3	0.3	1.2	0.2	157.1	61.1
(PLNS, 30, 50,V,V, P,3)	17.8	-140.1	0.3	6.9	1.2	0.2	163.7	67.7
(PLNS, 30, 50,V,V,AV,1)	17.8	-147.5	0.3	0.3	1.2	0.2	164.4	68.4
(PLNS, 30, 50,V,V,AV,3)	17.8	-141.4	0.3	6.9	1.2	0.2	165.0	69.0
(PLNS, 30, 50,V,V,AH,1)	17.8	-147.5	0.3	0.3	1.2	0.2	164.4	68.4
(PLNS, 30, 50,V,V,AH,3)	17.8	-145.0	0.3	6.9	1.2	0.2	168.5	75.5



COLORADO PLAINS R= 30KM SITE 4

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
11-21-63	24.63	FOGGY	100%	28.8	29.8

4-WIRE POLE LINE ON WEST SIDE OF ROAD IN PATH. LINE IS 35FT HIGH. HORIZON IS A SMALL RISE WITH SCATTERED TREE COVERING, 70FT HIGHER THAN SITE, 1 1/2MI DOWN PATH. GROUND COVER NEXT TO ROAD IS HAY.

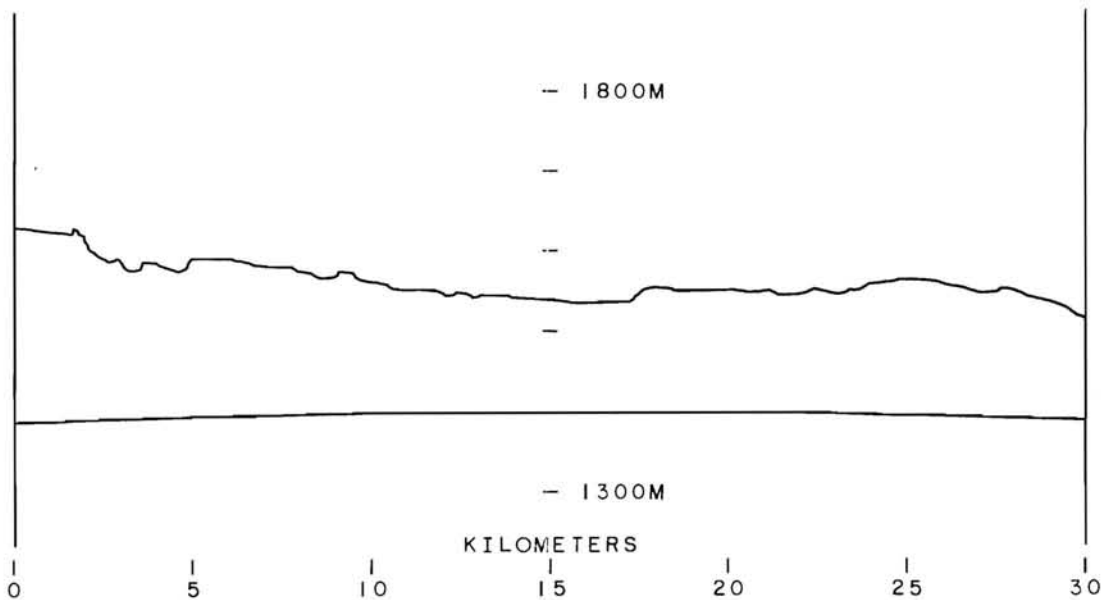
(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 30,100,V,V, P,3)	20.0	-125.0	-0.7	0.8	2.2	0.9	142.6	40.5
(PLNS, 30,100,V,V, P,6)	20.0	-119.5	-0.7	0.8	2.2	0.9	137.1	35.0
(PLNS, 30,100,V,V, P,9)	20.0	-118.1	-0.7	-1.3	2.2	0.9	133.6	31.5
(PLNS, 30,100,V,V,AV,3)	20.0	-117.4	-0.7	0.8	2.2	0.9	135.1	33.0
(PLNS, 30,100,V,V,AV,6)	20.0	-111.9	-0.7	0.8	2.2	0.9	129.5	27.4
(PLNS, 30,100,V,V,AV,9)	20.0	-110.6	-0.7	-1.3	2.2	0.9	126.1	24.0
(PLNS, 30,100,V,V,AH,3)	20.0	-119.7	-0.7	0.8	2.2	0.9	137.3	35.3
(PLNS, 30,100,V,V,AH,6)	20.0	-114.4	-0.7	0.8	2.2	0.9	132.0	29.9
(PLNS, 30,100,V,V,AH,9)	20.0	-113.5	-0.7	-1.3	2.2	0.9	129.0	26.9
(PLNS, 30,100,H,V, P,3)	20.0	-129.8	1.8	-20.0	0.7	0.9	130.6	28.5
(PLNS, 30,100,H,V, P,6)	20.0	-131.0	1.8	-14.8	0.7	0.9	137.0	34.9
(PLNS, 30,100,H,V, P,9)	20.0	-129.0	1.8	-18.5	0.7	0.9	131.4	29.3
(PLNS, 30,100,H,V,AV,3)	20.0	-134.7	1.8	-20.0	0.7	0.9	135.5	33.4
(PLNS, 30,100,H,V,AV,6)	20.0	-129.8	1.8	-14.8	0.7	0.9	135.8	33.7
(PLNS, 30,100,H,V,AV,9)	20.0	-125.9	1.8	-18.5	0.7	0.9	128.2	26.1
(PLNS, 30,100,H,V,AH,3)	20.0	-131.9	1.8	-20.0	0.7	0.9	132.7	30.6
(PLNS, 30,100,H,V,AH,6)	20.0	-132.1	1.8	-14.8	0.7	0.9	138.1	36.1
(PLNS, 30,100,H,V,AH,9)	20.0	-131.0	1.8	-18.5	0.7	0.9	133.3	31.2
(PLNS, 30,100,V,H, P,3)	20.0	-139.9	-0.7	-18.5	2.2	0.9	138.2	36.1
(PLNS, 30,100,V,H, P,6)	20.0	-138.2	-0.7	-15.7	2.2	0.9	139.3	37.2
(PLNS, 30,100,V,H, P,9)	20.0	-134.7	-0.7	-16.0	2.2	0.9	135.5	33.4
(PLNS, 30,100,V,H,AV,3)	20.0	-128.7	-0.7	-18.5	2.2	0.9	127.0	24.9
(PLNS, 30,100,V,H,AV,6)	20.0	-127.3	-0.7	-15.7	2.2	0.9	128.4	26.3
(PLNS, 30,100,V,H,AV,9)	20.0	-125.0	-0.7	-16.0	2.2	0.9	125.8	23.7
(PLNS, 30,100,V,H,AH,3)	20.0	-128.1	-0.7	-18.5	2.2	0.9	126.4	24.3
(PLNS, 30,100,V,H,AH,6)	20.0	-125.2	-0.7	-15.7	2.2	0.9	126.3	24.2
(PLNS, 30,100,V,H,AH,9)	20.0	-124.5	-0.7	-16.0	2.2	0.9	125.3	23.3
(PLNS, 30,100,H,H, P,3)	20.0	-123.4	1.8	1.0	0.7	0.9	145.2	43.1
(PLNS, 30,100,H,H, P,6)	20.0	-124.5	1.8	1.7	0.7	0.9	147.0	45.0
(PLNS, 30,100,H,H, P,9)	20.0	-118.9	1.8	1.4	0.7	0.9	141.1	39.1
(PLNS, 30,100,H,H,AV,3)	20.0	-123.6	1.8	1.0	0.7	0.9	145.4	43.3
(PLNS, 30,100,H,H,AV,6)	20.0	-120.9	1.8	1.7	0.7	0.9	143.4	41.3
(PLNS, 30,100,H,H,AV,9)	20.0	-116.6	1.8	1.4	0.7	0.9	138.8	36.7
(PLNS, 30,100,H,H,AH,3)	20.0	-117.0	1.8	1.0	0.7	0.9	138.8	36.7
(PLNS, 30,100,H,H,AH,6)	20.0	-118.1	1.8	1.7	0.7	0.9	140.6	38.5
(PLNS, 30,100,H,H,AH,9)	20.0	-115.3	1.8	1.4	0.7	0.9	137.5	35.4
(KLIR, 67,100,H,H, P,3)	42.2	-107.5		-0.3		0.9	149.1	40.1
(KLIR, 67,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 67,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 67,100,H,H,AV,3)	42.2	-108.7		-0.3		0.9	150.3	41.4
(KLIR, 67,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 67,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 67,100,H,H,AH,3)	42.2	-106.9		-0.3		0.9	148.5	39.6
(KLIR, 67,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 67,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 5

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-119.6	-0.7	-4.5	0.1	-0.0	138.3	50.3
(PLNS, 30, 20,V,V,AV,3)	24.0	-117.0	-0.7	-4.5	0.1	-0.0	135.7	47.7
(PLNS, 30, 20,V,V,AH,3)	24.0	-116.7	-0.7	-4.5	0.1	-0.0	135.4	47.4
(PLNS, 30, 50,V,V, P,1)	17.0	-137.0	0.3	2.2	1.2	0.2	155.1	50.1
(PLNS, 30, 50,V,V, P,3)	17.0	-141.4	0.3	2.5	1.2	0.2	159.8	63.8
(PLNS, 30, 50,V,V,AV,1)	17.0	-143.0	0.3	2.2	1.2	0.2	161.1	65.1
(PLNS, 30, 50,V,V,AV,3)	17.0	-141.4	0.3	2.5	1.2	0.2	159.8	63.8
(PLNS, 30, 50,V,V,AH,1)	17.0	-145.0	0.3	2.2	1.2	0.2	163.0	67.1
(PLNS, 30, 50,V,V,AH,3)	17.0	-151.0	0.3	2.5	1.2	0.2	169.4	73.4



COLORADO PLAINS R= 30KM SITF 5

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
11-21-63	24.64	L6-FOGGY	100%	30.2	31.5

3-WIRE POWER LINE CROSSES ROAD 6FT IN BACK OF ANTENNA. POWER LINE IS 18FT HIGH. ABANDONED HOUSE IS IN PATH 60FT OFF ROAD. GROUND SLOPES UP TO 70FT HIGHER THAN ROAD AT 1/2MI DOWN PATH. NO VEGETATION.

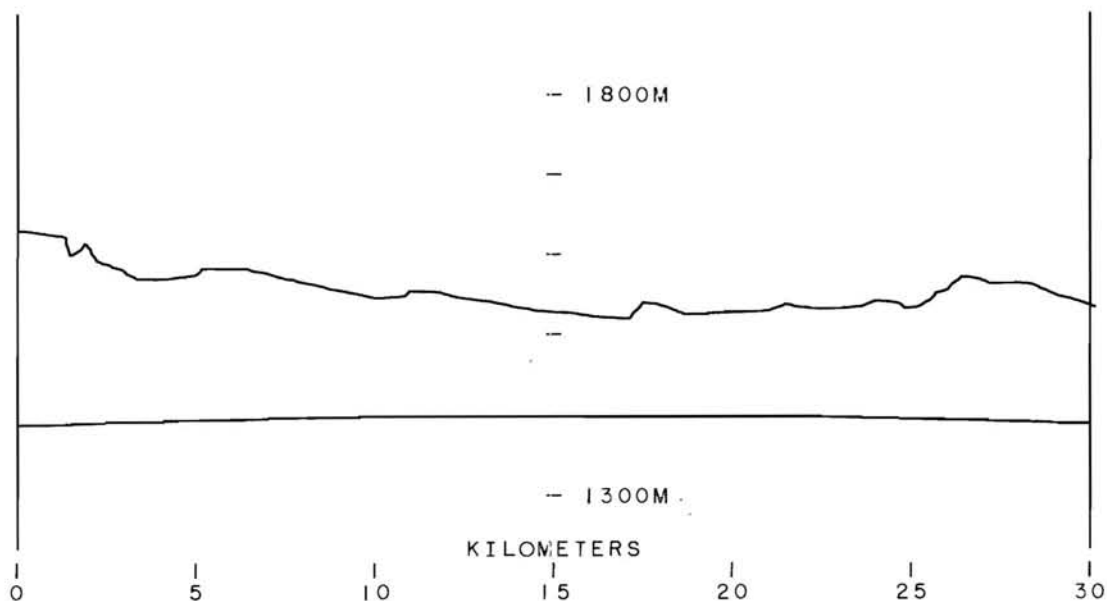
(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-134.1	-0.7	-2.4	2.2	0.9	148.5	46.4
(PLNS, 30,100,V,V, P,6)	20.0	-131.0	-0.7	-2.4	2.2	0.9	145.4	43.3
(PLNS, 30,100,V,V, P,9)	20.0	-131.8	-0.7	-2.2	2.2	0.9	146.4	44.3
(PLNS, 30,100,V,V,AV,3)	20.0	-121.4	-0.7	-2.4	2.2	0.9	135.8	33.8
(PLNS, 30,100,V,V,AV,6)	20.0	-116.0	-0.7	-2.4	2.2	0.9	130.4	28.3
(PLNS, 30,100,V,V,AV,9)	20.0	-114.1	-0.7	-2.2	2.2	0.9	128.7	26.6
(PLNS, 30,100,V,V,AH,3)	20.0	-136.2	-0.7	-2.4	2.2	0.9	150.6	48.5
(PLNS, 30,100,V,V,AH,6)	20.0	-129.2	-0.7	-2.4	2.2	0.9	143.6	41.5
(PLNS, 30,100,V,V,AH,9)	20.0	-127.8	-0.7	-2.2	2.2	0.9	142.4	40.3
(PLNS, 30,100,H,V, P,3)	20.0	-140.3	1.8	-12.3	0.7	0.9	148.9	46.8
(PLNS, 30,100,H,V, P,6)	20.0	-140.0	1.8	-12.5	0.7	0.9	148.3	46.2
(PLNS, 30,100,H,V, P,9)	20.0	-137.9	1.8	-17.5	0.7	0.9	141.2	39.1
(PLNS, 30,100,H,V,AV,3)	20.0	-143.7	1.8	-12.3	0.7	0.9	152.3	50.2
(PLNS, 30,100,H,V,AV,6)	20.0	-136.3	1.8	-12.5	0.7	0.9	144.6	42.5
(PLNS, 30,100,H,V,AV,9)	20.0	-133.8	1.8	-17.5	0.7	0.9	137.1	35.0
(PLNS, 30,100,H,V,AH,3)	20.0	-118.1	1.8	-12.3	0.7	0.9	126.6	24.5
(PLNS, 30,100,H,V,AH,6)	20.0	-136.6	1.8	-12.5	0.7	0.9	144.9	42.8
(PLNS, 30,100,H,V,AH,9)	20.0	-135.1	1.8	-17.5	0.7	0.9	138.4	36.3
(PLNS, 30,100,V,H, P,3)	20.0	-140.7	-0.7	-17.6	2.2	0.9	140.0	37.9
(PLNS, 30,100,V,H, P,6)	20.0	-134.9	-0.7	-18.2	2.2	0.9	133.5	31.4
(PLNS, 30,100,V,H, P,9)	20.0	-134.0	-0.7	-17.1	2.2	0.9	133.7	31.6
(PLNS, 30,100,V,H,AV,3)	20.0	-134.4	-0.7	-17.6	2.2	0.9	133.6	31.5
(PLNS, 30,100,V,H,AV,6)	20.0	-129.8	-0.7	-18.2	2.2	0.9	128.4	26.3
(PLNS, 30,100,V,H,AV,9)	20.0	-123.4	-0.7	-17.1	2.2	0.9	123.1	21.0
(PLNS, 30,100,V,H,AH,3)	20.0	-123.6	-0.7	-17.6	2.2	0.9	122.8	20.7
(PLNS, 30,100,V,H,AH,6)	20.0	-123.6	-0.7	-18.2	2.2	0.9	122.2	20.1
(PLNS, 30,100,V,H,AH,9)	20.0	-119.9	-0.7	-17.1	2.2	0.9	119.6	17.5
(PLNS, 30,100,H,H, P,3)	20.0	-136.4	1.8	0.9	0.7	0.9	158.1	56.0
(PLNS, 30,100,H,H, P,6)	20.0	-128.1	1.8	1.5	0.7	0.9	150.4	48.3
(PLNS, 30,100,H,H, P,9)	20.0	-126.6	1.8	1.0	0.7	0.9	148.4	46.3
(PLNS, 30,100,H,H,AV,3)	20.0	-138.7	1.8	0.9	0.7	0.9	160.4	58.3
(PLNS, 30,100,H,H,AV,6)	20.0	-132.1	1.8	1.5	0.7	0.9	154.4	52.4
(PLNS, 30,100,H,H,AV,9)	20.0	-129.8	1.8	1.0	0.7	0.9	151.6	49.5
(PLNS, 30,100,H,H,AH,3)	20.0	-131.0	1.8	0.9	0.7	0.9	152.7	50.6
(PLNS, 30,100,H,H,AH,6)	20.0	-125.6	1.8	1.5	0.7	0.9	147.9	45.9
(PLNS, 30,100,H,H,AH,9)	20.0	-121.7	1.8	1.0	0.7	0.9	143.5	41.4
(KLIR, 65,100,H,H, P,3)	42.2	-117.2		1.1		0.9	160.2	51.4
(KLIR, 65,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 65,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 65,100,H,H,AV,3)	42.2	-116.3		1.1		0.9	159.3	50.6
(KLIR, 65,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 65,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 65,100,H,H,AH,3)	42.2	-118.9		1.1		0.9	161.9	53.2
(KLIR, 65,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 65,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 7

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-115.1	-1.2	1.6	0.1	-0.0	139.3	51.3
(PLNS, 30, 20,V,V,AV,3)	24.0	-115.4	-1.2	1.6	0.1	-0.0	139.7	51.7
(PLNS, 30, 20,V,V,AH,3)	24.0	-117.4	-1.2	0.1	0.1	-0.0	140.1	52.1
(PLNS, 30, 50,V,V, P,1)	17.0	-147.5	0.1	-3.9	1.2	0.2	159.2	63.3
(PLNS, 30, 50,V,V, P,3)	17.0	-137.0	0.1	6.1	1.2	0.2	158.8	62.8
(PLNS, 30, 50,V,V,AV,1)	17.0	-141.4	0.1	-3.9	1.2	0.2	153.2	57.2
(PLNS, 30, 50,V,V,AV,3)	17.0	-151.0	0.1	6.1	1.2	0.2	172.8	76.8
(PLNS, 30, 50,V,V,AH,1)	17.0	-141.4	0.1	-1.0	1.2	0.2	156.1	62.1
(PLNS, 30, 50,V,V,AH,3)	17.0	-145.0	0.1	-2.5	1.2	0.2	158.1	62.2



COLORADO PLAINS R= 30KM SITE 7

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
11-27-63	25.00	CLEAR	0%	37.5	48.5

4-WIRE POWER LINE ON TRANSMITTER SIDE OF ROAD. LINE OVERHANGS SLIGHTLY AT 30FT ABOVE ROAD. ANTENNA WITHIN BIN OF POWER LINE. COTTONWOOD TREES IN PATH. TREES BEGIN 60FT FROM RECEIVER AND CONTINUE FOR 300FT TREES ARE 65FT TALL.

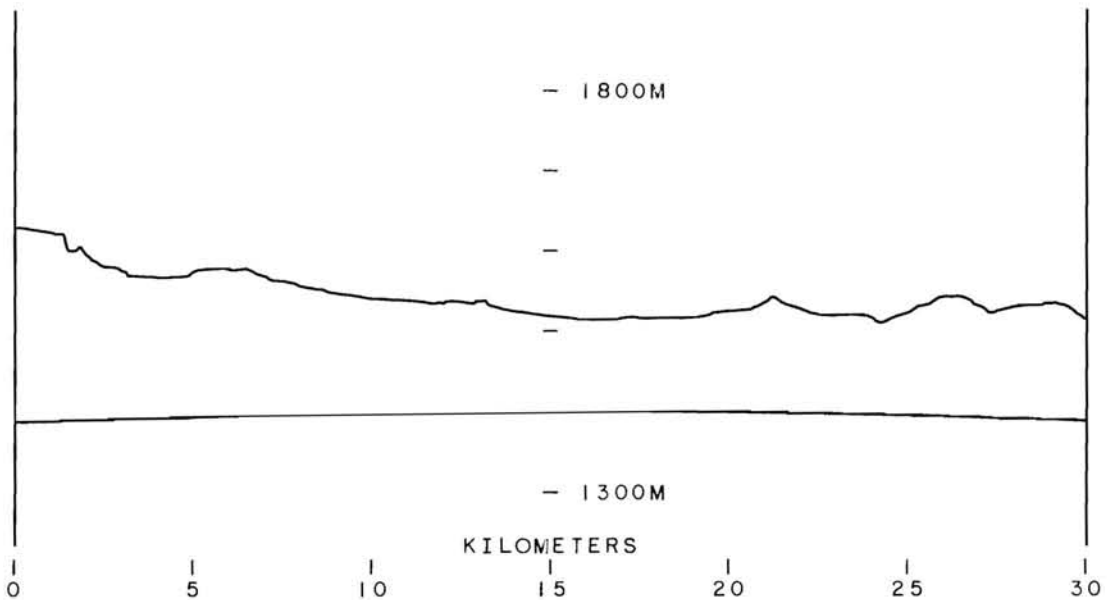
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-130.4	-0.6	0.8	2.2	0.9	153.5	51.4
(PLNS, 30,100,V,V, P,6)	20.0	-138.4	-0.6	-0.4	2.2	0.9	160.3	58.2
(PLNS, 30,100,V,V, P,9)	20.0	-132.9	-0.6	-1.2	2.2	0.9	154.0	51.9
(PLNS, 30,100,V,V,AV,3)	20.0	-121.2	-0.6	0.8	2.2	0.9	144.3	42.2
(PLNS, 30,100,V,V,AV,6)	20.0	-120.2	-0.6	-0.4	2.2	0.9	142.1	40.0
(PLNS, 30,100,V,V,AV,9)	20.0	-118.1	-0.6	-1.2	2.2	0.9	139.2	37.1
(PLNS, 30,100,V,V,AH,3)	20.0	-135.4	-0.6	0.3	2.2	0.9	158.0	55.9
(PLNS, 30,100,V,V,AH,6)	20.0	-125.4	-0.6	-0.8	2.2	0.9	146.9	44.8
(PLNS, 30,100,V,V,AH,9)	20.0	-126.1	-0.6	-1.5	2.2	0.9	146.9	44.8
(PLNS, 30,100,H,V, P,3)	20.0	-132.8	1.8	-17.3	0.7	0.9	141.7	39.6
(PLNS, 30,100,H,V, P,6)	20.0	-127.2	1.8	-16.8	0.7	0.9	136.6	34.5
(PLNS, 30,100,H,V, P,9)	20.0	-131.3	1.8	-19.6	0.7	0.9	137.9	35.8
(PLNS, 30,100,H,V,AV,3)	20.0	-131.4	1.8	-17.3	0.7	0.9	140.3	38.2
(PLNS, 30,100,H,V,AV,6)	20.0	-131.0	1.8	-16.8	0.7	0.9	140.4	38.3
(PLNS, 30,100,H,V,AV,9)	20.0	-129.8	1.8	-19.6	0.7	0.9	136.4	34.3
(PLNS, 30,100,H,V,AH,3)	20.0	-131.0	1.8	-19.0	0.7	0.9	138.2	36.1
(PLNS, 30,100,H,V,AH,6)	20.0	-129.0	1.8	-17.2	0.7	0.9	138.0	35.9
(PLNS, 30,100,H,V,AH,9)	20.0	-130.2	1.8	-21.3	0.7	0.9	135.1	33.0
(PLNS, 30,100,V,H, P,3)	20.0	-135.3	-0.6	-21.8	2.2	0.9	135.8	33.8
(PLNS, 30,100,V,H, P,6)	20.0	-134.1	-0.6	-16.0	2.2	0.9	140.4	38.3
(PLNS, 30,100,V,H, P,9)	20.0	-132.8	-0.6	-16.5	2.2	0.9	138.6	36.5
(PLNS, 30,100,V,H,AV,3)	20.0	-140.3	-0.6	-21.8	2.2	0.9	140.8	38.8
(PLNS, 30,100,V,H,AV,6)	20.0	-137.9	-0.6	-16.0	2.2	0.9	144.2	42.1
(PLNS, 30,100,V,H,AV,9)	20.0	-127.5	-0.6	-16.5	2.2	0.9	133.3	31.2
(PLNS, 30,100,V,H,AH,3)	20.0	-139.5	-0.6	-23.0	2.2	0.9	138.8	36.7
(PLNS, 30,100,V,H,AH,6)	20.0	-129.0	-0.6	-16.3	2.2	0.9	135.0	32.9
(PLNS, 30,100,V,H,AH,9)	20.0	-127.5	-0.6	-16.9	2.2	0.9	132.9	30.8
(PLNS, 30,100,H,H, P,3)	20.0	-124.7	1.8	-0.3	0.7	0.9	150.6	48.6
(PLNS, 30,100,H,H, P,6)	20.0	-142.7	1.8	1.4	0.7	0.9	170.3	68.2
(PLNS, 30,100,H,H, P,9)	20.0	-128.7	1.8	1.2	0.7	0.9	156.1	54.0
(PLNS, 30,100,H,H,AV,3)	20.0	-132.9	1.8	-0.3	0.7	0.9	158.8	56.7
(PLNS, 30,100,H,H,AV,6)	20.0	-128.1	1.8	1.4	0.7	0.9	155.7	53.6
(PLNS, 30,100,H,H,AV,9)	20.0	-118.8	1.8	1.2	0.7	0.9	146.2	44.1
(PLNS, 30,100,H,H,AH,3)	20.0	-119.5	1.8	0.3	0.7	0.9	146.0	43.9
(PLNS, 30,100,H,H,AH,6)	20.0	-115.4	1.8	1.1	0.7	0.9	142.7	40.6
(PLNS, 30,100,H,H,AH,9)	20.0	-113.4	1.8	0.8	0.7	0.9	140.4	38.3
(KLIR, 62,100,H,H, P,3)	42.2	-105.6		0.0		0.9	152.9	44.6
(KLIR, 62,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 62,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 62,100,H,H,AV,3)	42.2	-101.6		0.0		0.9	148.9	40.5
(KLIR, 62,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 62,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 62,100,H,H,AH,3)	42.2	-101.3		0.0		0.9	148.6	40.2
(KLIR, 62,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 62,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 8

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-111.0	-1.9	0.4	0.1	-0.0	133.4	45.4
(PLNS, 30, 20,V,V,AV,3)	24.0	-111.9	-1.9	0.4	0.1	-0.0	134.3	46.3
(PLNS, 30, 20,V,V,AH,3)	24.0	-111.7	-1.9	0.4	0.1	-0.0	134.0	46.0
(PLNS, 30, 50,V,V, P,1)	17.0	-138.9	-0.1	-1.8	1.2	0.2	152.6	56.6
(PLNS, 30, 50,V,V, P,3)	17.0	-138.9	-0.1	-0.2	1.2	0.2	154.2	58.2
(PLNS, 30, 50,V,V,AV,1)	17.0	-140.1	-0.1	-1.8	1.2	0.2	153.8	57.8
(PLNS, 30, 50,V,V,AV,3)	17.0	-137.9	-0.1	-0.2	1.2	0.2	153.2	57.2
(PLNS, 30, 50,V,V,AH,1)	17.0	-138.9	-0.1	-1.8	1.2	0.2	152.6	56.6
(PLNS, 30, 50,V,V,AH,3)	17.0	-134.1	-0.1	-0.2	1.2	0.2	149.4	53.4



COLORADO PLAINS R= 30KM SITE 8

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
11-27-63	25.11	CLEAR	0%	45.0	62.1

NO COMMENT.

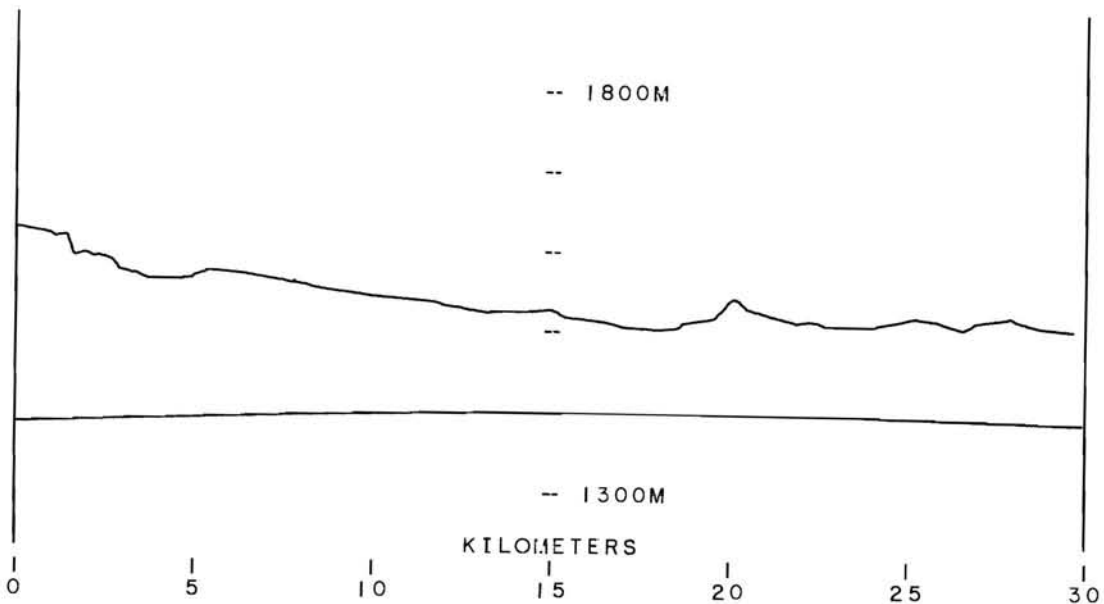
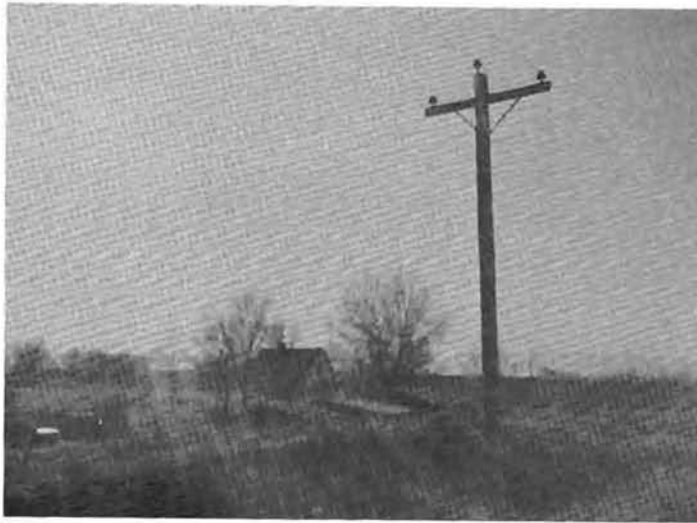
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 30,100,V,V, P,3)	20.0	-140.1	-0.6	0.0	2.2	0.9	156.4	54.3
(PLNS, 30,100,V,V, P,6)	20.0	-133.4	-0.6	-0.8	2.2	0.9	148.9	46.8
(PLNS, 30,100,V,V, P,9)	20.0	-129.4	-0.6	-1.5	2.2	0.9	144.2	42.1
(PLNS, 30,100,V,V,AV,3)	20.0	-127.3	-0.6	0.0	2.2	0.9	143.6	41.5
(PLNS, 30,100,V,V,AV,6)	20.0	-124.5	-0.6	-0.8	2.2	0.9	140.0	37.9
(PLNS, 30,100,V,V,AV,9)	20.0	-124.5	-0.6	-1.5	2.2	0.9	139.3	37.2
(PLNS, 30,100,V,V,AH,3)	20.0	-147.2	-0.6	0.0	2.2	0.9	163.5	61.4
(PLNS, 30,100,V,V,AH,6)	20.0	-143.2	-0.6	-0.8	2.2	0.9	158.7	56.6
(PLNS, 30,100,V,V,AH,9)	20.0	-140.7	-0.6	-1.5	2.2	0.9	155.5	53.4
(PLNS, 30,100,H,V, P,3)	20.0	-141.4	1.8	-20.3	0.7	0.9	141.3	39.2
(PLNS, 30,100,H,V, P,6)	20.0	-143.9	1.8	-18.0	0.7	0.9	146.1	44.0
(PLNS, 30,100,H,V, P,9)	20.0	-141.4	1.8	-21.5	0.7	0.9	140.1	38.0
(PLNS, 30,100,H,V,AV,3)	20.0	-136.6	1.8	-20.3	0.7	0.9	136.5	34.4
(PLNS, 30,100,H,V,AV,6)	20.0	-134.7	1.8	-18.0	0.7	0.9	136.9	34.8
(PLNS, 30,100,H,V,AV,9)	20.0	-135.7	1.8	-21.5	0.7	0.9	134.4	32.3
(PLNS, 30,100,H,V,AH,3)	20.0	-133.5	1.8	-20.3	0.7	0.9	133.4	31.3
(PLNS, 30,100,H,V,AH,6)	20.0	-131.2	1.8	-18.0	0.7	0.9	133.4	31.3
(PLNS, 30,100,H,V,AH,9)	20.0	-131.0	1.8	-21.5	0.7	0.9	129.7	27.6
(PLNS, 30,100,V,H, P,3)	20.0	-145.0	-0.6	-22.5	2.2	0.9	138.8	36.7
(PLNS, 30,100,V,H, P,6)	20.0	-141.4	-0.6	-16.1	2.2	0.9	141.6	39.5
(PLNS, 30,100,V,H, P,9)	20.0	-140.1	-0.6	-16.8	2.2	0.9	139.6	37.5
(PLNS, 30,100,V,H,AV,3)	20.0	-136.0	-0.6	-22.5	2.2	0.9	129.8	27.7
(PLNS, 30,100,V,H,AV,6)	20.0	-133.8	-0.6	-16.1	2.2	0.9	134.0	31.9
(PLNS, 30,100,V,H,AV,9)	20.0	-134.7	-0.6	-16.8	2.2	0.9	134.2	32.1
(PLNS, 30,100,V,H,AH,3)	20.0	-138.3	-0.6	-22.5	2.2	0.9	132.1	30.0
(PLNS, 30,100,V,H,AH,6)	20.0	-138.9	-0.6	-16.1	2.2	0.9	139.1	37.0
(PLNS, 30,100,V,H,AH,9)	20.0	-138.0	-0.6	-16.8	2.2	0.9	137.5	35.4
(PLNS, 30,100,H,H, P,3)	20.0	-131.0	1.8	0.3	0.7	0.9	151.5	49.4
(PLNS, 30,100,H,H, P,6)	20.0	-130.2	1.8	0.8	0.7	0.9	151.2	49.1
(PLNS, 30,100,H,H, P,9)	20.0	-126.9	1.8	1.1	0.7	0.9	148.2	46.1
(PLNS, 30,100,H,H,AV,3)	20.0	-130.2	1.8	0.3	0.7	0.9	150.7	48.6
(PLNS, 30,100,H,H,AV,6)	20.0	-129.4	1.8	0.8	0.7	0.9	150.4	48.3
(PLNS, 30,100,H,H,AV,9)	20.0	-132.7	1.8	1.1	0.7	0.9	154.0	51.9
(PLNS, 30,100,H,H,AH,3)	20.0	-128.4	1.8	0.3	0.7	0.9	148.9	46.8
(PLNS, 30,100,H,H,AH,6)	20.0	-129.0	1.8	0.8	0.7	0.9	150.0	47.9
(PLNS, 30,100,H,H,AH,9)	20.0	-127.2	1.8	1.1	0.7	0.9	148.5	46.4
(KLIR, 61,100,H,H, P,3)	42.2	-112.8		0.0		0.9	154.1	46.0
(KLIR, 61,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 61,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AV,3)	42.2	-122.2		0.0		0.9	163.5	55.3
(KLIR, 61,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AH,3)	42.2	-112.9		0.0		0.9	154.2	46.1
(KLIR, 61,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 9

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-112.9	-2.3	-2.8	0.1	-0.0	131.7	43.7
(PLNS, 30, 20,V,V,AV,3)	24.0	-112.9	-2.3	-2.8	0.1	-0.0	131.7	43.7
(PLNS, 30, 20,V,V,AH,3)	24.0	-112.9	-2.3	-2.8	0.1	-0.0	131.7	43.7
(PLNS, 30, 50,V,V, P,1)	17.0	-134.1	-0.2	4.5	1.2	0.2	154.0	58.0
(PLNS, 30, 50,V,V, P,3)	17.0	-138.9	-0.2	1.2	1.2	0.2	155.5	50.5
(PLNS, 30, 50,V,V,AV,1)	17.0	-134.1	-0.2	4.5	1.2	0.2	154.0	58.0
(PLNS, 30, 50,V,V,AV,3)	17.0	-138.9	-0.2	1.2	1.2	0.2	155.5	59.5
(PLNS, 30, 50,V,V,AH,1)	17.0	-134.1	-0.2	4.5	1.2	0.2	154.0	58.0
(PLNS, 30, 50,V,V,AH,3)	17.0	-138.9	-0.2	1.2	1.2	0.2	155.5	59.5



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
11-27-63	24.98	CLEAR	0%	47.8	68.7

HOUSE AND TREES 300FT DOWN PATH. SINGLE ROW OF TREES 50FT HIGH. TREES ALSO AT HORIZON AT 1/2MI. 3-WIRE POWER LINE ON SOUTH SIDE OF ROAD 25FT FROM GROUND AND 15FT FROM ANTENNA. 2 PHONE LINES NORTH SIDE OF ROAD 15FT ABOVE GROUND. 35FT FROM ANTENNA.

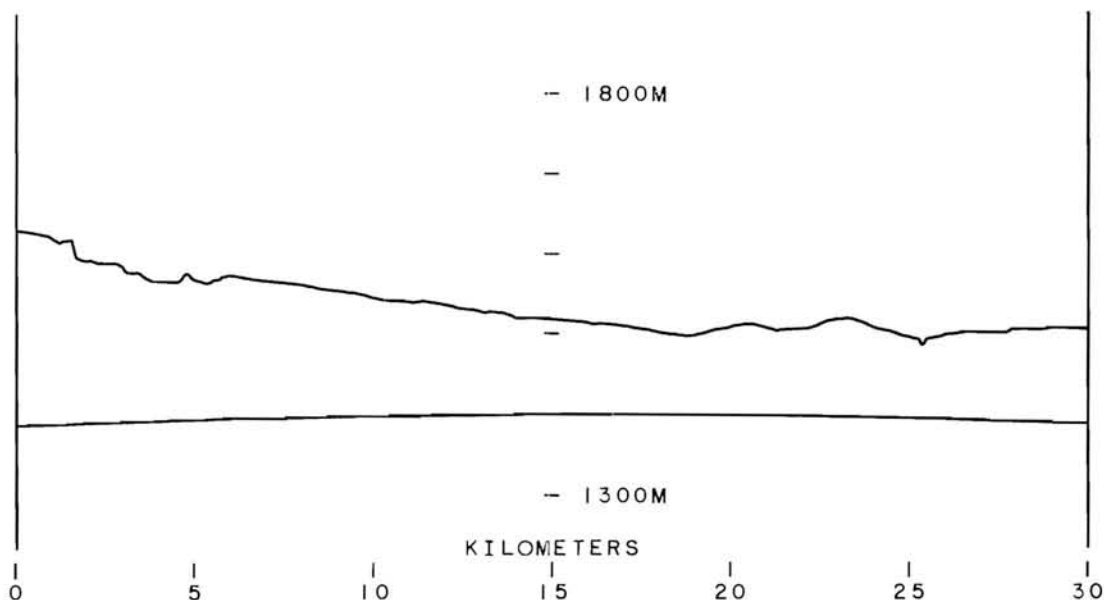
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-122.9	-0.6	-4.1	2.2	0.9	135.1	33.0
(PLNS, 30,100,V,V, P,6)	20.0	-117.9	-0.6	-2.4	2.2	0.9	131.8	29.7
(PLNS, 30,100,V,V, P,9)	20.0	-117.2	-0.6	-2.2	2.2	0.9	131.3	29.2
(PLNS, 30,100,V,V,AV,3)	20.0	-122.9	-0.6	-4.1	2.2	0.9	135.1	33.0
(PLNS, 30,100,V,V,AV,6)	20.0	-117.9	-0.6	-2.4	2.2	0.9	131.8	29.7
(PLNS, 30,100,V,V,AV,9)	20.0	-117.2	-0.6	-2.2	2.2	0.9	131.3	29.2
(PLNS, 30,100,V,V,AH,3)	20.0	-122.9	-0.6	-4.1	2.2	0.9	135.1	33.0
(PLNS, 30,100,V,V,AH,6)	20.0	-117.9	-0.6	-2.4	2.2	0.9	131.8	29.7
(PLNS, 30,100,V,V,AH,9)	20.0	-117.2	-0.6	-2.2	2.2	0.9	131.3	29.2
(PLNS, 30,100,H,V, P,3)	20.0	-135.8	1.8	-16.0	0.7	0.9	140.0	37.9
(PLNS, 30,100,H,V, P,6)	20.0	-141.9	1.8	-20.0	0.7	0.9	142.1	40.0
(PLNS, 30,100,H,V, P,9)	20.0	-140.0	1.8	-24.0	0.7	0.9	136.2	34.1
(PLNS, 30,100,H,V,AV,3)	20.0	-135.8	1.8	-16.0	0.7	0.9	140.0	37.9
(PLNS, 30,100,H,V,AV,6)	20.0	-141.9	1.8	-20.0	0.7	0.9	142.1	40.0
(PLNS, 30,100,H,V,AV,9)	20.0	-140.0	1.8	-24.0	0.7	0.9	136.2	34.1
(PLNS, 30,100,H,V,AH,3)	20.0	-135.8	1.8	-16.0	0.7	0.9	140.0	37.9
(PLNS, 30,100,H,V,AH,6)	20.0	-141.9	1.8	-20.0	0.7	0.9	142.1	40.0
(PLNS, 30,100,H,V,AH,9)	20.0	-140.0	1.8	-24.0	0.7	0.9	136.2	34.1
(PLNS, 30,100,V,H, P,3)	20.0	-135.4	-0.6	-17.7	2.2	0.9	134.0	31.9
(PLNS, 30,100,V,H, P,6)	20.0	-130.2	-0.6	-18.2	2.2	0.9	128.3	26.2
(PLNS, 30,100,V,H, P,9)	20.0	-127.2	-0.6	-16.7	2.2	0.9	126.8	24.7
(PLNS, 30,100,V,H,AV,3)	20.0	-135.4	-0.6	-17.7	2.2	0.9	134.0	31.9
(PLNS, 30,100,V,H,AV,6)	20.0	-130.2	-0.6	-18.2	2.2	0.9	128.3	26.2
(PLNS, 30,100,V,H,AV,9)	20.0	-127.2	-0.6	-16.7	2.2	0.9	126.8	24.7
(PLNS, 30,100,V,H,AH,3)	20.0	-135.4	-0.6	-17.7	2.2	0.9	134.0	31.9
(PLNS, 30,100,V,H,AH,6)	20.0	-130.2	-0.6	-18.2	2.2	0.9	128.3	26.2
(PLNS, 30,100,V,H,AH,9)	20.0	-127.2	-0.6	-16.7	2.2	0.9	126.8	24.7
(PLNS, 30,100,H,H, P,3)	20.0	-128.1	1.8	-0.1	0.7	0.9	148.2	46.1
(PLNS, 30,100,H,H, P,6)	20.0	-126.1	1.8	1.0	0.7	0.9	147.3	45.2
(PLNS, 30,100,H,H, P,9)	20.0	-126.1	1.8	0.6	0.7	0.9	146.9	44.8
(PLNS, 30,100,H,H,AV,3)	20.0	-128.1	1.8	-0.1	0.7	0.9	148.2	46.1
(PLNS, 30,100,H,H,AV,6)	20.0	-126.1	1.8	1.0	0.7	0.9	147.3	45.2
(PLNS, 30,100,H,H,AV,9)	20.0	-126.1	1.8	0.6	0.7	0.9	146.9	44.8
(PLNS, 30,100,H,H,AH,3)	20.0	-128.1	1.8	-0.1	0.7	0.9	148.2	46.1
(PLNS, 30,100,H,H,AH,6)	20.0	-126.1	1.8	1.0	0.7	0.9	147.3	45.2
(PLNS, 30,100,H,H,AH,9)	20.0	-126.1	1.8	0.6	0.7	0.9	146.9	44.8
(KLIR, 59,100,H,H, P,3)	*	*	*	*	*	*	*	*
(KLIR, 59,100,H,H, P,6)	*	*	*	*	*	*	*	*
(KLIR, 59,100,H,H, P,9)	*	*	*	*	*	*	*	*
(KLIR, 59,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(KLIR, 59,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(KLIR, 59,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(KLIR, 59,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(KLIR, 59,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(KLIR, 59,100,H,H,AH,9)	*	*	*	*	*	*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 10

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-114.4	-2.7	-2.6	0.1	-0.0	133.0	45.0
(PLNS, 30, 20,V,V,AV,3)	24.0	-114.7	-2.7	-2.6	0.1	-0.0	133.3	45.3
(PLNS, 30, 20,V,V,AH,3)	24.0	-114.4	-2.7	-2.6	0.1	-0.0	133.0	45.0
(PLNS, 30, 50,V,V, P,1)	17.0	-134.1	-0.5	4.8	1.2	0.2	154.0	58.0
(PLNS, 30, 50,V,V, P,3)	17.0	-134.1	-0.5	0.6	1.2	0.2	149.8	53.8
(PLNS, 30, 50,V,V,AV,1)	17.0	-137.0	-0.5	4.8	1.2	0.2	156.9	60.9
(PLNS, 30, 50,V,V,AV,3)	17.0	-141.4	-0.5	0.6	1.2	0.2	157.1	61.1
(PLNS, 30, 50,V,V,AH,1)	17.0	-134.1	-0.5	4.8	1.2	0.2	154.0	58.0
(PLNS, 30, 50,V,V,AH,3)	17.0	-134.1	-0.5	0.6	1.2	0.2	149.8	53.8



COLORADO PLAINS R= 30KM SITE 10

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
11-27-63	24.98	CLEAR	0%	47.5	68.2

HORIZON AT 9MI, CLEAR FOREGROUND. 3-WIRE HOME SUPPLY POWER LINE
 CROSSES ROAD IN BACK OF ANTENNA (DOWN PATH) 10FT FROM ANTENNA. POWER
 LINE 18FT HIGH.

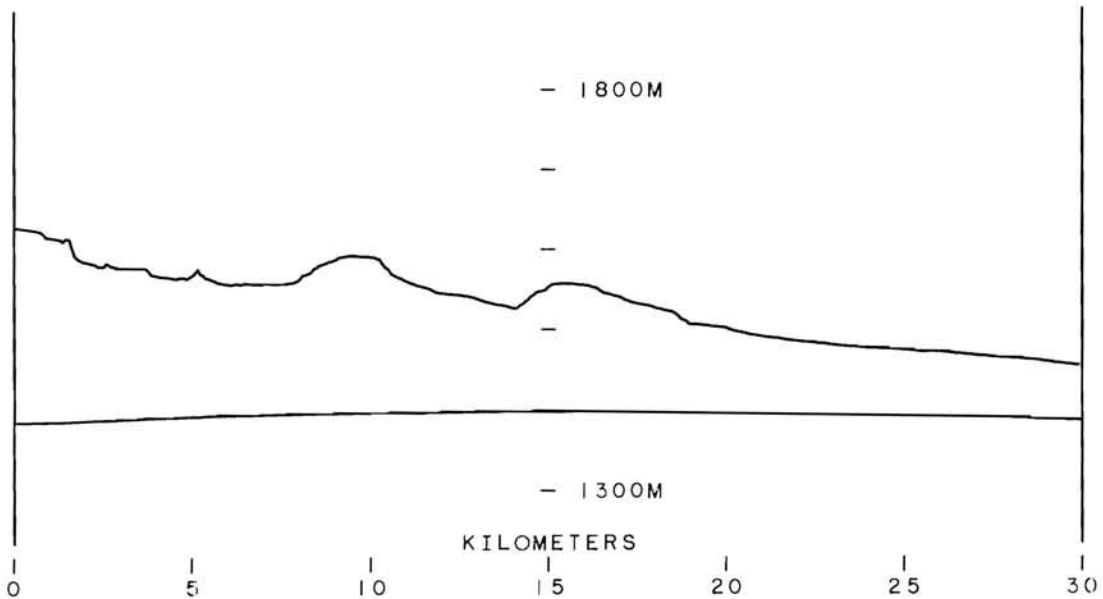
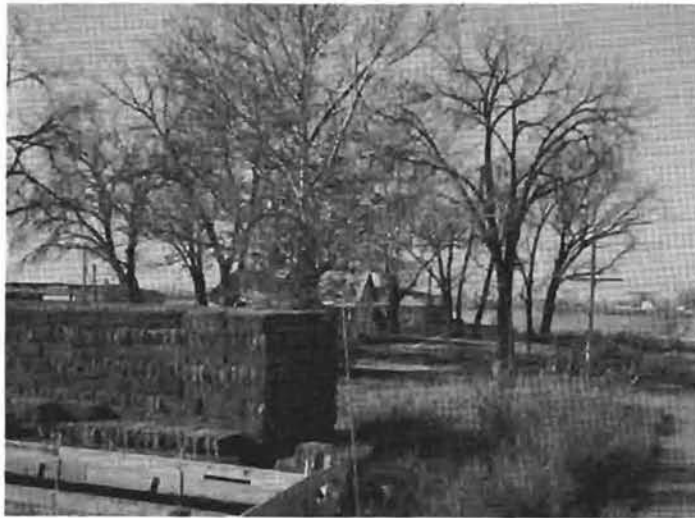
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-127.0	-0.5	-4.1	2.2	0.9	139.3	37.2
(PLNS, 30,100,V,V, P,6)	20.0	-122.2	-0.5	-4.4	2.2	0.9	134.2	32.1
(PLNS, 30,100,V,V, P,9)	20.0	-123.0	-0.5	-4.2	2.2	0.9	135.2	33.1
(PLNS, 30,100,V,V,AV,3)	20.0	-123.0	-0.5	-4.1	2.2	0.9	135.3	33.2
(PLNS, 30,100,V,V,AV,6)	20.0	-117.8	-0.5	-4.4	2.2	0.9	129.8	27.7
(PLNS, 30,100,V,V,AV,9)	20.0	-118.8	-0.5	-4.2	2.2	0.9	131.0	28.9
(PLNS, 30,100,V,V,AH,3)	20.0	-127.0	-0.5	-4.1	2.2	0.9	139.3	37.2
(PLNS, 30,100,V,V,AH,6)	20.0	-122.2	-0.5	-4.4	2.2	0.9	134.2	32.1
(PLNS, 30,100,V,V,AH,9)	20.0	-123.0	-0.5	-4.2	2.2	0.9	135.2	33.1
(PLNS, 30,100,H,V, P,3)	20.0	-140.3	1.8	-20.0	0.7	0.9	140.5	38.5
(PLNS, 30,100,H,V, P,6)	20.0	-141.7	1.8	-22.5	0.7	0.9	139.4	37.3
(PLNS, 30,100,H,V, P,9)	20.0	-135.4	1.8	-24.0	0.7	0.9	131.6	29.5
(PLNS, 30,100,H,V,AV,3)	20.0	-131.9	1.8	-20.0	0.7	0.9	132.1	30.0
(PLNS, 30,100,H,V,AV,6)	20.0	-132.7	1.8	-22.5	0.7	0.9	130.4	28.3
(PLNS, 30,100,H,V,AV,9)	20.0	-135.8	1.8	-24.0	0.7	0.9	132.0	29.9
(PLNS, 30,100,H,V,AH,3)	20.0	-140.3	1.8	-20.0	0.7	0.9	140.5	38.5
(PLNS, 30,100,H,V,AH,6)	20.0	-141.7	1.8	-22.5	0.7	0.9	139.4	37.3
(PLNS, 30,100,H,V,AH,9)	20.0	-135.4	1.8	-24.0	0.7	0.9	131.6	29.5
(PLNS, 30,100,V,H, P,3)	20.0	-136.9	-0.5	-17.8	2.2	0.9	135.5	33.4
(PLNS, 30,100,V,H, P,6)	20.0	-134.1	-0.5	-18.0	2.2	0.9	132.5	30.4
(PLNS, 30,100,V,H, P,9)	20.0	-136.9	-0.5	-16.6	2.2	0.9	136.7	34.6
(PLNS, 30,100,V,H,AV,3)	20.0	-135.8	-0.5	-17.8	2.2	0.9	134.4	32.3
(PLNS, 30,100,V,H,AV,6)	20.0	-131.0	-0.5	-18.0	2.2	0.9	129.4	27.3
(PLNS, 30,100,V,H,AV,9)	20.0	-130.8	-0.5	-16.6	2.2	0.9	130.6	28.5
(PLNS, 30,100,V,H,AH,3)	20.0	-136.9	-0.5	-17.8	2.2	0.9	135.5	33.4
(PLNS, 30,100,V,H,AH,6)	20.0	-134.1	-0.5	-18.0	2.2	0.9	132.5	30.4
(PLNS, 30,100,V,H,AH,9)	20.0	-136.9	-0.5	-16.6	2.2	0.9	136.7	34.6
(PLNS, 30,100,H,H, P,3)	20.0	-118.7	1.8	-0.2	0.7	0.9	138.7	36.6
(PLNS, 30,100,H,H, P,6)	20.0	-116.3	1.8	1.0	0.7	0.9	137.5	35.4
(PLNS, 30,100,H,H, P,9)	20.0	-111.9	1.8	0.6	0.7	0.9	132.7	30.6
(PLNS, 30,100,H,H,AV,3)	20.0	-124.3	1.8	-0.2	0.7	0.9	144.3	42.2
(PLNS, 30,100,H,H,AV,6)	20.0	-118.9	1.8	1.0	0.7	0.9	140.1	38.0
(PLNS, 30,100,H,H,AV,9)	20.0	-115.8	1.8	0.6	0.7	0.9	136.6	34.5
(PLNS, 30,100,H,H,AH,3)	20.0	-118.7	1.8	-0.2	0.7	0.9	138.7	36.6
(PLNS, 30,100,H,H,AH,6)	20.0	-116.3	1.8	1.0	0.7	0.9	137.5	35.4
(PLNS, 30,100,H,H,AH,9)	20.0	-111.9	1.8	0.6	0.7	0.9	132.7	30.6
(KLIR, 58,100,H,H, P,3)	42.2	-114.6		1.1		0.9	157.0	49.3
(KLIR, 58,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 58,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 58,100,H,H,AV,3)	42.2	-114.7		1.1		0.9	157.1	49.4
(KLIR, 58,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 58,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 58,100,H,H,AH,3)	42.2	-114.6		1.1		0.9	157.0	49.3
(KLIR, 58,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 58,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 11

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-117.0	-2.6	-2.3	0.1	-0.0	136.0	48.0
(PLNS, 30, 20,V,V,AV,3)	24.0	-115.1	-2.6	-2.3	0.1	-0.0	134.0	46.0
(PLNS, 30, 20,V,V,AH,3)	24.0	-115.4	-2.6	-2.3	0.1	-0.0	134.4	46.4
(PLNS, 30, 50,V,V, P,1)	17.0	-143.0	-1.0	5.2	1.2	0.2	162.8	66.8
(PLNS, 30, 50,V,V, P,3)	17.0	-143.0	-1.0	-0.2	1.2	0.2	157.4	61.4
(PLNS, 30, 50,V,V,AV,1)	17.0	-138.9	-1.0	5.2	1.2	0.2	158.7	62.7
(PLNS, 30, 50,V,V,AV,3)	17.0	-141.4	-1.0	-0.2	1.2	0.2	155.8	59.8
(PLNS, 30, 50,V,V,AH,1)	17.0	-134.7	-1.0	5.2	1.2	0.2	154.5	58.5
(PLNS, 30, 50,V,V,AH,3)	17.0	-137.0	-1.0	-0.2	1.2	0.2	151.4	55.4



COLORADO PLAINS R= 30KM SITE 11

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
11-30-63	25.60	CLEAR	0%	30.5	35.5

COTTONWOOD TREES, 65FT TALL, IN PATH 250FT FROM RECEIVER. OPEN GROUND BEYOND. 2 HOUSES IN PATH AT 250FT. 12-WIRE PHONE LINE EAST-WEST ON SOUTH SIDE OF ROAD, CROSSING TRANSMISSION PATH, 20FT HIGH. SITE IS NEXT TO FARM YARD. 4-WIRE POWER LINE ON NORTH SIDE OF ROAD, 25FT HIGH.

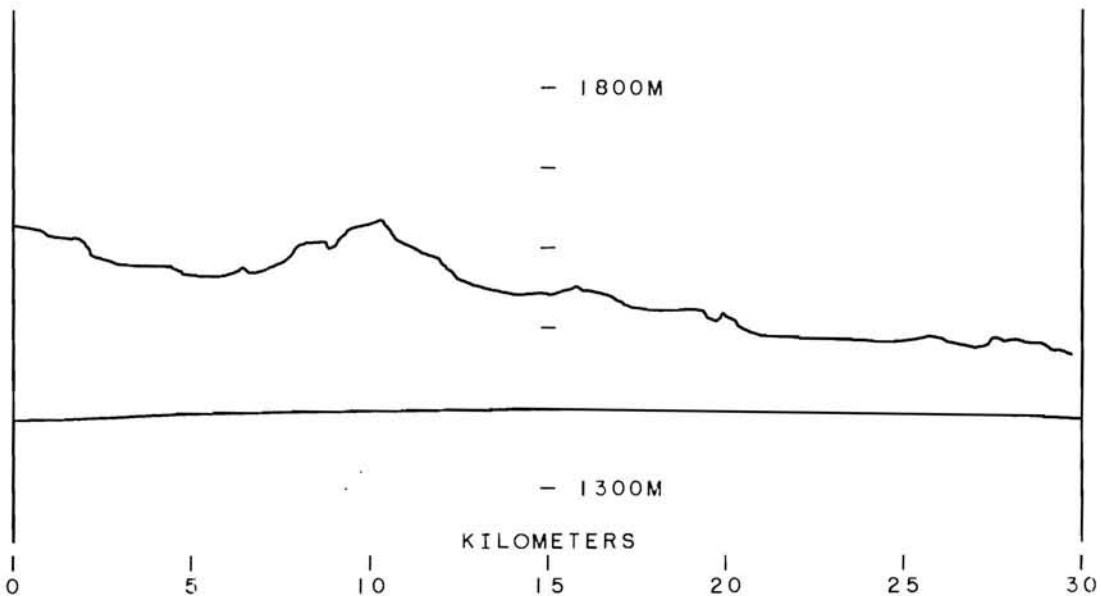
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-138.1	-0.5	-4.0	2.2	0.9	150.5	48.4
(PLNS, 30,100,V,V, P,6)	20.0	-134.6	-0.5	-2.4	2.2	0.9	148.6	46.5
(PLNS, 30,100,V,V, P,9)	20.0	-130.2	-0.5	-2.2	2.2	0.9	144.4	42.3
(PLNS, 30,100,V,V,AV,3)	20.0	-127.2	-0.5	-4.0	2.2	0.9	139.6	37.5
(PLNS, 30,100,V,V,AV,6)	20.0	-124.5	-0.5	-2.4	2.2	0.9	138.5	36.4
(PLNS, 30,100,V,V,AV,9)	20.0	-123.6	-0.5	-2.2	2.2	0.9	137.8	35.7
(PLNS, 30,100,V,V,AH,3)	20.0	-135.4	-0.5	-4.0	2.2	0.9	147.8	45.7
(PLNS, 30,100,V,V,AH,6)	20.0	-130.6	-0.5	-2.4	2.2	0.9	144.6	42.5
(PLNS, 30,100,V,V,AH,9)	20.0	-128.2	-0.5	-2.2	2.2	0.9	142.4	40.3
(PLNS, 30,100,H,V, P,3)	20.0	-136.6	1.8	-24.0	0.7	0.9	132.8	30.7
(PLNS, 30,100,H,V, P,6)	20.0	-135.3	1.8	-25.2	0.7	0.9	130.3	28.3
(PLNS, 30,100,H,V, P,9)	20.0	-138.9	1.8	-21.8	0.7	0.9	137.3	35.2
(PLNS, 30,100,H,V,AV,3)	20.0	-137.9	1.8	-24.0	0.7	0.9	134.1	32.0
(PLNS, 30,100,H,V,AV,6)	20.0	-135.9	1.8	-25.2	0.7	0.9	130.9	28.8
(PLNS, 30,100,H,V,AV,9)	20.0	-138.0	1.8	-21.8	0.7	0.9	136.4	34.3
(PLNS, 30,100,H,V,AH,3)	20.0	-143.4	1.8	-24.0	0.7	0.9	139.6	37.5
(PLNS, 30,100,H,V,AH,6)	20.0	-140.2	1.8	-25.2	0.7	0.9	135.2	33.1
(PLNS, 30,100,H,V,AH,9)	20.0	-138.8	1.8	-21.8	0.7	0.9	137.2	35.1
(PLNS, 30,100,V,H, P,3)	20.0	-135.4	-0.5	-18.1	2.2	0.9	133.7	31.6
(PLNS, 30,100,V,H, P,6)	20.0	-129.4	-0.5	-16.8	2.2	0.9	129.0	26.9
(PLNS, 30,100,V,H, P,9)	20.0	-142.0	-0.5	-16.2	2.2	0.9	142.2	40.1
(PLNS, 30,100,V,H,AV,3)	20.0	-141.4	-0.5	-18.1	2.2	0.9	139.7	37.6
(PLNS, 30,100,V,H,AV,6)	20.0	-133.0	-0.5	-16.8	2.2	0.9	132.6	30.5
(PLNS, 30,100,V,H,AV,9)	20.0	-128.7	-0.5	-16.2	2.2	0.9	128.9	26.8
(PLNS, 30,100,V,H,AH,3)	20.0	-132.7	-0.5	-18.1	2.2	0.9	131.0	28.9
(PLNS, 30,100,V,H,AH,6)	20.0	-127.5	-0.5	-16.8	2.2	0.9	127.1	25.0
(PLNS, 30,100,V,H,AH,9)	20.0	-128.7	-0.5	-16.2	2.2	0.9	128.9	26.8
(PLNS, 30,100,H,H, P,3)	20.0	-138.2	1.8	-0.2	0.7	0.9	158.2	56.1
(PLNS, 30,100,H,H, P,6)	20.0	-129.8	1.8	1.0	0.7	0.9	151.0	48.9
(PLNS, 30,100,H,H, P,9)	20.0	-123.6	1.8	0.6	0.7	0.9	144.4	42.3
(PLNS, 30,100,H,H,AV,3)	20.0	-130.8	1.8	-0.2	0.7	0.9	150.8	48.7
(PLNS, 30,100,H,H,AV,6)	20.0	-128.4	1.8	1.0	0.7	0.9	149.6	47.5
(PLNS, 30,100,H,H,AV,9)	20.0	-121.7	1.8	0.6	0.7	0.9	142.5	40.4
(PLNS, 30,100,H,H,AH,3)	20.0	-126.4	1.8	-0.2	0.7	0.9	146.4	44.3
(PLNS, 30,100,H,H,AH,6)	20.0	-125.9	1.8	1.0	0.7	0.9	147.1	45.0
(PLNS, 30,100,H,H,AH,9)	20.0	-123.6	1.8	0.6	0.7	0.9	144.4	42.3
(KLIR, 55,100,H,H, P,3)	42.2	-121.4		1.2		0.9	163.9	56.6
(KLIR, 55,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 55,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 55,100,H,H,AV,3)	42.2	-124.1		1.2		0.9	166.6	59.3
(KLIR, 55,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 55,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 55,100,H,H,AH,3)	42.2	-121.2		1.2		0.9	163.7	56.4
(KLIR, 55,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 55,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 12

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-116.9	-2.6	-2.2	0.1	-0.0	136.0	48.0
(PLNS, 30, 20,V,V,AV,3)	24.0	-116.9	-2.6	-2.2	0.1	-0.0	136.0	48.0
(PLNS, 30, 20,V,V,AH,3)	24.0	-116.9	-2.6	-2.2	0.1	-0.0	136.0	48.0
(PLNS, 30, 50,V,V, P,1)	17.0	-141.4	-1.2	5.4	1.2	0.2	161.2	65.2
(PLNS, 30, 50,V,V, P,3)	17.0	-138.9	-1.2	-0.4	1.2	0.2	152.9	56.9
(PLNS, 30, 50,V,V,AV,1)	17.0	-141.4	-1.2	5.4	1.2	0.2	161.2	65.2
(PLNS, 30, 50,V,V,AV,3)	17.0	-138.9	-1.2	-0.4	1.2	0.2	152.9	56.9
(PLNS, 30, 50,V,V,AH,1)	17.0	-145.0	-1.2	5.4	1.2	0.2	164.7	68.8
(PLNS, 30, 50,V,V,AH,3)	17.0	-147.5	-1.2	-0.4	1.2	0.2	161.4	65.5



COLORADO PLAINS B= 30KM SITE 12

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
11-29-63	25.26	HI CIRRUS	***	32.0	26.5

FEW SCATTERED TREES AT 2 1/2MI, OTHERWISE CLEAR TO HORIZON AT 8MI.

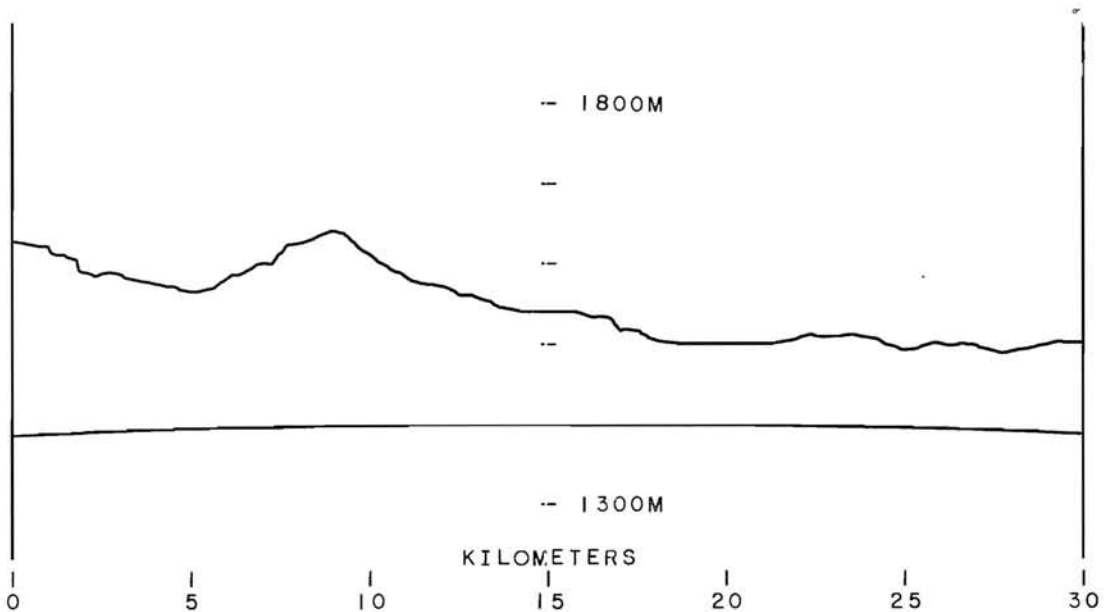
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-117.2	-0.5	-0.4	2.2	0.9	133.2	31.1
(PLNS, 30,100,V,V, P,6)	20.0	-117.2	-0.5	-2.3	2.2	0.9	131.3	29.2
(PLNS, 30,100,V,V, P,9)	20.0	-117.2	-0.5	-2.2	2.2	0.9	131.4	29.3
(PLNS, 30,100,V,V,AV,3)	20.0	-117.2	-0.5	-0.4	2.2	0.9	133.2	31.1
(PLNS, 30,100,V,V,AV,6)	20.0	-117.2	-0.5	-2.3	2.2	0.9	131.3	29.2
(PLNS, 30,100,V,V,AV,9)	20.0	-117.2	-0.5	-2.2	2.2	0.9	131.4	29.3
(PLNS, 30,100,V,V,AH,3)	20.0	-117.2	-0.5	-0.4	2.2	0.9	133.2	31.1
(PLNS, 30,100,V,V,AH,6)	20.0	-117.2	-0.5	-2.3	2.2	0.9	131.3	29.2
(PLNS, 30,100,V,V,AH,9)	20.0	-117.2	-0.5	-2.2	2.2	0.9	131.4	29.3
(PLNS, 30,100,H,V, P,3)	20.0	-118.9	1.8	-24.4	0.7	0.9	114.7	12.6
(PLNS, 30,100,H,V, P,6)	20.0	-118.9	1.8	-24.4	0.7	0.9	114.7	12.6
(PLNS, 30,100,H,V, P,9)	20.0	-118.9	1.8	-21.0	0.7	0.9	118.1	16.0
(PLNS, 30,100,H,V,AV,3)	20.0	-118.9	1.8	-24.4	0.7	0.9	114.7	12.6
(PLNS, 30,100,H,V,AV,6)	20.0	-118.9	1.8	-24.4	0.7	0.9	114.7	12.6
(PLNS, 30,100,H,V,AV,9)	20.0	-118.9	1.8	-21.0	0.7	0.9	118.1	16.0
(PLNS, 30,100,H,V,AH,3)	20.0	-118.9	1.8	-24.4	0.7	0.9	114.7	12.6
(PLNS, 30,100,H,V,AH,6)	20.0	-118.9	1.8	-24.4	0.7	0.9	114.7	12.6
(PLNS, 30,100,H,V,AH,9)	20.0	-118.9	1.8	-21.0	0.7	0.9	118.1	16.0
(PLNS, 30,100,V,H, P,3)	20.0	-117.9	-0.5	-18.2	2.2	0.9	116.1	14.0
(PLNS, 30,100,V,H, P,6)	20.0	-122.7	-0.5	-16.2	2.2	0.9	122.9	20.8
(PLNS, 30,100,V,H, P,9)	20.0	-118.7	-0.5	-16.1	2.2	0.9	119.0	16.9
(PLNS, 30,100,V,H,AV,3)	20.0	-117.9	-0.5	-18.2	2.2	0.9	116.1	14.0
(PLNS, 30,100,V,H,AV,6)	20.0	-122.7	-0.5	-16.2	2.2	0.9	122.9	20.8
(PLNS, 30,100,V,H,AV,9)	20.0	-118.7	-0.5	-16.1	2.2	0.9	119.0	16.9
(PLNS, 30,100,V,H,AH,3)	20.0	-117.9	-0.5	-18.2	2.2	0.9	116.1	14.0
(PLNS, 30,100,V,H,AH,6)	20.0	-122.7	-0.5	-16.2	2.2	0.9	122.9	20.8
(PLNS, 30,100,V,H,AH,9)	20.0	-118.7	-0.5	-16.1	2.2	0.9	119.0	16.9
(PLNS, 30,100,H,H, P,3)	20.0	-121.3	1.8	-0.2	0.7	0.9	141.3	39.2
(PLNS, 30,100,H,H, P,6)	20.0	-116.8	1.8	1.1	0.7	0.9	138.1	36.0
(PLNS, 30,100,H,H, P,9)	20.0	-113.8	1.8	0.7	0.7	0.9	134.7	32.6
(PLNS, 30,100,H,H,AV,3)	20.0	-121.3	1.8	-0.2	0.7	0.9	141.3	39.2
(PLNS, 30,100,H,H,AV,6)	20.0	-116.8	1.8	1.1	0.7	0.9	138.1	36.0
(PLNS, 30,100,H,H,AV,9)	20.0	-113.8	1.8	0.7	0.7	0.9	134.7	32.6
(PLNS, 30,100,H,H,AH,3)	20.0	-121.3	1.8	-0.2	0.7	0.9	141.3	39.2
(PLNS, 30,100,H,H,AH,6)	20.0	-116.8	1.8	1.1	0.7	0.9	138.1	36.0
(PLNS, 30,100,H,H,AH,9)	20.0	-113.8	1.8	0.7	0.7	0.9	134.7	32.6
(KLIR, 54,100,H,H, P,3)	42.2	-109.4		1.2		0.9	151.9	44.8
(KLIR, 54,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 54,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 54,100,H,H,AV,3)	42.2	-109.4		1.2		0.9	151.9	44.8
(KLIR, 54,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 54,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 54,100,H,H,AH,3)	42.2	-109.4		1.2		0.9	151.9	44.8
(KLIR, 54,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 54,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 13

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-111.7	-1.9	-5.5	0.1	-0.0	128.1	40.1
(PLNS, 30, 20,V,V,AV,3)	24.0	-114.1	-1.9	-2.0	0.1	-0.0	134.1	46.1
(PLNS, 30, 20,V,V,AH,3)	24.0	-114.1	-1.9	-2.0	0.1	-0.0	134.1	46.1
(PLNS, 30, 50,V,V, P,1)	17.0	-141.4	-1.8	-1.7	1.2	0.2	153.5	57.5
(PLNS, 30, 50,V,V, P,3)	17.0	-135.4	-1.8	2.4	1.2	0.2	151.6	55.6
(PLNS, 30, 50,V,V,AV,1)	17.0	-137.9	-1.8	5.6	1.2	0.2	157.3	61.3
(PLNS, 30, 50,V,V,AV,3)	17.0	-133.5	-1.8	-0.8	1.2	0.2	146.5	50.5
(PLNS, 30, 50,V,V,AH,1)	17.0	-137.9	-1.8	5.6	1.2	0.2	157.3	61.3
(PLNS, 30, 50,V,V,AH,3)	17.0	-133.5	-1.8	-0.8	1.2	0.2	146.5	50.5



COLORADO PLAINS B= 30KM SITE 13

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE 01-16-64 BAROMETRIC PRESSURE 25.02 CLOUD TYPE HI CIRRUS COVER PERCENT 10% ASSMAN WET 42.0 DRY 54.0

SMALL FARMHOUSE AND SILO AT NE CORNER OF INTERSECTION, 150FT AWAY.
FARMHOUSE AND TREES 1/4MI TO WEST.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-133.5	-0.6	-0.3	2.2	0.9	149.5	47.4
(PLNS, 30,100,V,V, P,6)	20.0	-129.4	-0.6	-1.4	2.2	0.9	144.3	42.2
(PLNS, 30,100,V,V, P,9)	20.0	-126.9	-0.6	-1.5	2.2	0.9	141.7	39.6
(PLNS, 30,100,V,V,AV,3)	20.0	-121.3	-0.6	-3.7	2.2	0.9	133.9	31.8
(PLNS, 30,100,V,V,AV,6)	20.0	-116.7	-0.6	-2.2	2.2	0.9	130.8	28.8
(PLNS, 30,100,V,V,AV,9)	20.0	-112.9	-0.6	-2.2	2.2	0.9	127.0	24.9
(PLNS, 30,100,V,V,AH,3)	20.0	-121.3	-0.6	-3.7	2.2	0.9	133.9	31.8
(PLNS, 30,100,V,V,AH,6)	20.0	-116.7	-0.6	-2.2	2.2	0.9	130.8	28.8
(PLNS, 30,100,V,V,AH,9)	20.0	-112.9	-0.6	-2.2	2.2	0.9	127.0	24.9
(PLNS, 30,100,H,V, P,3)	20.0	-138.4	1.8	-11.6	0.7	0.9	147.0	44.9
(PLNS, 30,100,H,V, P,6)	20.0	-138.4	1.8	-9.7	0.7	0.9	148.9	46.8
(PLNS, 30,100,H,V, P,9)	20.0	-138.4	1.8	-13.1	0.7	0.9	145.5	43.4
(PLNS, 30,100,H,V,AV,3)	20.0	-127.2	1.8	-21.8	0.7	0.9	125.6	23.5
(PLNS, 30,100,H,V,AV,6)	20.0	-125.2	1.8	-20.3	0.7	0.9	125.1	23.0
(PLNS, 30,100,H,V,AV,9)	20.0	-124.1	1.8	-19.3	0.7	0.9	125.0	22.9
(PLNS, 30,100,H,V,AH,3)	20.0	-127.2	1.8	-21.8	0.7	0.9	125.6	23.5
(PLNS, 30,100,H,V,AH,6)	20.0	-125.2	1.8	-20.3	0.7	0.9	125.1	23.0
(PLNS, 30,100,H,V,AH,9)	20.0	-124.1	1.8	-19.3	0.7	0.9	125.0	22.9
(PLNS, 30,100,V,H, P,3)	20.0	-134.7	-0.6	-16.6	2.2	0.9	134.4	32.3
(PLNS, 30,100,V,H, P,6)	20.0	-134.7	-0.6	-18.0	2.2	0.9	133.0	30.9
(PLNS, 30,100,V,H, P,9)	20.0	-134.7	-0.6	-17.2	2.2	0.9	133.8	31.7
(PLNS, 30,100,V,H,AV,3)	20.0	-127.5	-0.6	-18.8	2.2	0.9	125.0	22.9
(PLNS, 30,100,V,H,AV,6)	20.0	-124.1	-0.6	-15.3	2.2	0.9	125.1	23.0
(PLNS, 30,100,V,H,AV,9)	20.0	-120.9	-0.6	-15.8	2.2	0.9	121.4	19.3
(PLNS, 30,100,V,H,AH,3)	20.0	-127.5	-0.6	-18.8	2.2	0.9	125.0	22.9
(PLNS, 30,100,V,H,AH,6)	20.0	-124.1	-0.6	-15.3	2.2	0.9	125.1	23.0
(PLNS, 30,100,V,H,AH,9)	20.0	-120.9	-0.6	-15.8	2.2	0.9	121.4	19.3
(PLNS, 30,100,H,H, P,3)	20.0	-126.9	1.8	1.2	0.7	0.9	148.3	46.2
(PLNS, 30,100,H,H, P,6)	20.0	-117.9	1.8	1.7	0.7	0.9	139.8	37.7
(PLNS, 30,100,H,H, P,9)	20.0	-112.9	1.8	1.2	0.7	0.9	134.3	32.2
(PLNS, 30,100,H,H,AV,3)	20.0	-114.1	1.8	-0.3	0.7	0.9	134.0	31.9
(PLNS, 30,100,H,H,AV,6)	20.0	-111.4	1.8	1.3	0.7	0.9	132.9	30.8
(PLNS, 30,100,H,H,AV,9)	20.0	-109.4	1.8	0.8	0.7	0.9	130.4	28.3
(PLNS, 30,100,H,H,AH,3)	20.0	-114.1	1.8	-0.3	0.7	0.9	134.0	31.9
(PLNS, 30,100,H,H,AH,6)	20.0	-111.4	1.8	1.3	0.7	0.9	132.9	30.8
(PLNS, 30,100,H,H,AH,9)	20.0	-109.4	1.8	0.8	0.7	0.9	130.4	28.3
(KLIR, 51,100,H,H, P,3)	42.2	-109.4	*	-1.3	*	0.9	149.4	42.8
(KLIR, 51,100,H,H, P,6)	*	*	*	*	*	*	*	*
(KLIR, 51,100,H,H, P,9)	*	*	*	*	*	*	*	*
(KLIR, 51,100,H,H,AV,3)	42.2	-107.5	*	1.2	0.9	0.9	150.0	43.4
(KLIR, 51,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(KLIR, 51,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(KLIR, 51,100,H,H,AH,3)	42.2	-107.5	*	1.2	0.9	0.9	150.0	43.4
(KLIR, 51,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(KLIR, 51,100,H,H,AH,9)	*	*	*	*	*	*	*	*

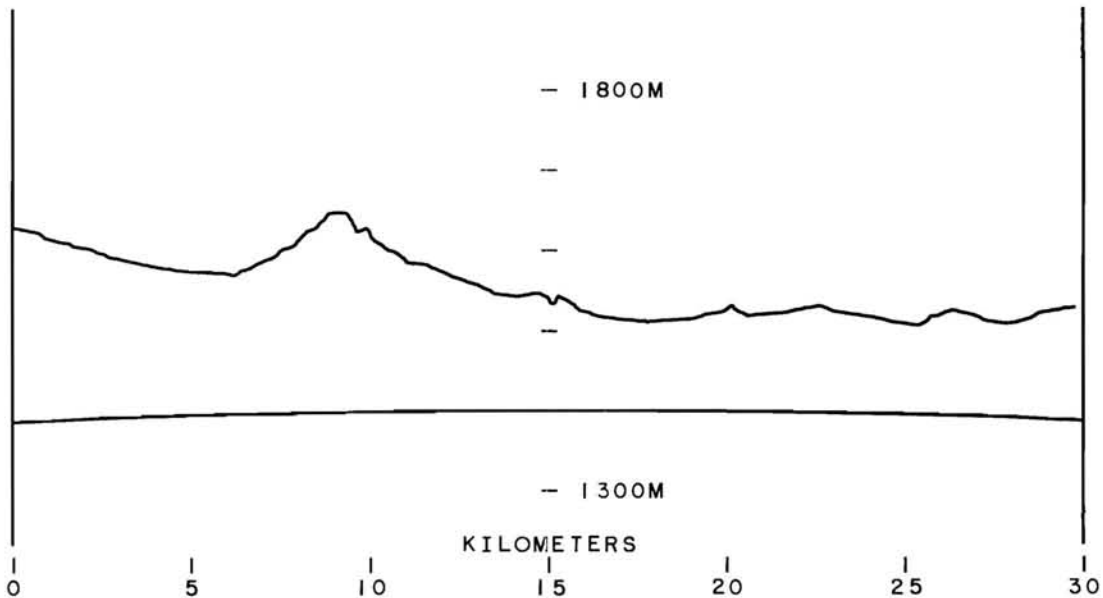
* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 14

DATE 12-11-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-127.0	-1.3	-2.0	0.1	-0.0	147.6	59.6
(PLNS, 30, 20,V,V,AV,3)	24.0	-116.2	-1.3	-2.0	0.1	-0.0	136.8	48.8
(PLNS, 30, 20,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 30, 50,V,V, P,1)	24.0	-128.2	-2.0	5.7	1.2	0.2	154.5	58.5
(PLNS, 30, 50,V,V, P,3)	24.0	-134.8	-2.0	0.9	1.2	0.2	156.3	60.3
(PLNS, 30, 50,V,V,AV,1)	24.0	-128.3	-2.0	5.7	1.2	0.2	154.6	58.6
(PLNS, 30, 50,V,V,AV,3)	24.0	-116.5	-2.0	0.9	1.2	0.2	138.0	42.0
(PLNS, 30, 50,V,V,AH,1)	*	*	*	*	*	*	*	*
(PLNS, 30, 50,V,V,AH,3)	*	*	*	*	*	*	*	*

* NO MEASUREMENT ATTEMPTED



COLORADO PLAINS R= 30KM SITE 14

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
01-16-64	PRESSURE	TYPE	PERCENT	WET	DRY
	24.85	CIRROCUMULUS	90%	41.0	57.0

TREES FROM EAST TO NORTH IN 100FT FOREGROUND, DEPTH SCATTERED TO 500FT FARMHOUSE AND BUILDINGS TO NE, 200 TO 300FT. OPEN COUNTRY TO SOUTH, SCATTERED TREES TO WEST ALONG ROAD, OPEN COUNTRY NW. 2 POWER LINES ON NORTH SIDE OF ROAD.

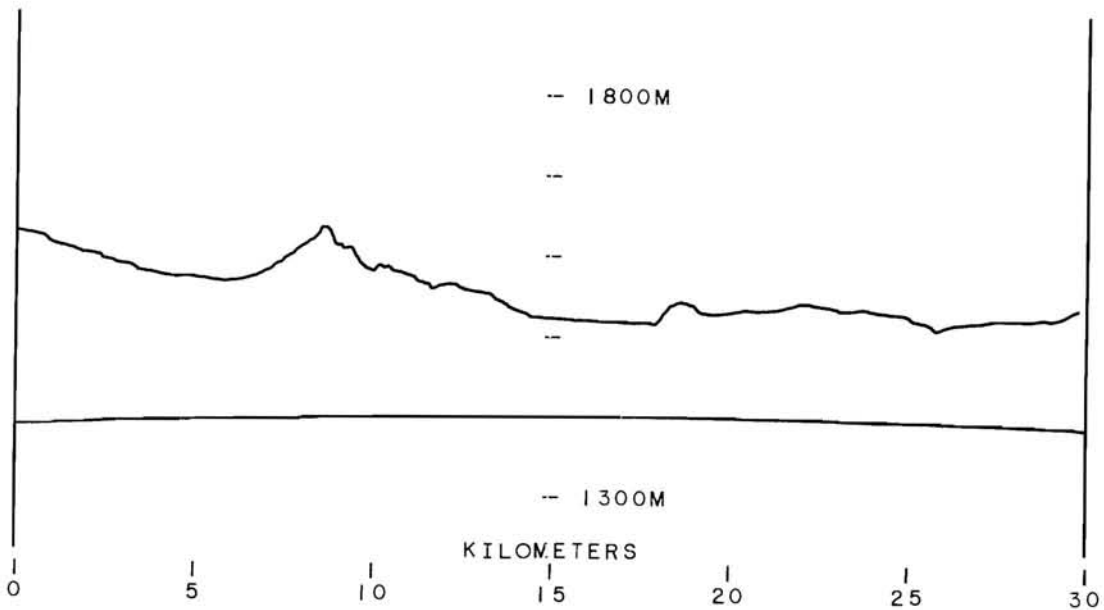
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-123.7	-0.6	-3.4	2.2	0.9	136.6	34.6
(PLNS, 30,100,V,V, P,6)	20.0	-117.9	-0.6	-2.1	2.2	0.9	132.1	30.0
(PLNS, 30,100,V,V, P,9)	20.0	-115.8	-0.6	-2.2	2.2	0.9	129.9	27.8
(PLNS, 30,100,V,V,AV,3)	20.0	-112.9	-0.6	-3.4	2.2	0.9	125.8	23.7
(PLNS, 30,100,V,V,AV,6)	20.0	-109.4	-0.6	-2.1	2.2	0.9	123.6	21.5
(PLNS, 30,100,V,V,AV,9)	20.0	-106.9	-0.6	-2.2	2.2	0.9	121.0	18.9
(PLNS, 30,100,V,V,AH,3)	20.0	-123.7	-0.6	0.8	2.2	0.9	140.8	38.8
(PLNS, 30,100,V,V,AH,6)	20.0	-117.9	-0.6	-0.4	2.2	0.9	133.8	31.7
(PLNS, 30,100,V,V,AH,9)	20.0	-115.8	-0.6	-1.2	2.2	0.9	130.9	28.8
(PLNS, 30,100,H,V, P,3)	20.0	-120.2	1.8	-19.5	0.7	0.9	120.9	18.8
(PLNS, 30,100,H,V, P,6)	20.0	-131.0	1.8	-18.5	0.7	0.9	132.7	30.6
(PLNS, 30,100,H,V, P,9)	20.0	-127.5	1.8	-18.2	0.7	0.9	129.5	27.4
(PLNS, 30,100,H,V,AV,3)	20.0	-120.6	1.8	-19.5	0.7	0.9	121.3	19.2
(PLNS, 30,100,H,V,AV,6)	20.0	-120.6	1.8	-18.5	0.7	0.9	122.3	20.2
(PLNS, 30,100,H,V,AV,9)	20.0	-119.5	1.8	-18.2	0.7	0.9	121.5	19.4
(PLNS, 30,100,H,V,AH,3)	20.0	-120.2	1.8	-16.5	0.7	0.9	123.9	21.8
(PLNS, 30,100,H,V,AH,6)	20.0	-131.0	1.8	-14.8	0.7	0.9	136.4	34.3
(PLNS, 30,100,H,V,AH,9)	20.0	-127.5	1.8	-18.0	0.7	0.9	129.7	27.6
(PLNS, 30,100,V,H, P,3)	20.0	-127.5	-0.6	-19.3	2.2	0.9	124.5	22.4
(PLNS, 30,100,V,H, P,6)	20.0	-120.7	-0.6	-15.3	2.2	0.9	121.7	19.6
(PLNS, 30,100,V,H, P,9)	20.0	-117.0	-0.6	-15.7	2.2	0.9	117.6	15.5
(PLNS, 30,100,V,H,AV,3)	20.0	-126.1	-0.6	-19.3	2.2	0.9	123.1	21.0
(PLNS, 30,100,V,H,AV,6)	20.0	-121.4	-0.6	-15.3	2.2	0.9	122.4	20.3
(PLNS, 30,100,V,H,AV,9)	20.0	-118.9	-0.6	-15.7	2.2	0.9	119.5	17.4
(PLNS, 30,100,V,H,AH,3)	20.0	-127.5	-0.6	-20.2	2.2	0.9	123.6	21.5
(PLNS, 30,100,V,H,AH,6)	20.0	-120.7	-0.6	-15.8	2.2	0.9	121.2	19.1
(PLNS, 30,100,V,H,AH,9)	20.0	-117.0	-0.6	-16.3	2.2	0.9	117.0	14.9
(PLNS, 30,100,H,H, P,3)	20.0	-111.9	1.8	-0.3	0.7	0.9	131.8	29.7
(PLNS, 30,100,H,H, P,6)	20.0	-108.4	1.8	1.5	0.7	0.9	130.1	28.0
(PLNS, 30,100,H,H, P,9)	20.0	-102.2	1.8	1.0	0.7	0.9	123.4	21.3
(PLNS, 30,100,H,H,AV,3)	20.0	-123.7	1.8	-0.3	0.7	0.9	143.6	41.6
(PLNS, 30,100,H,H,AV,6)	20.0	-117.0	1.8	1.5	0.7	0.9	138.7	36.6
(PLNS, 30,100,H,H,AV,9)	20.0	-107.8	1.8	1.0	0.7	0.9	129.0	26.9
(PLNS, 30,100,H,H,AH,3)	20.0	-111.9	1.8	0.2	0.7	0.9	132.3	30.2
(PLNS, 30,100,H,H,AH,6)	20.0	-108.4	1.8	1.6	0.7	0.9	130.2	28.1
(PLNS, 30,100,H,H,AH,9)	20.0	-102.2	1.8	1.3	0.7	0.9	123.7	21.6
(KLIR, 48,100,H,H, P,3)	42.2	-101.2		1.2		0.9	143.7	37.6
(KLIR, 48,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 48,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 48,100,H,H,AV,3)	42.2	-101.4		1.2		0.9	143.9	37.9
(KLIR, 48,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 48,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 48,100,H,H,AH,3)	42.2	-101.2		0.4		0.9	142.9	36.8
(KLIR, 48,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 48,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 30KM SITE 15

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-109.0	-1.1	-1.9	0.1	-0.0	129.9	41.9
(PLNS, 30, 20,V,V,AV,3)	24.0	-109.0	-1.1	-1.9	0.1	-0.0	129.9	41.9
(PLNS, 30, 20,V,V,AH,3)	24.0	-109.0	-1.1	-1.9	0.1	-0.0	129.9	41.9
(PLNS, 30, 50,V,V, P,1)	17.0	-132.9	-2.1	4.7	1.2	0.2	151.1	55.1
(PLNS, 30, 50,V,V, P,3)	17.0	-135.4	-2.1	-1.8	1.2	0.2	147.1	51.1
(PLNS, 30, 50,V,V,AV,1)	17.0	-129.0	-2.1	4.7	1.2	0.2	147.2	51.2
(PLNS, 30, 50,V,V,AV,3)	17.0	-134.1	-2.1	-1.8	1.2	0.2	145.8	49.8
(PLNS, 30, 50,V,V,AH,1)	17.0	-132.9	-2.1	4.7	1.2	0.2	151.1	55.1
(PLNS, 30, 50,V,V,AH,3)	17.0	-135.4	-2.1	-1.8	1.2	0.2	147.1	51.1



COLORADO PLAINS R= 30KM SITF 15

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
02-05-64	24.57	H9	40%	37.8	52.2

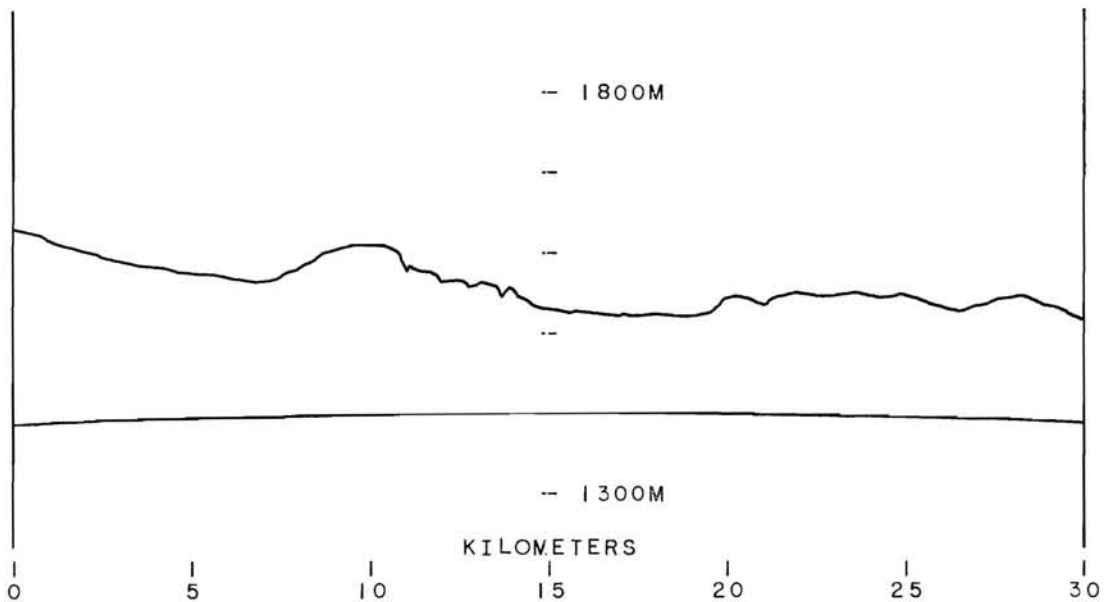
ROAD IS TRANSMITTER PATH, NO OBSTRUCTIONS TO HORIZON. HORIZON IS 10MI AWAY, AND WITHOUT TREES. 8-WIRE POWER LINE ON NORTH SIDE (60FT NORTH) 25 TO 35FT HIGH. 16-WIRE PHONE LINE 30FT ON SOUTH SIDE OF ROAD, AT 3 METER ANTENNA HEIGHT.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-133.5	-0.7	-1.7	2.2	0.9	148.0	45.9
(PLNS, 30,100,V,V, P,6)	20.0	-128.5	-0.7	-1.7	2.2	0.9	143.0	40.9
(PLNS, 30,100,V,V, P,9)	20.0	-125.5	-0.7	-2.1	2.2	0.9	139.6	37.5
(PLNS, 30,100,V,V,AV,3)	20.0	-120.1	-0.7	-1.7	2.2	0.9	134.6	32.5
(PLNS, 30,100,V,V,AV,6)	20.0	-115.1	-0.7	-1.7	2.2	0.9	129.6	27.5
(PLNS, 30,100,V,V,AV,9)	20.0	-111.8	-0.7	-2.1	2.2	0.9	125.9	23.8
(PLNS, 30,100,V,V,AH,3)	20.0	-133.5	-0.7	-1.7	2.2	0.9	148.0	45.9
(PLNS, 30,100,V,V,AH,6)	20.0	-128.5	-0.7	-1.7	2.2	0.9	143.0	40.9
(PLNS, 30,100,V,V,AH,9)	20.0	-125.5	-0.7	-2.1	2.2	0.9	139.6	37.5
(PLNS, 30,100,H,V, P,3)	20.0	-133.5	1.7	-16.2	0.7	0.9	137.4	35.3
(PLNS, 30,100,H,V, P,6)	20.0	-130.2	1.7	-14.5	0.7	0.9	135.8	33.7
(PLNS, 30,100,H,V, P,9)	20.0	-129.4	1.7	-16.0	0.7	0.9	133.5	31.4
(PLNS, 30,100,H,V,AV,3)	20.0	-145.9	1.7	-16.2	0.7	0.9	149.8	47.7
(PLNS, 30,100,H,V,AV,6)	20.0	-140.3	1.7	-14.5	0.7	0.9	145.9	43.9
(PLNS, 30,100,H,V,AV,9)	20.0	-136.7	1.7	-16.0	0.7	0.9	140.8	38.8
(PLNS, 30,100,H,V,AH,3)	20.0	-133.5	1.7	-16.2	0.7	0.9	137.4	35.3
(PLNS, 30,100,H,V,AH,6)	20.0	-130.2	1.7	-14.5	0.7	0.9	135.8	33.7
(PLNS, 30,100,H,V,AH,9)	20.0	-129.4	1.7	-16.0	0.7	0.9	133.5	31.4
(PLNS, 30,100,V,H, P,3)	20.0	-146.4	-0.7	-21.0	2.2	0.9	141.6	39.5
(PLNS, 30,100,V,H, P,6)	20.0	-135.4	-0.7	-16.8	2.2	0.9	134.8	32.7
(PLNS, 30,100,V,H, P,9)	20.0	-126.6	-0.7	-15.8	2.2	0.9	127.0	24.9
(PLNS, 30,100,V,H,AV,3)	20.0	-136.7	-0.7	-21.0	2.2	0.9	131.9	29.9
(PLNS, 30,100,V,H,AV,6)	20.0	-124.1	-0.7	-16.8	2.2	0.9	123.5	21.4
(PLNS, 30,100,V,H,AV,9)	20.0	-122.2	-0.7	-15.8	2.2	0.9	122.6	20.5
(PLNS, 30,100,V,H,AH,3)	20.0	-146.4	-0.7	-21.0	2.2	0.9	141.6	39.5
(PLNS, 30,100,V,H,AH,6)	20.0	-135.4	-0.7	-16.8	2.2	0.9	134.8	32.7
(PLNS, 30,100,V,H,AH,9)	20.0	-126.6	-0.7	-15.8	2.2	0.9	127.0	24.9
(PLNS, 30,100,H,H, P,3)	20.0	-121.2	1.7	-0.9	0.7	0.9	140.4	38.3
(PLNS, 30,100,H,H, P,6)	20.0	-113.8	1.7	1.6	0.7	0.9	135.5	33.4
(PLNS, 30,100,H,H, P,9)	20.0	-110.8	1.7	1.1	0.7	0.9	132.0	29.9
(PLNS, 30,100,H,H,AV,3)	20.0	-120.9	1.7	-0.9	0.7	0.9	140.1	38.0
(PLNS, 30,100,H,H,AV,6)	20.0	-111.8	1.7	1.6	0.7	0.9	133.5	31.5
(PLNS, 30,100,H,H,AV,9)	20.0	-109.8	1.7	1.1	0.7	0.9	131.0	28.9
(PLNS, 30,100,H,H,AH,3)	20.0	-121.2	1.7	-0.9	0.7	0.9	140.4	38.3
(PLNS, 30,100,H,H,AH,6)	20.0	-113.8	1.7	1.6	0.7	0.9	135.5	33.4
(PLNS, 30,100,H,H,AH,9)	20.0	-110.8	1.7	1.1	0.7	0.9	132.0	29.9
(KLIR, 46,100,H,H, P,3)	42.2	-103.9		1.2		0.9	146.4	40.7
(KLIR, 46,100,H,H, P,6)	42.2	-100.3		1.7		0.9	143.3	37.6
(KLIR, 46,100,H,H, P,9)	42.2	-97.5		1.2		0.9	140.0	34.3
(KLIR, 46,100,H,H,AV,3)	42.2	-104.7		1.2		0.9	147.2	41.5
(KLIR, 46,100,H,H,AV,6)	42.2	-99.9		1.7		0.9	142.9	37.1
(KLIR, 46,100,H,H,AV,9)	42.2	-96.3		1.2		0.9	138.8	33.0
(KLIR, 46,100,H,H,AH,3)	42.2	-103.9		1.2		0.9	146.4	40.7
(KLIR, 46,100,H,H,AH,6)	42.2	-100.3		1.7		0.9	143.3	37.6
(KLIR, 46,100,H,H,AH,9)	42.2	-97.5		1.2		0.9	140.0	34.3

COLORADO PLAINS B= 30KM SITE 16

DATE 05-3 -

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-106.6	-0.8	1.5	0.1	-0.0	131.2	43.2
(PLNS, 30, 20,V,V,AV,3)	24.0	-106.6	-0.8	1.5	0.1	-0.0	131.2	43.2
(PLNS, 30, 20,V,V,AH,3)	24.0	-106.6	-0.8	1.5	0.1	-0.0	131.2	43.2
(PLNS, 30, 50,V,V, P,1)	17.0	-145.0	-2.2	-3.8	1.2	0.2	154.5	58.6
(PLNS, 30, 50,V,V, P,3)	17.0	-136.2	-2.2	6.4	1.2	0.2	156.0	67.0
(PLNS, 30, 50,V,V,AV,1)	17.0	-145.0	-2.2	-3.8	1.2	0.2	154.5	58.6
(PLNS, 30, 50,V,V,AV,3)	17.0	-136.2	-2.2	6.4	1.2	0.2	156.0	67.0
(PLNS, 30, 50,V,V,AH,1)	17.0	-141.4	-2.2	-3.8	1.2	0.2	151.0	55.0
(PLNS, 30, 50,V,V,AH,3)	17.0	-131.4	-2.2	6.4	1.2	0.2	151.2	55.2



COLORADO PLAINS R= 30KM SITE 16

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN	
DATE	PRESSURE	TYPE	PERCENT	WET	DRY
02-05-64	25.64	CLEAR(BLANK)	0%	38.3	51.8

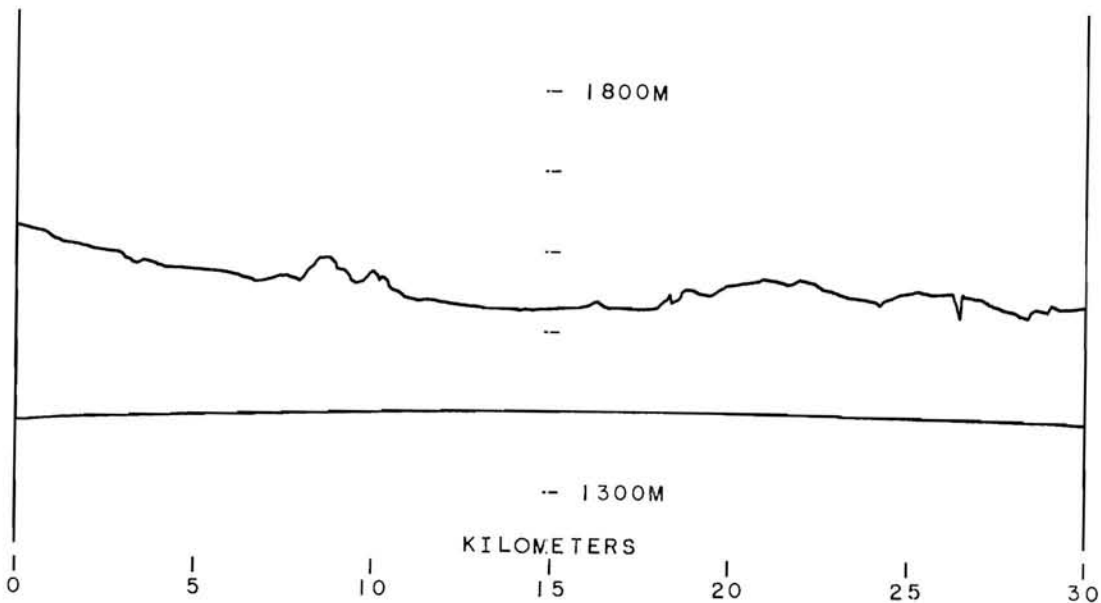
4-WIRE POWER LINE ON SOUTH SIDE OF ROAD, 30FT FROM ANTENNA. HORIZON IS 5/8MI. NO BUILDINGS OR TREES DOWN PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-133.8	-0.7	0.8	2.2	0.9	150.8	48.7
(PLNS, 30,100,V,V, P,6)	20.0	-131.3	-0.7	-0.4	2.2	0.9	147.1	45.0
(PLNS, 30,100,V,V, P,9)	20.0	-129.0	-0.7	-1.2	2.2	0.9	144.0	41.9
(PLNS, 30,100,V,V,AV,3)	20.0	-133.8	-0.7	0.8	2.2	0.9	150.8	48.7
(PLNS, 30,100,V,V,AV,6)	20.0	-131.3	-0.7	-0.4	2.2	0.9	147.1	45.0
(PLNS, 30,100,V,V,AV,9)	20.0	-129.0	-0.7	-1.2	2.2	0.9	144.0	41.9
(PLNS, 30,100,V,V,AH,3)	20.0	-139.0	-0.7	0.8	2.2	0.9	156.0	54.0
(PLNS, 30,100,V,V,AH,6)	20.0	-136.0	-0.7	-0.4	2.2	0.9	151.8	49.7
(PLNS, 30,100,V,V,AH,9)	20.0	-135.1	-0.7	-1.2	2.2	0.9	150.1	48.0
(PLNS, 30,100,H,V, P,3)	20.0	-141.4	1.7	-17.1	0.7	0.9	144.4	42.3
(PLNS, 30,100,H,V, P,6)	20.0	-138.2	1.7	-15.1	0.7	0.9	143.2	41.1
(PLNS, 30,100,H,V, P,9)	20.0	-137.0	1.7	-18.8	0.7	0.9	138.3	36.2
(PLNS, 30,100,H,V,AV,3)	20.0	-141.4	1.7	-17.1	0.7	0.9	144.4	42.3
(PLNS, 30,100,H,V,AV,6)	20.0	-138.2	1.7	-15.1	0.7	0.9	143.2	41.1
(PLNS, 30,100,H,V,AV,9)	20.0	-137.0	1.7	-18.8	0.7	0.9	138.3	36.2
(PLNS, 30,100,H,V,AH,3)	20.0	-139.0	1.7	-17.1	0.7	0.9	142.0	40.0
(PLNS, 30,100,H,V,AH,6)	20.0	-140.1	1.7	-15.1	0.7	0.9	145.1	43.0
(PLNS, 30,100,H,V,AH,9)	20.0	-139.0	1.7	-18.8	0.7	0.9	140.3	38.3
(PLNS, 30,100,V,H, P,3)	20.0	-140.1	-0.7	-21.3	2.2	0.9	135.0	32.9
(PLNS, 30,100,V,H, P,6)	20.0	-138.7	-0.7	-15.9	2.2	0.9	139.0	36.9
(PLNS, 30,100,V,H, P,9)	20.0	-136.6	-0.7	-16.4	2.2	0.9	136.4	34.3
(PLNS, 30,100,V,H,AV,3)	20.0	-140.1	-0.7	-21.3	2.2	0.9	135.0	32.9
(PLNS, 30,100,V,H,AV,6)	20.0	-138.7	-0.7	-15.9	2.2	0.9	139.0	36.9
(PLNS, 30,100,V,H,AV,9)	20.0	-136.6	-0.7	-16.4	2.2	0.9	136.4	34.3
(PLNS, 30,100,V,H,AH,3)	20.0	-143.6	-0.7	-21.3	2.2	0.9	138.5	36.4
(PLNS, 30,100,V,H,AH,6)	20.0	-141.6	-0.7	-15.9	2.2	0.9	141.9	39.8
(PLNS, 30,100,V,H,AH,9)	20.0	-140.1	-0.7	-16.4	2.2	0.9	139.9	37.8
(PLNS, 30,100,H,H, P,3)	20.0	-138.4	1.7	-0.2	0.7	0.9	158.3	56.2
(PLNS, 30,100,H,H, P,6)	20.0	-131.0	1.7	1.5	0.7	0.9	152.6	50.5
(PLNS, 30,100,H,H, P,9)	20.0	-125.2	1.7	1.3	0.7	0.9	146.6	44.5
(PLNS, 30,100,H,H,AV,3)	20.0	-138.4	1.7	-0.2	0.7	0.9	158.3	56.2
(PLNS, 30,100,H,H,AV,6)	20.0	-131.0	1.7	1.5	0.7	0.9	152.6	50.5
(PLNS, 30,100,H,H,AV,9)	20.0	-125.2	1.7	1.3	0.7	0.9	146.6	44.5
(PLNS, 30,100,H,H,AH,3)	20.0	-134.9	1.7	-0.2	0.7	0.9	154.8	52.7
(PLNS, 30,100,H,H,AH,6)	20.0	-129.8	1.7	1.5	0.7	0.9	151.4	49.3
(PLNS, 30,100,H,H,AH,9)	20.0	-128.1	1.7	1.3	0.7	0.9	149.5	47.4
(KLIR, 45,100,H,H, P,3)	42.2	-110.2		0.5		0.9	152.0	46.5
(KLIR, 45,100,H,H, P,6)	42.2	-106.6		1.1		0.9	149.0	43.5
(KLIR, 45,100,H,H, P,9)	42.2	-104.7		0.7		0.9	146.7	41.2
(KLIR, 45,100,H,H,AV,3)	42.2	-110.2		0.5		0.9	152.0	46.5
(KLIR, 45,100,H,H,AV,6)	42.2	-106.6		1.1		0.9	149.0	43.5
(KLIR, 45,100,H,H,AV,9)	42.2	-104.7		0.7		0.9	146.7	41.2
(KLIR, 45,100,H,H,AH,3)	42.2	-110.2		0.5		0.9	152.0	46.5
(KLIR, 45,100,H,H,AH,6)	42.2	-107.5		1.1		0.9	149.9	44.4
(KLIR, 45,100,H,H,AH,9)	42.2	-105.0		0.7		0.9	147.0	41.5

COLORADO PLAINS B= 30KM SITE 17

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-108.7	-0.7	-1.8	0.1	-0.0	130.1	42.1
(PLNS, 30, 20,V,V,AV,3)	24.0	-108.7	-0.7	-1.8	0.1	-0.0	130.1	42.1
(PLNS, 30, 20,V,V,AH,3)	24.0	-109.4	-0.7	-1.8	0.1	-0.0	130.8	42.8
(PLNS, 30, 50,V,V, P,1)	17.0	-129.4	-2.2	5.4	1.2	0.2	148.2	52.2
(PLNS, 30, 50,V,V, P,3)	17.0	-135.4	-2.2	-1.3	1.2	0.2	147.5	51.5
(PLNS, 30, 50,V,V,AV,1)	17.0	-127.2	-2.2	5.4	1.2	0.2	146.0	50.0
(PLNS, 30, 50,V,V,AV,3)	17.0	-130.6	-2.2	-1.3	1.2	0.2	142.6	46.7
(PLNS, 30, 50,V,V,AH,1)	17.0	-125.0	-2.2	5.4	1.2	0.2	143.7	47.8
(PLNS, 30, 50,V,V,AH,3)	17.0	-129.0	-2.2	-1.3	1.2	0.2	141.1	45.1



COLORADO PLAINS B= 30KM SITE 17

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
02-10-64	25.05	CLEAR	0%	38.2	47.5

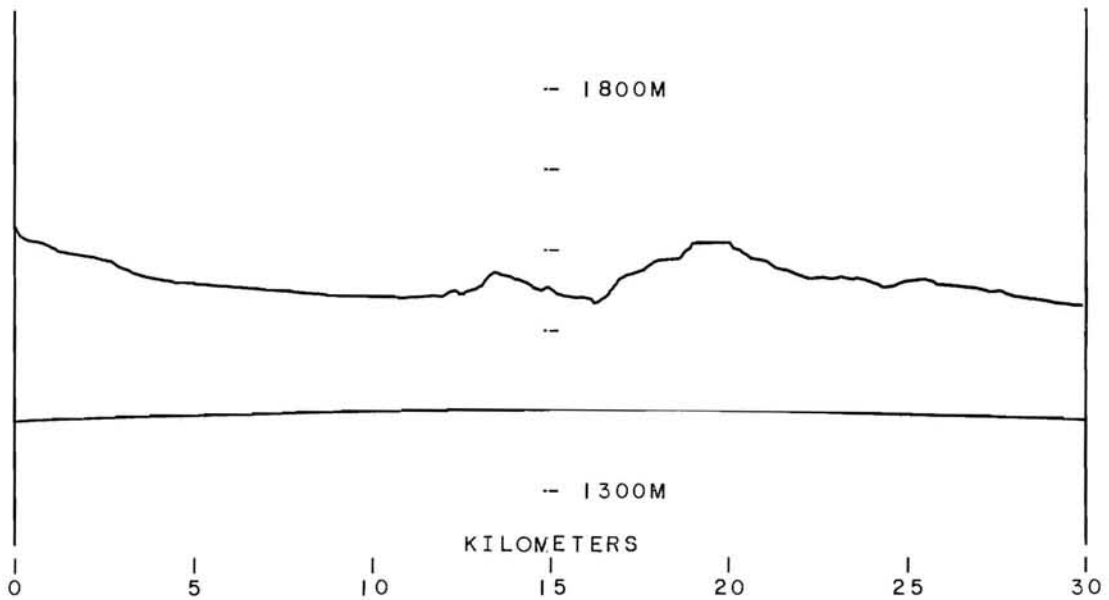
NO OBSTRUCTIONS NEAR SITE. HORIZON 2 1/2MI DOWN PATH. FEW TREES ON HORIZON (20-30 TREES).

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-132.1	-0.7	-2.5	2.2	0.9	145.8	43.7
(PLNS, 30,100,V,V, P,6)	20.0	-128.1	-0.7	-1.9	2.2	0.9	142.4	40.3
(PLNS, 30,100,V,V, P,9)	20.0	-125.2	-0.7	-2.2	2.2	0.9	139.2	37.1
(PLNS, 30,100,V,V,AV,3)	20.0	-126.4	-0.7	-2.5	2.2	0.9	140.1	38.0
(PLNS, 30,100,V,V,AV,6)	20.0	-120.9	-0.7	-1.9	2.2	0.9	135.2	33.1
(PLNS, 30,100,V,V,AV,9)	20.0	-118.9	-0.7	-2.2	2.2	0.9	132.9	30.8
(PLNS, 30,100,V,V,AH,3)	20.0	-129.0	-0.7	-2.5	2.2	0.9	142.7	40.6
(PLNS, 30,100,V,V,AH,6)	20.0	-125.4	-0.7	-1.9	2.2	0.9	139.7	37.6
(PLNS, 30,100,V,V,AH,9)	20.0	-123.4	-0.7	-2.2	2.2	0.9	137.4	35.3
(PLNS, 30,100,H,V, P,3)	20.0	-138.4	0.7	-17.1	0.7	0.9	140.4	38.3
(PLNS, 30,100,H,V, P,6)	20.0	-133.2	0.7	-11.3	0.7	0.9	141.0	38.9
(PLNS, 30,100,H,V, P,9)	20.0	-130.6	0.7	-16.8	0.7	0.9	132.9	30.8
(PLNS, 30,100,H,V,AV,3)	20.0	-147.8	1.7	-17.1	0.7	0.9	150.8	48.7
(PLNS, 30,100,H,V,AV,6)	20.0	-140.1	1.7	-11.3	0.7	0.9	148.9	46.8
(PLNS, 30,100,H,V,AV,9)	20.0	-136.6	1.7	-16.8	0.7	0.9	139.9	37.8
(PLNS, 30,100,H,V,AH,3)	20.0	-143.0	1.7	-17.1	0.7	0.9	146.0	43.9
(PLNS, 30,100,H,V,AH,6)	20.0	-140.3	1.7	-11.3	0.7	0.9	149.1	47.1
(PLNS, 30,100,H,V,AH,9)	20.0	-138.1	1.7	-16.8	0.7	0.9	141.4	39.3
(PLNS, 30,100,V,H, P,3)	20.0	-152.9	-0.7	-20.5	2.2	0.9	148.6	46.5
(PLNS, 30,100,V,H, P,6)	20.0	-137.4	-0.7	-16.0	2.2	0.9	137.6	35.5
(PLNS, 30,100,V,H, P,9)	20.0	-142.2	-0.7	-15.7	2.2	0.9	142.7	40.6
(PLNS, 30,100,V,H,AV,3)	20.0	-140.1	-0.7	-20.5	2.2	0.9	135.8	33.7
(PLNS, 30,100,V,H,AV,6)	20.0	-133.4	-0.7	-16.0	2.2	0.9	133.6	31.5
(PLNS, 30,100,V,H,AV,9)	20.0	-129.4	-0.7	-15.7	2.2	0.9	129.9	27.8
(PLNS, 30,100,V,H,AH,3)	20.0	-140.3	-0.7	-20.5	2.2	0.9	136.0	34.0
(PLNS, 30,100,V,H,AH,6)	20.0	-132.9	-0.7	-16.0	2.2	0.9	133.1	31.0
(PLNS, 30,100,V,H,AH,9)	20.0	-129.4	-0.7	-15.7	2.2	0.9	129.9	27.8
(PLNS, 30,100,H,H, P,3)	20.0	-130.6	0.7	-0.6	0.7	0.9	149.1	47.0
(PLNS, 30,100,H,H, P,6)	20.0	-123.7	0.7	1.6	0.7	0.9	144.4	42.4
(PLNS, 30,100,H,H, P,9)	20.0	-119.7	0.7	1.1	0.7	0.9	139.9	37.8
(PLNS, 30,100,H,H,AV,3)	20.0	-128.7	1.7	-0.6	0.7	0.9	148.2	46.1
(PLNS, 30,100,H,H,AV,6)	20.0	-120.5	1.7	1.6	0.7	0.9	142.2	40.1
(PLNS, 30,100,H,H,AV,9)	20.0	-117.3	1.7	1.1	0.7	0.9	138.5	36.4
(PLNS, 30,100,H,H,AH,3)	20.0	-126.1	1.7	-0.6	0.7	0.9	145.6	43.5
(PLNS, 30,100,H,H,AH,6)	20.0	-118.5	1.7	1.6	0.7	0.9	140.2	38.1
(PLNS, 30,100,H,H,AH,9)	20.0	-114.7	1.7	1.1	0.7	0.9	135.9	33.8
(KLIR, 43,100,H,H, P,3)	42.2	-110.6		1.2		0.9	153.1	47.8
(KLIR, 43,100,H,H, P,6)	42.2	-104.3		1.7		0.9	147.3	42.1
(KLIR, 43,100,H,H, P,9)	42.2	-102.7		1.2		0.9	145.2	40.0
(KLIR, 43,100,H,H,AV,3)	42.2	-111.3		1.2		0.9	153.8	48.6
(KLIR, 43,100,H,H,AV,6)	42.2	-104.5		1.7		0.9	147.5	42.3
(KLIR, 43,100,H,H,AV,9)	42.2	-102.8		1.2		0.9	145.3	40.1
(KLIR, 43,100,H,H,AH,3)	42.2	-111.0		1.2		0.9	153.5	48.3
(KLIR, 43,100,H,H,AH,6)	42.2	-106.6		1.7		0.9	149.6	44.4
(KLIR, 43,100,H,H,AH,9)	42.2	-102.7		1.2		0.9	145.2	40.0

COLORADO PLAINS B= 30KM SITE 18

DATE 05-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-115.4	-0.7	1.6	0.1	-0.0	140.2	52.2
(PLNS, 30, 20,V,V,AV,3)	24.0	-118.9	-0.7	1.6	0.1	-0.0	143.7	55.7
(PLNS, 30, 20,V,V,AH,3)	24.0	-115.4	-0.7	-1.9	0.1	-0.0	136.7	48.7
(PLNS, 30, 50,V,V, P,1)	17.0	-145.0	-2.2	-3.7	1.2	0.2	154.6	59.7
(PLNS, 30, 50,V,V, P,3)	17.0	-143.0	-2.2	5.9	1.2	0.2	162.3	66.3
(PLNS, 30, 50,V,V,AV,1)	17.0	-147.5	-2.2	-3.7	1.2	0.2	157.1	61.2
(PLNS, 30, 50,V,V,AV,3)	17.0	-145.0	-2.2	5.9	1.2	0.2	164.2	69.3
(PLNS, 30, 50,V,V,AH,1)	17.0	-145.0	-2.2	5.6	1.2	0.2	163.9	68.0
(PLNS, 30, 50,V,V,AH,3)	17.0	-143.0	-2.2	-1.1	1.2	0.2	155.3	50.3



COLORADO PLAINS B= 30KM SITE 18

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
02-10-64	24.97	CLEAR	0%	41.4	54.5

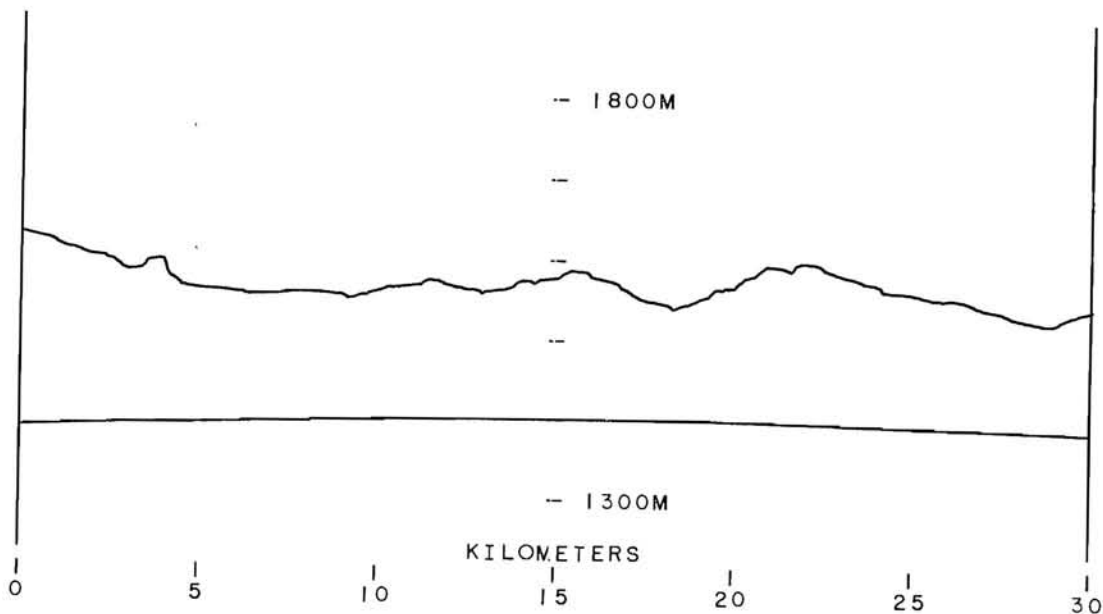
4-WIRE POWER LINE NORTH SIDE OF ROAD 15FT NORTH OF ANTENNA, 30FT HIGH.
 2-WIRE PHONE LINE SOUTH SIDE OF ROAD, 50FT FROM ANTENNA, 12FT HIGH.
 FARM BUILDINGS AND 50FT COTTONWOOD TREES IN PATH AT 1/2MI.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-139.9	-0.7	0.8	2.2	0.9	156.9	54.8
(PLNS, 30,100,V,V, P,6)	20.0	-138.1	-0.7	-0.4	2.2	0.9	153.9	51.8
(PLNS, 30,100,V,V, P,9)	20.0	-138.5	-0.7	-1.2	2.2	0.9	153.5	51.4
(PLNS, 30,100,V,V,AV,3)	20.0	-133.0	-0.7	0.8	2.2	0.9	150.0	47.9
(PLNS, 30,100,V,V,AV,6)	20.0	-130.0	-0.7	-0.4	2.2	0.9	145.8	43.7
(PLNS, 30,100,V,V,AV,9)	20.0	-127.2	-0.7	-1.2	2.2	0.9	142.2	40.1
(PLNS, 30,100,V,V,AH,3)	20.0	-139.9	-0.7	-2.8	2.2	0.9	153.3	51.2
(PLNS, 30,100,V,V,AH,6)	20.0	-138.1	-0.7	-2.0	2.2	0.9	152.3	50.2
(PLNS, 30,100,V,V,AH,9)	20.0	-138.5	-0.7	2.2	2.2	0.9	156.9	54.8
(PLNS, 30,100,H,V, P,3)	20.0	-145.4	1.6	-18.3	0.7	0.9	147.1	45.0
(PLNS, 30,100,H,V, P,6)	20.0	-143.0	1.6	-17.5	0.7	0.9	145.5	43.4
(PLNS, 30,100,H,V, P,9)	20.0	-143.0	1.6	-20.0	0.7	0.9	143.0	40.9
(PLNS, 30,100,H,V,AV,3)	20.0	-143.7	1.6	-18.3	0.7	0.9	145.4	43.4
(PLNS, 30,100,H,V,AV,6)	20.0	-145.6	1.6	-17.5	0.7	0.9	148.1	46.0
(PLNS, 30,100,H,V,AV,9)	20.0	-138.2	1.6	-20.0	0.7	0.9	138.2	36.1
(PLNS, 30,100,H,V,AH,3)	20.0	-145.4	1.6	-17.8	0.7	0.9	147.6	45.5
(PLNS, 30,100,H,V,AH,6)	20.0	-143.0	1.6	-18.3	0.7	0.9	144.7	42.6
(PLNS, 30,100,H,V,AH,9)	20.0	-143.0	1.6	-17.3	0.7	0.9	145.7	43.6
(PLNS, 30,100,V,H, P,3)	20.0	-142.8	-0.7	-22.4	2.2	0.9	136.6	34.6
(PLNS, 30,100,V,H, P,6)	20.0	-137.1	-0.7	-16.0	2.2	0.9	137.3	35.2
(PLNS, 30,100,V,H, P,9)	20.0	-135.3	-0.7	-16.5	2.2	0.9	135.0	33.0
(PLNS, 30,100,V,H,AV,3)	20.0	-145.9	-0.7	-22.4	2.2	0.9	139.7	37.6
(PLNS, 30,100,V,H,AV,6)	20.0	-140.7	-0.7	-16.0	2.2	0.9	140.9	38.8
(PLNS, 30,100,V,H,AV,9)	20.0	-137.7	-0.7	-16.5	2.2	0.9	137.4	35.3
(PLNS, 30,100,V,H,AH,3)	20.0	-142.8	-0.7	-20.0	2.2	0.9	139.0	37.0
(PLNS, 30,100,V,H,AH,6)	20.0	-137.1	-0.7	-15.7	2.2	0.9	137.6	35.5
(PLNS, 30,100,V,H,AH,9)	20.0	-135.3	-0.7	-15.7	2.2	0.9	135.8	33.8
(PLNS, 30,100,H,H, P,3)	20.0	-134.2	1.6	-0.4	0.7	0.9	153.8	51.7
(PLNS, 30,100,H,H, P,6)	20.0	-128.5	1.6	1.4	0.7	0.9	149.9	47.8
(PLNS, 30,100,H,H, P,9)	20.0	-124.7	1.6	1.2	0.7	0.9	145.9	43.9
(PLNS, 30,100,H,H,AV,3)	20.0	-136.4	1.6	-0.4	0.7	0.9	156.0	53.9
(PLNS, 30,100,H,H,AV,6)	20.0	-131.0	1.6	1.4	0.7	0.9	152.4	50.3
(PLNS, 30,100,H,H,AV,9)	20.0	-126.5	1.6	1.2	0.7	0.9	147.7	45.6
(PLNS, 30,100,H,H,AH,3)	20.0	-134.2	1.6	-0.5	0.7	0.9	153.7	51.6
(PLNS, 30,100,H,H,AH,6)	20.0	-128.5	1.6	1.6	0.7	0.9	150.1	48.0
(PLNS, 30,100,H,H,AH,9)	20.0	-124.7	1.6	1.0	0.7	0.9	145.7	43.7
(KLIR, 40,100,H,H, P,3)	42.2	-107.5		0.5		0.9	149.3	44.7
(KLIR, 40,100,H,H, P,6)	42.2	-102.7		1.1		0.9	145.1	40.5
(KLIR, 40,100,H,H, P,9)	42.2	-97.5		0.7		0.9	139.5	34.9
(KLIR, 40,100,H,H,AV,3)	42.2	-109.4		0.5		0.9	151.2	46.6
(KLIR, 40,100,H,H,AV,6)	42.2	-102.7		1.1		0.9	145.1	40.5
(KLIR, 40,100,H,H,AV,9)	42.2	-99.5		0.7		0.9	141.5	36.9
(KLIR, 40,100,H,H,AH,3)	42.2	-107.5		0.5		0.9	149.3	44.7
(KLIR, 40,100,H,H,AH,6)	42.2	-102.7		1.1		0.9	145.1	40.5
(KLIR, 40,100,H,H,AH,9)	42.2	-97.5		0.7		0.9	139.5	34.9

COLORADO PLAINS B= 30KM SITE 19

DATE 05-19-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-115.4	-0.7	-1.9	0.1	-0.0	136.7	48.7
(PLNS, 30, 20,V,V,AV,3)	24.0	-115.4	-0.7	-1.9	0.1	-0.0	136.7	48.7
(PLNS, 30, 20,V,V,AH,3)	24.0	-115.4	-0.7	-1.9	0.1	-0.0	136.7	48.7
(PLNS, 30, 50,V,V, P,1)	17.0	-129.0	-2.2	5.7	1.2	0.2	148.1	52.1
(PLNS, 30, 50,V,V, P,3)	17.0	-129.4	-2.2	-0.9	1.2	0.2	141.9	45.9
(PLNS, 30, 50,V,V,AV,1)	17.0	-129.0	-2.2	5.7	1.2	0.2	148.1	52.1
(PLNS, 30, 50,V,V,AV,3)	17.0	-129.4	-2.2	-0.9	1.2	0.2	141.9	45.9
(PLNS, 30, 50,V,V,AH,1)	17.0	-129.0	-2.2	5.7	1.2	0.2	148.1	52.1
(PLNS, 30, 50,V,V,AH,3)	17.0	-129.4	-2.2	-0.9	1.2	0.2	141.9	45.9



COLORADO PLAINS B= 30KM SITE 19

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
02-10-64	24.92	CLEAR	0%	43.5	60.5

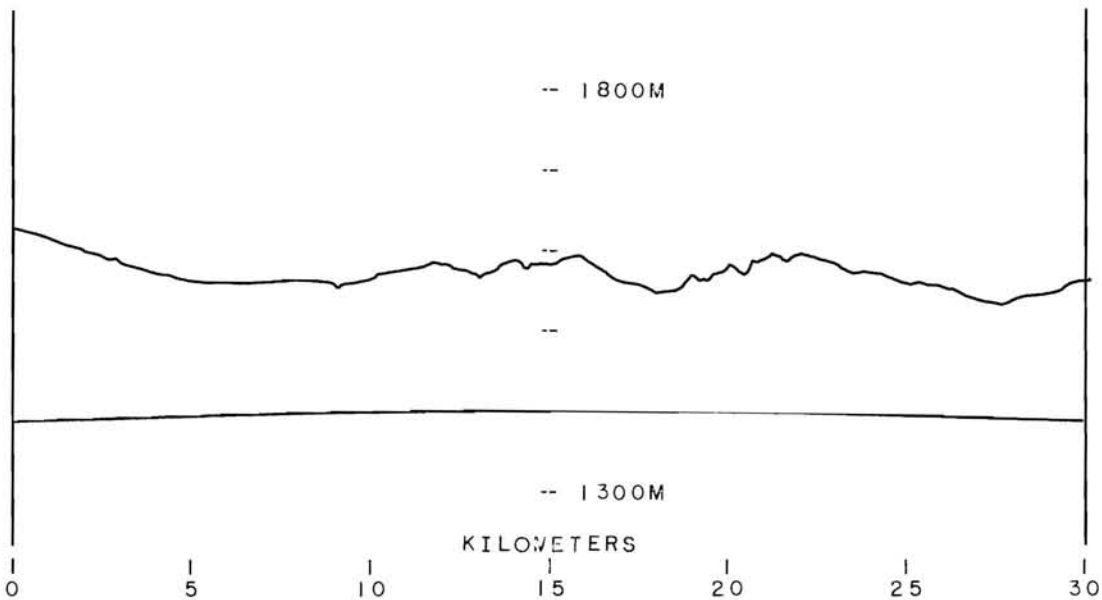
2-WIRE POWER LINE ON SOUTH SIDE OF ROAD, 15FT FROM ANTENNA, 27FT HIGH.
 HORIZON 5MI AWAY AND GROUND IN FRONT OF ANTENNA SLOPES DOWN FOR 1MI
 BEFORE RISING TO HORIZON. COTTONWOOD TREES DOWN PATH AT 500FT. OTHER
 COTTONWOODS DOWN PATH AT 1/2MI BUT ARE BELOW HORIZON.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-123.0	-0.7	-3.3	2.2	0.9	135.9	33.8
(PLNS, 30,100,V,V, P,6)	20.0	-118.5	-0.7	-2.1	2.2	0.9	132.6	30.5
(PLNS, 30,100,V,V, P,9)	20.0	-114.9	-0.7	-2.2	2.2	0.9	128.9	26.8
(PLNS, 30,100,V,V,AV,3)	20.0	-123.0	-0.7	-3.3	2.2	0.9	135.9	33.8
(PLNS, 30,100,V,V,AV,6)	20.0	-118.5	-0.7	-2.1	2.2	0.9	132.6	30.5
(PLNS, 30,100,V,V,AV,9)	20.0	-114.9	-0.7	-2.2	2.2	0.9	128.9	26.8
(PLNS, 30,100,V,V,AH,3)	20.0	-123.0	-0.7	-3.3	2.2	0.9	135.9	33.8
(PLNS, 30,100,V,V,AH,6)	20.0	-118.5	-0.7	-2.1	2.2	0.9	132.6	30.5
(PLNS, 30,100,V,V,AH,9)	20.0	-114.9	-0.7	-2.2	2.2	0.9	128.9	26.8
(PLNS, 30,100,H,V, P,3)	20.0	-129.4	1.6	-19.2	0.7	0.9	130.2	28.1
(PLNS, 30,100,H,V, P,6)	20.0	-131.7	1.6	-18.1	0.7	0.9	133.6	31.5
(PLNS, 30,100,H,V, P,9)	20.0	-134.1	1.6	-18.1	0.7	0.9	136.0	33.9
(PLNS, 30,100,H,V,AV,3)	20.0	-129.4	1.6	-19.2	0.7	0.9	130.2	28.1
(PLNS, 30,100,H,V,AV,6)	20.0	-131.7	1.6	-18.1	0.7	0.9	133.6	31.5
(PLNS, 30,100,H,V,AV,9)	20.0	-134.1	1.6	-18.1	0.7	0.9	136.0	33.9
(PLNS, 30,100,H,V,AH,3)	20.0	-129.4	1.6	-19.2	0.7	0.9	130.2	28.1
(PLNS, 30,100,H,V,AH,6)	20.0	-131.7	1.6	-18.1	0.7	0.9	133.6	31.5
(PLNS, 30,100,H,V,AH,9)	20.0	-134.1	1.6	-18.1	0.7	0.9	136.0	33.9
(PLNS, 30,100,V,H, P,3)	20.0	-136.0	-0.7	-19.4	2.2	0.9	132.8	30.7
(PLNS, 30,100,V,H, P,6)	20.0	-129.4	-0.7	-15.3	2.2	0.9	130.3	28.2
(PLNS, 30,100,V,H, P,9)	20.0	-129.4	-0.7	-15.7	2.2	0.9	129.9	27.8
(PLNS, 30,100,V,H,AV,3)	20.0	-136.0	-0.7	-19.4	2.2	0.9	132.8	30.7
(PLNS, 30,100,V,H,AV,6)	20.0	-129.4	-0.7	-15.3	2.2	0.9	130.3	28.2
(PLNS, 30,100,V,H,AV,9)	20.0	-129.4	-0.7	-15.7	2.2	0.9	129.9	27.8
(PLNS, 30,100,V,H,AH,3)	20.0	-136.0	-0.7	-19.4	2.2	0.9	132.8	30.7
(PLNS, 30,100,V,H,AH,6)	20.0	-129.4	-0.7	-15.3	2.2	0.9	130.3	28.2
(PLNS, 30,100,V,H,AH,9)	20.0	-129.4	-0.7	-15.7	2.2	0.9	129.9	27.8
(PLNS, 30,100,H,H, P,3)	20.0	-121.8	1.6	-0.4	0.7	0.9	141.4	39.3
(PLNS, 30,100,H,H, P,6)	20.0	-116.2	1.6	1.5	0.7	0.9	137.7	35.6
(PLNS, 30,100,H,H, P,9)	20.0	-113.0	1.6	1.0	0.7	0.9	134.0	31.9
(PLNS, 30,100,H,H,AV,3)	20.0	-121.8	1.6	-0.4	0.7	0.9	141.4	39.3
(PLNS, 30,100,H,H,AV,6)	20.0	-116.2	1.6	1.5	0.7	0.9	137.7	35.6
(PLNS, 30,100,H,H,AV,9)	20.0	-113.0	1.6	1.0	0.7	0.9	134.0	31.9
(PLNS, 30,100,H,H,AH,3)	20.0	-121.8	1.6	-0.4	0.7	0.9	141.4	39.3
(PLNS, 30,100,H,H,AH,6)	20.0	-116.2	1.6	1.5	0.7	0.9	137.7	35.6
(PLNS, 30,100,H,H,AH,9)	20.0	-113.0	1.6	1.0	0.7	0.9	134.0	31.9
(KLIR, 38,100,H,H, P,3)	42.2	-111.3		1.2		0.9	153.8	49.9
(KLIR, 38,100,H,H, P,6)	42.2	-106.0		1.7		0.9	149.0	45.1
(KLIR, 38,100,H,H, P,9)	42.2	-102.5		1.2		0.9	145.0	41.1
(KLIR, 38,100,H,H,AV,3)	42.2	-111.3		1.2		0.9	153.8	49.9
(KLIR, 38,100,H,H,AV,6)	42.2	-106.0		1.7		0.9	149.0	45.1
(KLIR, 38,100,H,H,AV,9)	42.2	-102.5		1.2		0.9	145.0	41.1
(KLIR, 38,100,H,H,AH,3)	42.2	-111.3		1.2		0.9	153.8	49.9
(KLIR, 38,100,H,H,AH,6)	42.2	-106.0		1.7		0.9	149.0	45.1
(KLIR, 38,100,H,H,AH,9)	42.2	-102.5		1.2		0.9	145.0	41.1

COLORADO PLAINS B= 30KM SITE 20

DATE 05-19-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-111.9	-0.8	1.3	0.1	-0.0	136.3	48.3
(PLNS, 30, 20,V,V,AV,3)	24.0	-112.1	-0.8	1.3	0.1	-0.0	136.5	48.5
(PLNS, 30, 20,V,V,AH,3)	24.0	-112.1	-0.8	1.3	0.1	-0.0	136.5	48.5
(PLNS, 30, 50,V,V, P,1)	17.0	-131.9	-2.2	-2.8	1.2	0.2	142.5	46.5
(PLNS, 30, 50,V,V, P,3)	17.0	-127.5	-2.2	6.8	1.2	0.2	147.6	51.7
(PLNS, 30, 50,V,V,AV,1)	17.0	-140.1	-2.2	-2.8	1.2	0.2	150.7	54.7
(PLNS, 30, 50,V,V,AV,3)	17.0	-134.1	-2.2	6.8	1.2	0.2	154.3	58.3
(PLNS, 30, 50,V,V,AH,1)	17.0	-135.4	-2.2	-2.8	1.2	0.2	146.0	50.0
(PLNS, 30, 50,V,V,AH,3)	17.0	-131.0	-2.2	6.8	1.2	0.2	151.2	55.2



COLORADO PLAINS B= 30KM SITE 20

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
02-10-64	25.82	CLEAR	0%	43.2	61.0

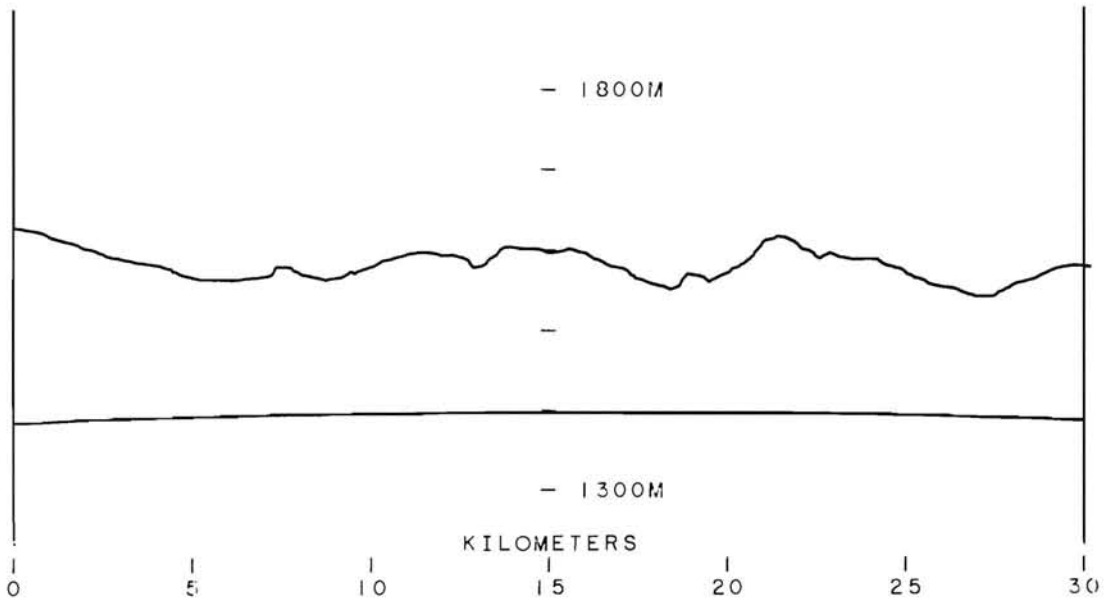
2-WIRE POWER LINE ON NORTH SIDE OF ROAD, 12FT FROM ANTENNA, 27FT HIGH.
 10-WIRE PHONE LINE SOUTH SIDE OF ROAD, 50FT FROM ANTENNA, 15FT HIGH.
 HORIZON 5MI AWAY AND BARREN. FARM BUILDINGS AND FEW COTTONWOODS ON
 EDGE OF PATH AT 1000FT.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-133.5	-0.7	0.8	2.2	0.9	150.5	48.4
(PLNS, 30,100,V,V, P,6)	20.0	-129.8	-0.7	0.4	2.2	0.9	146.4	44.3
(PLNS, 30,100,V,V, P,9)	20.0	-127.5	-0.7	-1.2	2.2	0.9	142.5	40.4
(PLNS, 30,100,V,V,AV,3)	20.0	-121.4	-0.7	0.8	2.2	0.9	138.4	36.3
(PLNS, 30,100,V,V,AV,6)	20.0	-118.0	-0.7	0.4	2.2	0.9	134.6	32.5
(PLNS, 30,100,V,V,AV,9)	20.0	-116.8	-0.7	-1.2	2.2	0.9	131.8	29.7
(PLNS, 30,100,V,V,AH,3)	20.0	-121.7	-0.7	0.8	2.2	0.9	138.7	36.6
(PLNS, 30,100,V,V,AH,6)	20.0	-117.2	-0.7	0.4	2.2	0.9	133.8	31.7
(PLNS, 30,100,V,V,AH,9)	20.0	-114.7	-0.7	-1.2	2.2	0.9	129.7	27.6
(PLNS, 30,100,H,V, P,3)	20.0	-135.8	1.6	-16.3	0.7	0.9	139.5	37.4
(PLNS, 30,100,H,V, P,6)	20.0	-139.2	1.6	-14.7	0.7	0.9	144.5	42.4
(PLNS, 30,100,H,V, P,9)	20.0	-131.1	1.6	-17.9	0.7	0.9	133.2	31.1
(PLNS, 30,100,H,V,AV,3)	20.0	-133.2	1.6	-16.3	0.7	0.9	136.9	34.8
(PLNS, 30,100,H,V,AV,6)	20.0	-135.3	1.6	-14.7	0.7	0.9	140.6	38.5
(PLNS, 30,100,H,V,AV,9)	20.0	-133.2	1.6	-17.9	0.7	0.9	135.3	33.2
(PLNS, 30,100,H,V,AH,3)	20.0	-130.6	1.6	-16.3	0.7	0.9	134.3	32.2
(PLNS, 30,100,H,V,AH,6)	20.0	-133.5	1.6	-14.7	0.7	0.9	138.8	36.7
(PLNS, 30,100,H,V,AH,9)	20.0	-129.8	1.6	-17.9	0.7	0.9	131.9	29.8
(PLNS, 30,100,V,H, P,3)	20.0	-138.9	-0.7	-19.8	2.2	0.9	135.3	33.2
(PLNS, 30,100,V,H, P,6)	20.0	-131.9	-0.7	-15.8	2.2	0.9	132.3	30.2
(PLNS, 30,100,V,H, P,9)	20.0	-128.1	-0.7	-16.3	2.2	0.9	128.0	25.9
(PLNS, 30,100,V,H,AV,3)	20.0	-131.3	-0.7	-19.8	2.2	0.9	127.7	25.6
(PLNS, 30,100,V,H,AV,6)	20.0	-128.4	-0.7	-15.8	2.2	0.9	128.8	26.7
(PLNS, 30,100,V,H,AV,9)	20.0	-127.3	-0.7	-16.3	2.2	0.9	127.2	25.1
(PLNS, 30,100,V,H,AH,3)	20.0	-134.4	-0.7	-19.8	2.2	0.9	130.8	28.7
(PLNS, 30,100,V,H,AH,6)	20.0	-130.6	-0.7	-15.8	2.2	0.9	131.0	28.9
(PLNS, 30,100,V,H,AH,9)	20.0	-127.5	-0.7	-16.3	2.2	0.9	127.4	25.3
(PLNS, 30,100,H,H, P,3)	20.0	-122.4	1.6	0.2	0.7	0.9	142.6	40.5
(PLNS, 30,100,H,H, P,6)	20.0	-117.8	1.6	1.6	0.7	0.9	139.4	37.3
(PLNS, 30,100,H,H, P,9)	20.0	-115.4	1.6	1.3	0.7	0.9	136.7	34.6
(PLNS, 30,100,H,H,AV,3)	20.0	-122.7	1.6	0.2	0.7	0.9	142.9	40.8
(PLNS, 30,100,H,H,AV,6)	20.0	-118.8	1.6	1.6	0.7	0.9	140.4	38.3
(PLNS, 30,100,H,H,AV,9)	20.0	-115.9	1.6	1.3	0.7	0.9	137.2	35.1
(PLNS, 30,100,H,H,AH,3)	20.0	-119.0	1.6	0.2	0.7	0.9	139.2	37.2
(PLNS, 30,100,H,H,AH,6)	20.0	-115.9	1.6	1.6	0.7	0.9	137.5	35.4
(PLNS, 30,100,H,H,AH,9)	20.0	-113.2	1.6	1.3	0.7	0.9	134.5	32.4
(KLIR, 36,100,H,H, P,3)	42.2	-113.2		0.5		0.9	155.0	51.5
(KLIR, 36,100,H,H, P,6)	42.2	-110.2		1.1		0.9	152.6	49.0
(KLIR, 36,100,H,H, P,9)	42.2	-102.0		0.7		0.9	144.0	40.5
(KLIR, 36,100,H,H,AV,3)	42.2	-113.5		0.5		0.9	155.3	51.8
(KLIR, 36,100,H,H,AV,6)	42.2	-109.8		1.1		0.9	152.2	48.6
(KLIR, 36,100,H,H,AV,9)	42.2	-102.4		0.7		0.9	144.4	40.8
(KLIR, 36,100,H,H,AH,3)	42.2	-113.5		0.5		0.9	155.3	51.8
(KLIR, 36,100,H,H,AH,6)	42.2	-109.0		1.1		0.9	151.4	47.9
(KLIR, 36,100,H,H,AH,9)	42.2	-102.7		0.7		0.9	144.7	41.2

COLORADO PLAINS B= 30KM SITE 21

DATE 05-19-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-113.8	-0.8	0.8	0.1	-0.0	137.7	49.7
(PLNS, 30, 20,V,V,AV,3)	24.0	-113.2	-0.8	0.8	0.1	-0.0	137.1	49.1
(PLNS, 30, 20,V,V,AH,3)	24.0	-116.8	-0.8	-5.1	0.1	-0.0	134.8	46.8
(PLNS, 30, 50,V,V, P,1)	17.0	-137.0	-2.2	-0.1	1.2	0.2	150.3	54.3
(PLNS, 30, 50,V,V, P,3)	17.0	-130.6	-2.2	6.9	1.2	0.2	150.8	54.9
(PLNS, 30, 50,V,V,AV,1)	17.0	-141.4	-2.2	-0.1	1.2	0.2	154.7	58.7
(PLNS, 30, 50,V,V,AV,3)	17.0	-138.9	-2.2	6.9	1.2	0.2	159.2	63.2
(PLNS, 30, 50,V,V,AH,1)	17.0	-132.4	-2.2	0.0	1.2	0.2	145.8	49.8
(PLNS, 30, 50,V,V,AH,3)	17.0	-127.2	-2.2	2.6	1.2	0.2	143.2	47.2



COLORADO PLAINS B= 30KM SITF 21

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
02-10-64	24.77	CLEAR	0%	42.2	59.5

HORIZON 350FT, ROW OF 60FT COTTONWOODS, 30FT HIGHER THAN SITE. 2-WIRE POWER LINE ON SOUTH SIDE OF ROAD, 50FT FROM ANTENNA, 35FT HIGH.

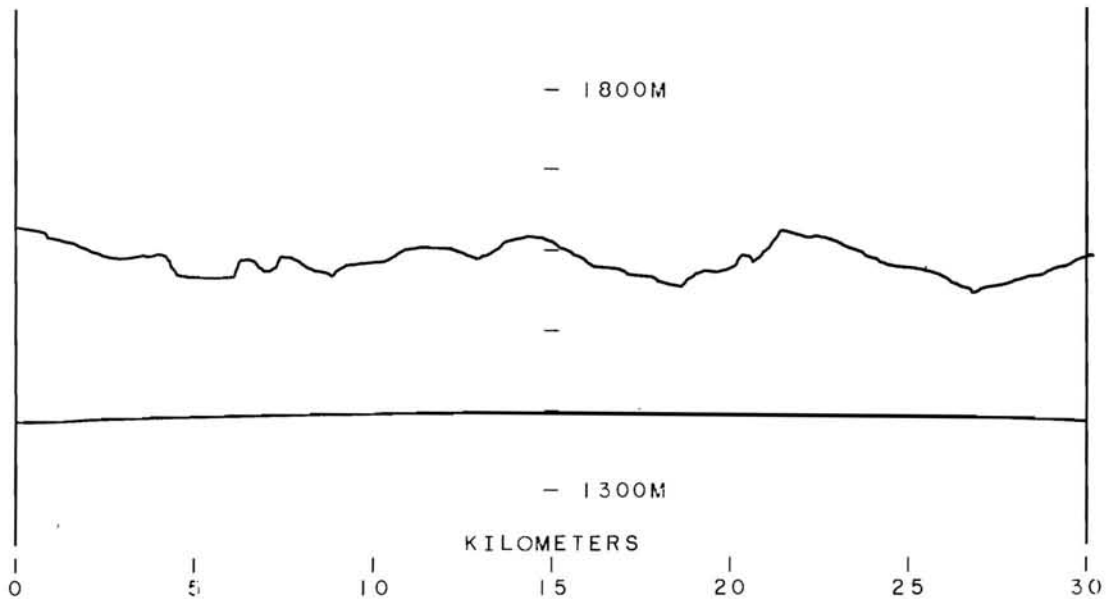
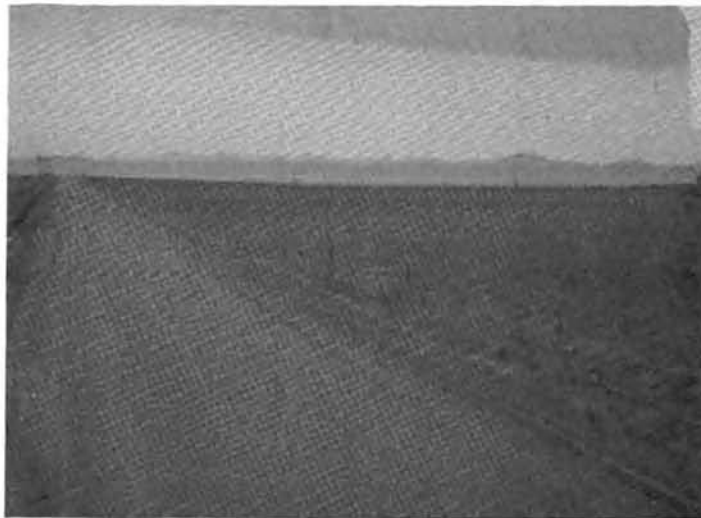
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 30,100,V,V, P,3)	20.0	-127.6	-0.7	0.8	2.2	0.9	144.6	42.5
(PLNS, 30,100,V,V, P,6)	20.0	-123.7	-0.7	-0.7	2.2	0.9	139.2	37.2
(PLNS, 30,100,V,V, P,9)	20.0	-122.7	-0.7	-1.4	2.2	0.9	137.5	35.4
(PLNS, 30,100,V,V,AV,3)	20.0	-123.7	-0.7	0.8	2.2	0.9	140.7	38.7
(PLNS, 30,100,V,V,AV,6)	20.0	-120.1	-0.7	-0.7	2.2	0.9	135.6	33.5
(PLNS, 30,100,V,V,AV,9)	20.0	-118.1	-0.7	-1.4	2.2	0.9	132.9	30.8
(PLNS, 30,100,V,V,AH,3)	20.0	-132.1	-0.7	-0.7	2.2	0.9	147.6	45.5
(PLNS, 30,100,V,V,AH,6)	20.0	-124.7	-0.7	-1.8	2.2	0.9	139.1	37.1
(PLNS, 30,100,V,V,AH,9)	20.0	-120.0	-0.7	-1.7	2.2	0.9	134.5	32.4
(PLNS, 30,100,H,V, P,3)	20.0	-143.9	1.6	-18.2	0.7	0.9	145.7	43.6
(PLNS, 30,100,H,V, P,6)	20.0	-140.2	1.6	-14.6	0.7	0.9	145.6	43.5
(PLNS, 30,100,H,V, P,9)	20.0	-138.8	1.6	-18.2	0.7	0.9	140.6	38.5
(PLNS, 30,100,H,V,AV,3)	20.0	-148.1	1.6	-18.2	0.7	0.9	149.9	47.8
(PLNS, 30,100,H,V,AV,6)	20.0	-137.7	1.6	-14.6	0.7	0.9	143.1	41.0
(PLNS, 30,100,H,V,AV,9)	20.0	-133.4	1.6	-18.2	0.7	0.9	135.2	33.1
(PLNS, 30,100,H,V,AH,3)	20.0	-134.4	1.6	-11.7	0.7	0.9	142.7	40.6
(PLNS, 30,100,H,V,AH,6)	20.0	-132.8	1.6	-10.8	0.7	0.9	142.0	39.9
(PLNS, 30,100,H,V,AH,9)	20.0	-132.8	1.6	-15.0	0.7	0.9	137.8	35.7
(PLNS, 30,100,V,H, P,3)	20.0	-142.4	-0.7	-18.6	2.2	0.9	140.0	37.9
(PLNS, 30,100,V,H, P,6)	20.0	-138.2	-0.7	-15.7	2.2	0.9	138.7	36.6
(PLNS, 30,100,V,H, P,9)	20.0	-133.2	-0.7	-16.1	2.2	0.9	133.3	31.2
(PLNS, 30,100,V,H,AV,3)	20.0	-131.2	-0.7	-18.6	2.2	0.9	128.8	26.7
(PLNS, 30,100,V,H,AV,6)	20.0	-130.2	-0.7	-15.7	2.2	0.9	130.7	28.6
(PLNS, 30,100,V,H,AV,9)	20.0	-123.7	-0.7	-16.1	2.2	0.9	123.8	21.8
(PLNS, 30,100,V,H,AH,3)	20.0	-138.7	-0.7	-17.5	2.2	0.9	137.4	35.3
(PLNS, 30,100,V,H,AH,6)	20.0	-133.4	-0.7	-18.1	2.2	0.9	131.5	29.4
(PLNS, 30,100,V,H,AH,9)	20.0	-129.4	-0.7	-17.2	2.2	0.9	128.4	26.3
(PLNS, 30,100,H,H, P,3)	20.0	-131.0	1.6	0.9	0.7	0.9	151.9	49.8
(PLNS, 30,100,H,H, P,6)	20.0	-124.7	1.6	1.6	0.7	0.9	146.3	44.3
(PLNS, 30,100,H,H, P,9)	20.0	-119.0	1.6	1.4	0.7	0.9	140.4	38.4
(PLNS, 30,100,H,H,AV,3)	20.0	-129.0	1.6	0.9	0.7	0.9	149.9	47.8
(PLNS, 30,100,H,H,AV,6)	20.0	-126.1	1.6	1.6	0.7	0.9	147.7	45.6
(PLNS, 30,100,H,H,AV,9)	20.0	-120.9	1.6	1.4	0.7	0.9	142.3	40.2
(PLNS, 30,100,H,H,AH,3)	20.0	-123.0	1.6	1.2	0.7	0.9	144.2	42.1
(PLNS, 30,100,H,H,AH,6)	20.0	-120.3	1.6	1.6	0.7	0.9	141.9	39.9
(PLNS, 30,100,H,H,AH,9)	20.0	-116.8	1.6	1.2	0.7	0.9	138.0	35.9
(KLIR, 34,100,H,H, P,3)	42.2	-111.4		0.5		0.9	153.2	50.1
(KLIR, 34,100,H,H, P,6)	42.2	-106.4		1.1		0.9	148.8	45.6
(KLIR, 34,100,H,H, P,9)	42.2	**						
(KLIR, 34,100,H,H,AV,3)	42.2	-111.8		0.5		0.9	153.6	50.4
(KLIR, 34,100,H,H,AV,6)	42.2	-103.7		1.1		0.9	146.1	43.0
(KLIR, 34,100,H,H,AV,9)	42.2	-103.4		0.7		0.9	145.4	42.7
(KLIR, 34,100,H,H,AH,3)	42.2	-113.5		0.6		0.9	155.4	52.2
(KLIR, 34,100,H,H,AH,6)	42.2	-107.8		-1.7		0.9	147.4	44.2
(KLIR, 34,100,H,H,AH,9)	42.2	-103.2		1.4		0.9	145.9	42.8

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 30KM SITE 22

DATE 05-19-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-113.5	-0.9	-5.4	0.1	-0.0	131.1	43.1
(PLNS, 30, 20,V,V,AV,3)	24.0	-113.5	-0.9	-5.4	0.1	-0.0	131.1	43.1
(PLNS, 30, 20,V,V,AH,3)	24.0	-113.8	-0.9	-5.4	0.1	-0.0	131.4	43.4
(PLNS, 30, 50,V,V, P,1)	17.0	-126.9	-2.2	-1.8	1.2	0.2	138.5	42.5
(PLNS, 30, 50,V,V, P,3)	17.0	-128.7	-2.2	2.5	1.2	0.2	144.6	48.6
(PLNS, 30, 50,V,V,AV,1)	17.0	-126.9	-2.2	-1.8	1.2	0.2	138.5	42.5
(PLNS, 30, 50,V,V,AV,3)	17.0	-128.7	-2.2	2.5	1.2	0.2	144.6	48.6
(PLNS, 30, 50,V,V,AH,1)	17.0	-125.9	-2.2	-1.8	1.2	0.2	137.5	41.5
(PLNS, 30, 50,V,V,AH,3)	17.0	-128.4	-2.2	2.5	1.2	0.2	144.3	48.3



COLORADO PLAINS R= 30KM SITE 22

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

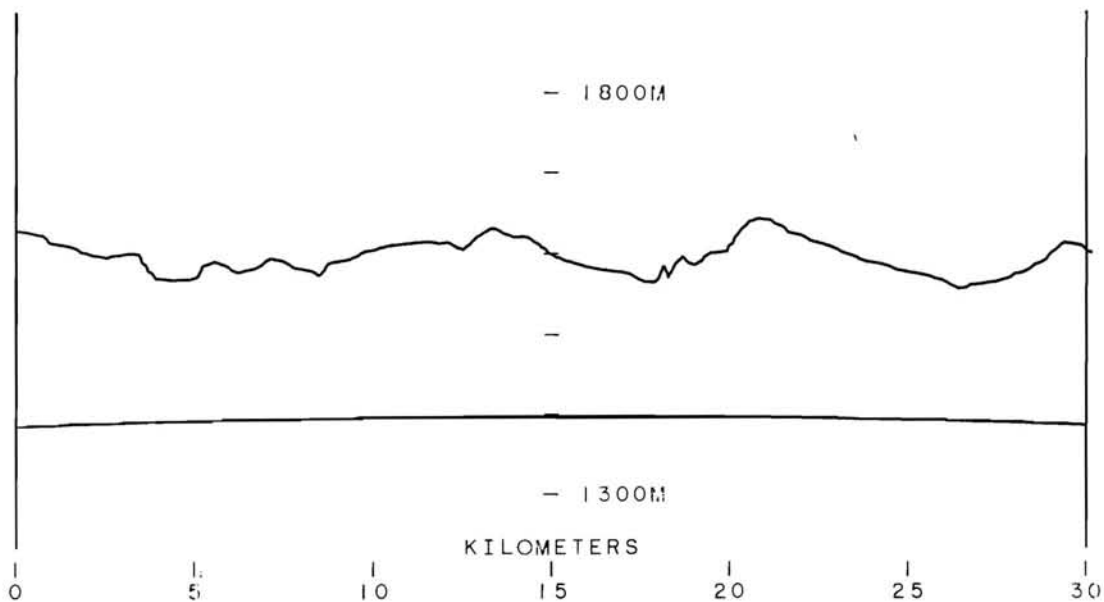
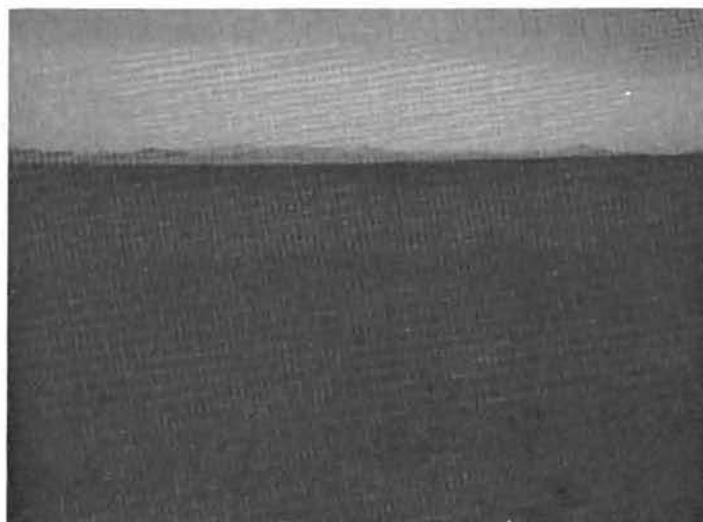
DATE 02-11-64 BAROMETRIC PRESSURE NO METEOROLOGICAL DATA TAKEN CLOUD TYPE COVER PERCENT ASSMAN WET DRY

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 30,100,V,V, P,3)	20.0	-125.0	-0.7	-0.4	2.2	0.9	140.8	38.7
(PLNS, 30,100,V,V, P,6)	20.0	-120.5	-0.7	-1.5	2.2	0.9	135.2	33.1
(PLNS, 30,100,V,V, P,9)	20.0	-117.2	-0.7	-1.5	2.2	0.9	131.9	29.8
(PLNS, 30,100,V,V,AV,3)	20.0	-125.0	-0.7	-0.4	2.2	0.9	140.8	38.7
(PLNS, 30,100,V,V,AV,6)	20.0	-120.5	-0.7	-1.5	2.2	0.9	135.2	33.1
(PLNS, 30,100,V,V,AV,9)	20.0	-117.2	-0.7	-1.5	2.2	0.9	131.9	29.8
(PLNS, 30,100,V,V,AH,3)	20.0	-133.6	-0.7	-0.4	2.2	0.9	149.4	47.3
(PLNS, 30,100,V,V,AH,6)	20.0	-129.0	-0.7	-1.5	2.2	0.9	143.7	41.6
(PLNS, 30,100,V,V,AH,9)	20.0	-125.2	-0.7	-1.5	2.2	0.9	139.9	37.8
(PLNS, 30,100,H,V, P,3)	20.0	-135.1	1.5	-11.6	0.7	0.9	143.4	41.3
(PLNS, 30,100,H,V, P,6)	20.0	-132.4	1.5	-10.0	0.7	0.9	142.3	40.2
(PLNS, 30,100,H,V, P,9)	20.0	-133.8	1.5	-18.5	0.7	0.9	135.2	33.1
(PLNS, 30,100,H,V,AV,3)	20.0	-135.1	1.5	-11.6	0.7	0.9	143.4	41.3
(PLNS, 30,100,H,V,AV,6)	20.0	-132.4	1.5	-10.0	0.7	0.9	142.3	40.2
(PLNS, 30,100,H,V,AV,9)	20.0	-133.8	1.5	-18.5	0.7	0.9	135.2	33.1
(PLNS, 30,100,H,V,AH,3)	20.0	-130.6	1.5	-11.6	0.7	0.9	138.9	36.8
(PLNS, 30,100,H,V,AH,6)	20.0	-129.0	1.5	-10.0	0.7	0.9	138.9	36.8
(PLNS, 30,100,H,V,AH,9)	20.0	-127.5	1.5	-18.5	0.7	0.9	128.9	26.8
(PLNS, 30,100,V,H, P,3)	20.0	-134.0	-0.7	-17.0	2.2	0.9	133.2	31.1
(PLNS, 30,100,V,H, P,6)	20.0	-128.7	-0.7	-18.0	2.2	0.9	126.9	24.8
(PLNS, 30,100,V,H, P,9)	20.0	-125.0	-0.7	-17.2	2.2	0.9	124.0	21.9
(PLNS, 30,100,V,H,AV,3)	20.0	-134.0	-0.7	-17.0	2.2	0.9	133.2	31.1
(PLNS, 30,100,V,H,AV,6)	20.0	-128.7	-0.7	-18.0	2.2	0.9	126.9	24.8
(PLNS, 30,100,V,H,AV,9)	20.0	-125.0	-0.7	-17.2	2.2	0.9	124.0	21.9
(PLNS, 30,100,V,H,AH,3)	20.0	-137.9	-0.7	-17.0	2.2	0.9	137.1	35.0
(PLNS, 30,100,V,H,AH,6)	20.0	-132.5	-0.7	-18.0	2.2	0.9	130.7	28.6
(PLNS, 30,100,V,H,AH,9)	20.0	-129.0	-0.7	-17.2	2.2	0.9	128.0	25.9
(PLNS, 30,100,H,H, P,3)	20.0	-127.8	1.5	1.2	0.7	0.9	148.9	46.8
(PLNS, 30,100,H,H, P,6)	20.0	-119.5	1.5	1.7	0.7	0.9	141.1	39.0
(PLNS, 30,100,H,H, P,9)	20.0	-116.9	1.5	1.2	0.7	0.9	138.0	35.9
(PLNS, 30,100,H,H,AV,3)	20.0	-127.8	1.5	1.2	0.7	0.9	148.9	46.8
(PLNS, 30,100,H,H,AV,6)	20.0	-119.5	1.5	1.7	0.7	0.9	141.1	39.0
(PLNS, 30,100,H,H,AV,9)	20.0	-116.9	1.5	1.2	0.7	0.9	138.0	35.9
(PLNS, 30,100,H,H,AH,3)	20.0	-125.6	1.5	1.2	0.7	0.9	146.7	44.6
(PLNS, 30,100,H,H,AH,6)	20.0	-117.2	1.5	1.7	0.7	0.9	138.8	36.7
(PLNS, 30,100,H,H,AH,9)	20.0	-113.5	1.5	1.2	0.7	0.9	134.6	32.5
(KLIR, 32,100,H,H, P,3)	42.2	-105.0		1.2		0.9	147.5	44.9
(KLIR, 32,100,H,H, P,6)	42.2	-98.6		1.7		0.9	141.6	39.0
(KLIR, 32,100,H,H, P,9)	42.2	-95.9		1.2		0.9	138.4	35.9
(KLIR, 32,100,H,H,AV,3)	42.2	-105.0		1.2		0.9	147.5	44.9
(KLIR, 32,100,H,H,AV,6)	42.2	-98.6		1.7		0.9	141.6	39.0
(KLIR, 32,100,H,H,AV,9)	42.2	-95.9		1.2		0.9	138.4	35.9
(KLIR, 32,100,H,H,AH,3)	42.2	-103.7		1.2		0.9	146.2	43.7
(KLIR, 32,100,H,H,AH,6)	42.2	-97.9		1.7		0.9	140.9	38.3
(KLIR, 32,100,H,H,AH,9)	42.2	-95.8		1.2		0.9	138.3	35.7

COLORADO PLAINS R= 30KM SITE 23

DATE 05-19-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-117.0	-1.0	-5.2	0.1	-0.0	134.7	44.7
(PLNS, 30, 20,V,V,AV,3)	24.0	-117.4	-1.0	-5.2	0.1	-0.0	135.1	47.1
(PLNS, 30, 20,V,V,AH,3)	24.0	-115.4	-1.0	-5.2	0.1	-0.0	133.1	45.1
(PLNS, 30, 50,V,V, P,1)	17.0	-138.9	-2.2	-0.7	1.2	0.2	151.6	55.6
(PLNS, 30, 50,V,V, P,3)	17.0	-137.0	-2.2	2.6	1.2	0.2	153.0	57.0
(PLNS, 30, 50,V,V,AV,1)	17.0	-138.9	-2.2	-0.7	1.2	0.2	151.6	55.6
(PLNS, 30, 50,V,V,AV,3)	17.0	-137.0	-2.2	2.6	1.2	0.2	153.0	57.0
(PLNS, 30, 50,V,V,AH,1)	17.0	-140.1	-2.2	-0.7	1.2	0.2	152.8	54.8
(PLNS, 30, 50,V,V,AH,3)	17.0	-137.9	-2.2	2.6	1.2	0.2	153.9	57.9



COLORADO PLAINS R= 30KM SITE 23

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
02-11-64	***	***	100%	32.5	36.4

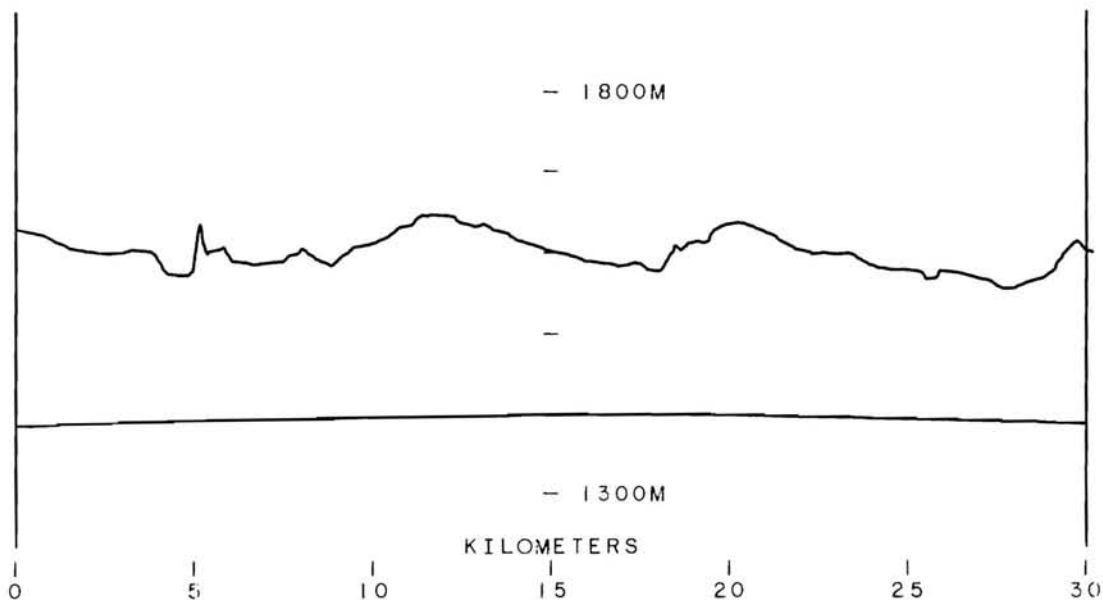
2-WIRE POWER LINE ON WEST SIDE OF ROAD 30FT HIGH, 15FT WEST OF SITE.
 18-WIRE PHONE LINE ON EAST SIDE OF ROAD, 45FT FROM SITE, 17FT HIGH.
 NO OTHER OBSTRUCTIONS IN VIEW ON PATH. HORIZON IS 550FT DOWN PATH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 30,100,V,V, P,3)	20.0	-147.8	-0.6	-0.5	2.2	0.9	163.6	61.5
(PLNS, 30,100,V,V, P,6)	20.0	-145.6	-0.6	-1.7	2.2	0.9	160.2	58.1
(PLNS, 30,100,V,V, P,9)	20.0	-140.7	-0.6	-1.6	2.2	0.9	155.4	53.3
(PLNS, 30,100,V,V,AV,3)	20.0	-129.8	-0.6	-0.5	2.2	0.9	145.6	43.5
(PLNS, 30,100,V,V,AV,6)	20.0	-124.5	-0.6	-1.7	2.2	0.9	139.1	37.0
(PLNS, 30,100,V,V,AV,9)	20.0	-122.0	-0.6	-1.6	2.2	0.9	136.7	34.6
(PLNS, 30,100,V,V,AH,3)	20.0	-139.3	-0.6	-0.5	2.2	0.9	155.1	53.0
(PLNS, 30,100,V,V,AH,6)	20.0	-135.6	-0.6	-1.7	2.2	0.9	150.2	48.1
(PLNS, 30,100,V,V,AH,9)	20.0	-131.8	-0.6	-1.6	2.2	0.9	146.5	44.4
(PLNS, 30,100,H,V, P,3)	20.0	-146.1	1.4	-11.7	0.7	0.9	154.2	52.1
(PLNS, 30,100,H,V, P,6)	20.0	-138.9	1.4	-11.5	0.7	0.9	147.2	45.1
(PLNS, 30,100,H,V, P,9)	20.0	-134.9	1.4	-14.5	0.7	0.9	140.2	38.1
(PLNS, 30,100,H,V,AV,3)	20.0	-145.4	1.4	-11.7	0.7	0.9	153.5	51.4
(PLNS, 30,100,H,V,AV,6)	20.0	-143.4	1.4	-11.5	0.7	0.9	151.7	49.6
(PLNS, 30,100,H,V,AV,9)	20.0	-138.9	1.4	-14.5	0.7	0.9	144.2	42.1
(PLNS, 30,100,H,V,AH,3)	20.0	-146.9	1.4	-11.7	0.7	0.9	155.0	52.9
(PLNS, 30,100,H,V,AH,6)	20.0	-138.8	1.4	-11.5	0.7	0.9	147.1	45.0
(PLNS, 30,100,H,V,AH,9)	20.0	-135.4	1.4	-14.5	0.7	0.9	140.7	38.6
(PLNS, 30,100,V,H, P,3)	20.0	-145.2	-0.6	-17.4	2.2	0.9	144.1	42.0
(PLNS, 30,100,V,H, P,6)	20.0	-143.0	-0.6	-18.1	2.2	0.9	141.2	39.1
(PLNS, 30,100,V,H, P,9)	20.0	-139.3	-0.6	-17.2	2.2	0.9	138.4	36.3
(PLNS, 30,100,V,H,AV,3)	20.0	-135.6	-0.6	-17.4	2.2	0.9	134.5	32.4
(PLNS, 30,100,V,H,AV,6)	20.0	-134.7	-0.6	-18.1	2.2	0.9	132.9	30.8
(PLNS, 30,100,V,H,AV,9)	20.0	-134.3	-0.6	-17.2	2.2	0.9	133.4	31.3
(PLNS, 30,100,V,H,AH,3)	20.0	-144.1	-0.6	-17.4	2.2	0.9	143.0	40.9
(PLNS, 30,100,V,H,AH,6)	20.0	-133.5	-0.6	-18.1	2.2	0.9	131.7	29.6
(PLNS, 30,100,V,H,AH,9)	20.0	-131.7	-0.6	-17.2	2.2	0.9	130.8	28.7
(PLNS, 30,100,H,H, P,3)	20.0	-127.9	1.4	1.2	0.7	0.9	148.9	46.8
(PLNS, 30,100,H,H, P,6)	20.0	-122.8	1.4	1.6	0.7	0.9	144.2	42.2
(PLNS, 30,100,H,H, P,9)	20.0	-121.4	1.4	1.2	0.7	0.9	142.4	40.3
(PLNS, 30,100,H,H,AV,3)	20.0	-129.2	1.4	1.2	0.7	0.9	150.2	48.1
(PLNS, 30,100,H,H,AV,6)	20.0	-124.3	1.4	1.6	0.7	0.9	145.7	43.6
(PLNS, 30,100,H,H,AV,9)	20.0	-122.9	1.4	1.2	0.7	0.9	143.9	41.8
(PLNS, 30,100,H,H,AH,3)	20.0	-127.0	1.4	1.2	0.7	0.9	148.0	45.9
(PLNS, 30,100,H,H,AH,6)	20.0	-121.6	1.4	1.6	0.7	0.9	143.0	40.9
(PLNS, 30,100,H,H,AH,9)	20.0	-120.3	1.4	1.2	0.7	0.9	141.3	39.3
(KLIR, 30,100,H,H, P,3)	42.2	-91.4		0.6		0.9	133.3	31.3
(KLIR, 30,100,H,H, P,6)	42.2	-90.4		1.6		0.9	133.3	31.3
(KLIR, 30,100,H,H, P,9)	42.2	-86.8		1.4		0.9	129.5	27.5
(KLIR, 30,100,H,H,AV,3)	42.2	-94.1		0.6		0.9	136.0	34.0
(KLIR, 30,100,H,H,AV,6)	42.2	-91.4		1.6		0.9	134.3	32.4
(KLIR, 30,100,H,H,AV,9)	42.2	-88.5		1.4		0.9	131.2	29.3
(KLIR, 30,100,H,H,AH,3)	42.2	-92.7		0.6		0.9	134.6	32.6
(KLIR, 30,100,H,H,AH,6)	42.2	-90.2		1.6		0.9	133.1	31.1
(KLIR, 30,100,H,H,AH,9)	42.2	-87.8		1.4		0.9	130.5	28.5

COLORADO PLAINS B= 30KM SITE 24

DATE 05-19-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-113.8	-1.2	0.6	0.1	-0.0	137.1	40.1
(PLNS, 30, 20,V,V,AV,3)	24.0	-115.4	-1.2	0.6	0.1	-0.0	138.7	57.7
(PLNS, 30, 20,V,V,AH,3)	24.0	-115.4	-1.2	0.6	0.1	-0.0	138.7	50.7
(PLNS, 30, 50,V,V, P,1)	17.0	-147.5	-2.2	0.5	1.2	0.2	161.3	65.4
(PLNS, 30, 50,V,V, P,3)	17.0	-141.4	-2.2	6.8	1.2	0.2	161.6	65.6
(PLNS, 30, 50,V,V,AV,1)	17.0	-143.0	-2.2	0.5	1.2	0.2	156.9	67.9
(PLNS, 30, 50,V,V,AV,3)	17.0	-145.0	-2.2	6.8	1.2	0.2	165.1	69.2
(PLNS, 30, 50,V,V,AH,1)	17.0	-138.9	-2.2	0.5	1.2	0.2	152.8	57.8
(PLNS, 30, 50,V,V,AH,3)	17.0	-135.4	-2.2	6.8	1.2	0.2	155.6	50.6



COLORADO PLAINS R= 30KM SITE 24

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN
02-11-64	PRESSURE	TYPE	PERCENT	WET DRY
	24.50	H9	95%	36.5 45.0

2-WIRE POWER LINE ON SOUTH SIDE OF ROAD, 25FT HIGH, 35FT FROM SITE.
 14-WIRE PHONE LINE NORTH SIDE OF ROAD, 6 METERS HIGH, 10FT FROM ANTEN-
 NA. HORIZON 3/4MI AWAY, WITH TREES WHICH PROBABLY ARENT IN THE PATH.
 FEW VERY SMALL TREES ALMOST CLOSED SITE TO TRUCK.

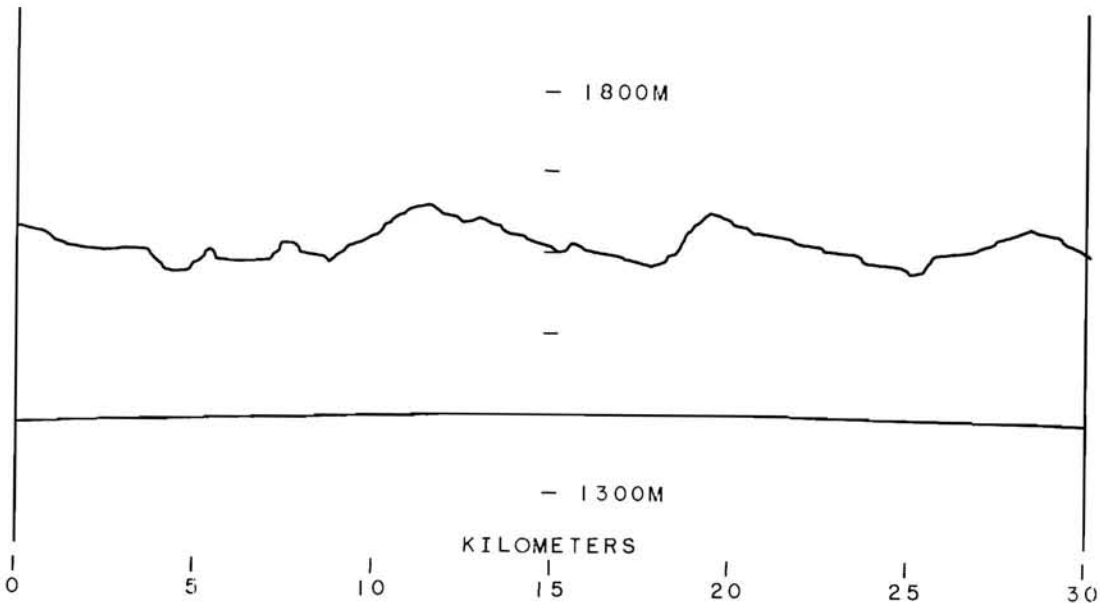
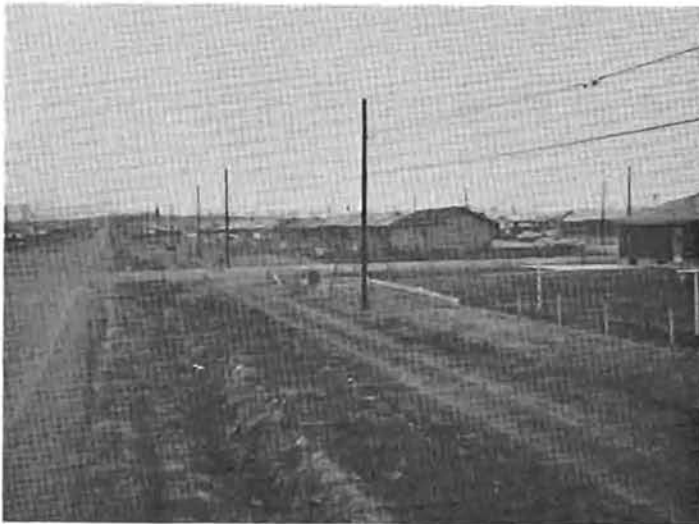
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 30,100,V,V, P,3)	20.0	-133.8	-0.6	0.7	2.2	0.9	150.8	48.7
(PLNS, 30,100,V,V, P,6)	20.0	-129.0	-0.6	-0.8	2.2	0.9	144.5	42.4
(PLNS, 30,100,V,V, P,9)	20.0	-125.9	-0.6	-1.3	2.2	0.9	140.9	38.8
(PLNS, 30,100,V,V,AV,3)	20.0	-126.1	-0.6	0.7	2.2	0.9	143.1	41.0
(PLNS, 30,100,V,V,AV,6)	20.0	-123.0	-0.6	-0.8	2.2	0.9	138.5	36.4
(PLNS, 30,100,V,V,AV,9)	20.0	-120.5	-0.6	-1.3	2.2	0.9	135.5	33.4
(PLNS, 30,100,V,V,AH,3)	20.0	-134.4	-0.6	0.7	2.2	0.9	151.4	49.3
(PLNS, 30,100,V,V,AH,6)	20.0	-130.6	-0.6	-0.8	2.2	0.9	146.1	44.0
(PLNS, 30,100,V,V,AH,9)	20.0	-129.2	-0.6	-1.3	2.2	0.9	144.2	42.1
(PLNS, 30,100,H,V, P,3)	20.0	-139.4	1.4	-20.8	0.7	0.9	138.4	36.3
(PLNS, 30,100,H,V, P,6)	20.0	-148.7	1.4	-14.8	0.7	0.9	153.7	51.6
(PLNS, 30,100,H,V, P,9)	20.0	-143.0	1.4	-18.7	0.7	0.9	144.1	42.0
(PLNS, 30,100,H,V,AV,3)	20.0	-143.7	1.4	-20.8	0.7	0.9	142.7	40.7
(PLNS, 30,100,H,V,AV,6)	20.0	-140.3	1.4	-14.8	0.7	0.9	145.3	43.3
(PLNS, 30,100,H,V,AV,9)	20.0	-136.6	1.4	-18.7	0.7	0.9	137.7	35.6
(PLNS, 30,100,H,V,AH,3)	20.0	-140.2	1.4	-20.8	0.7	0.9	139.2	37.1
(PLNS, 30,100,H,V,AH,6)	20.0	-141.3	1.4	-14.8	0.7	0.9	146.3	44.2
(PLNS, 30,100,H,V,AH,9)	20.0	-140.2	1.4	-18.7	0.7	0.9	141.3	39.2
(PLNS, 30,100,V,H, P,3)	20.0	-139.5	-0.6	-18.5	2.2	0.9	137.3	35.2
(PLNS, 30,100,V,H, P,6)	20.0	-137.9	-0.6	-15.7	2.2	0.9	138.5	36.4
(PLNS, 30,100,V,H, P,9)	20.0	-136.6	-0.6	-16.0	2.2	0.9	136.9	34.8
(PLNS, 30,100,V,H,AV,3)	20.0	-137.9	-0.6	-18.5	2.2	0.9	135.7	33.6
(PLNS, 30,100,V,H,AV,6)	20.0	-136.8	-0.6	-15.7	2.2	0.9	137.4	35.3
(PLNS, 30,100,V,H,AV,9)	20.0	**	-0.6	-16.0	2.2	0.9	**	**
(PLNS, 30,100,V,H,AH,3)	20.0	-150.2	-0.6	-18.5	2.2	0.9	148.0	45.9
(PLNS, 30,100,V,H,AH,6)	20.0	-140.9	-0.6	-15.7	2.2	0.9	141.5	39.4
(PLNS, 30,100,V,H,AH,9)	20.0	-133.0	-0.6	-16.0	2.2	0.9	133.3	31.2
(PLNS, 30,100,H,H, P,3)	20.0	-137.9	1.4	1.1	0.7	0.9	158.8	56.7
(PLNS, 30,100,H,H, P,6)	20.0	-137.0	1.4	1.6	0.7	0.9	158.4	56.3
(PLNS, 30,100,H,H, P,9)	20.0	-129.8	1.4	1.4	0.7	0.9	151.0	48.9
(PLNS, 30,100,H,H,AV,3)	20.0	-135.3	1.4	1.1	0.7	0.9	156.2	54.1
(PLNS, 30,100,H,H,AV,6)	20.0	-129.8	1.4	1.6	0.7	0.9	151.2	49.1
(PLNS, 30,100,H,H,AV,9)	20.0	-122.8	1.4	1.4	0.7	0.9	144.0	42.0
(PLNS, 30,100,H,H,AH,3)	20.0	-131.0	1.4	1.1	0.7	0.9	151.9	49.8
(PLNS, 30,100,H,H,AH,6)	20.0	-126.1	1.4	1.6	0.7	0.9	147.5	45.4
(PLNS, 30,100,H,H,AH,9)	20.0	-118.5	1.4	1.4	0.7	0.9	139.7	37.6
(KLIR, 27,100,H,H, P,3)	42.2	-98.5		0.5		0.9	140.3	39.4
(KLIR, 27,100,H,H, P,6)	42.2	-96.2		1.1		0.9	138.6	37.6
(KLIR, 27,100,H,H, P,9)	42.2	-91.7		0.7		0.9	133.7	32.7
(KLIR, 27,100,H,H,AV,3)	42.2	-98.7		0.5		0.9	140.5	39.6
(KLIR, 27,100,H,H,AV,6)	42.2	-95.3		1.1		0.9	137.7	36.7
(KLIR, 27,100,H,H,AV,9)	42.2	-91.3		0.7		0.9	133.3	32.4
(KLIR, 27,100,H,H,AH,3)	42.2	-95.8		0.5		0.9	137.6	36.7
(KLIR, 27,100,H,H,AH,6)	42.2	-93.5		1.1		0.9	135.9	35.0
(KLIR, 27,100,H,H,AH,9)	42.2	-90.8		0.7		0.9	132.8	31.8

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 30KM SITE 25

DATE 05-19-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-117.0	-1.5	-1.5	0.1	-0.0	137.9	49.9
(PLNS, 30, 20,V,V,AV,3)	24.0	-117.0	-1.5	-1.5	0.1	-0.0	137.9	49.9
(PLNS, 30, 20,V,V,AH,3)	24.0	-116.9	-1.5	-1.5	0.1	-0.0	137.8	49.8
(PLNS, 30, 50,V,V, P,1)	17.0	-143.0	-2.2	2.2	1.2	0.2	158.6	62.6
(PLNS, 30, 50,V,V, P,3)	17.0	-141.4	-2.2	5.0	1.2	0.2	159.8	63.8
(PLNS, 30, 50,V,V,AV,1)	17.0	-143.0	-2.2	2.2	1.2	0.2	158.6	62.6
(PLNS, 30, 50,V,V,AV,3)	17.0	-141.4	-2.2	5.0	1.2	0.2	159.8	63.8
(PLNS, 30, 50,V,V,AH,1)	17.0	-145.0	-2.2	2.2	1.2	0.2	160.5	64.6
(PLNS, 30, 50,V,V,AH,3)	17.0	-138.9	-2.2	5.0	1.2	0.2	157.3	61.3



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
02-11-64	PRESSURE	TYPE	PERCENT	WET	DRY
	24.64	H9	100%	36.8	47.1

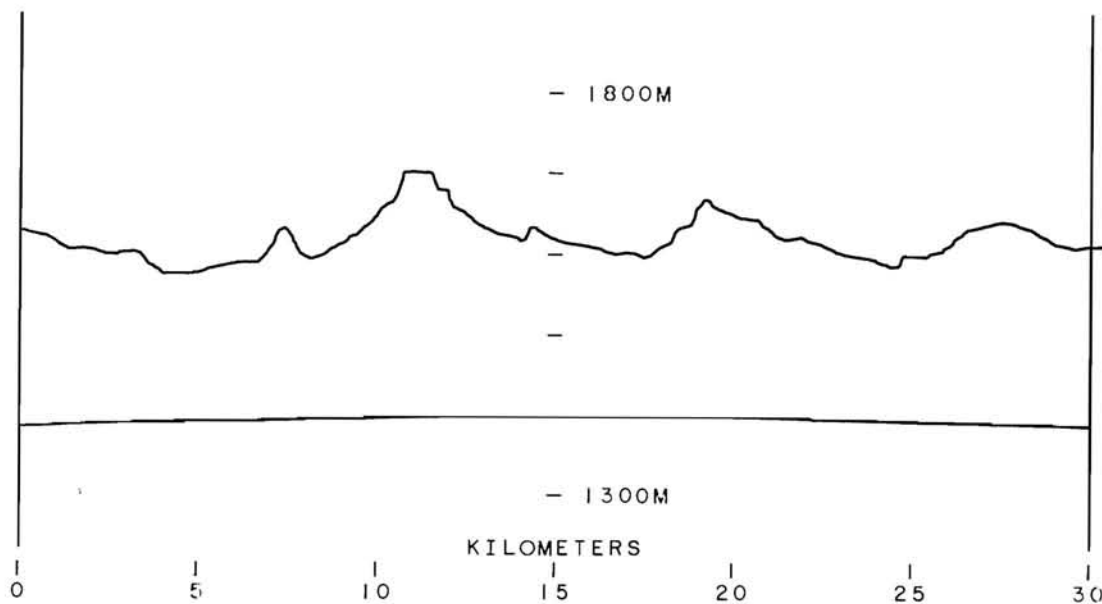
SEMI-RURAL AREA - 1-STORY BRICK HOUSES DOWN PATH (NO TREES), CLOSEST HOUSE 150FT. HEAVY PHONE CABLE ON NORTH SIDE OF ROAD, 25FT HIGH, 60 FT FROM ANTENNA. 3-WIRE POWER LINE ON SOUTH SIDE OF ROAD, 35FT HIGH, 65FT FROM ANTENNA. OPEN COUNTRY ON SOUTH SIDE OF ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-134.8	-0.6	0.7	2.2	0.9	151.8	49.7
(PLNS, 30,100,V,V, P,6)	20.0	-130.6	-0.6	-0.9	2.2	0.9	146.0	43.9
(PLNS, 30,100,V,V, P,9)	20.0	-127.9	-0.6	-1.4	2.2	0.9	142.8	40.7
(PLNS, 30,100,V,V,AV,3)	20.0	-134.8	-0.6	0.7	2.2	0.9	151.8	49.7
(PLNS, 30,100,V,V,AV,6)	20.0	-130.6	-0.6	-0.9	2.2	0.9	146.0	43.9
(PLNS, 30,100,V,V,AV,9)	20.0	-127.9	-0.6	-1.4	2.2	0.9	142.8	40.7
(PLNS, 30,100,V,V,AH,3)	20.0	-139.2	-0.6	0.7	2.2	0.9	156.2	54.1
(PLNS, 30,100,V,V,AH,6)	20.0	-134.4	-0.6	-0.9	2.2	0.9	149.8	47.7
(PLNS, 30,100,V,V,AH,9)	20.0	-130.4	-0.6	-1.4	2.2	0.9	145.3	43.2
(PLNS, 30,100,H,V, P,3)	20.0	-145.0	1.3	-24.5	0.7	0.9	140.2	38.1
(PLNS, 30,100,H,V, P,6)	20.0	-140.3	1.3	-15.5	0.7	0.9	144.5	42.5
(PLNS, 30,100,H,V, P,9)	20.0	-137.2	1.3	-19.5	0.7	0.9	137.4	35.3
(PLNS, 30,100,H,V,AV,3)	20.0	-145.0	1.3	-24.5	0.7	0.9	140.2	38.1
(PLNS, 30,100,H,V,AV,6)	20.0	-140.3	1.3	-15.5	0.7	0.9	144.5	42.5
(PLNS, 30,100,H,V,AV,9)	20.0	-137.2	1.3	-19.5	0.7	0.9	137.4	35.3
(PLNS, 30,100,H,V,AH,3)	20.0	-144.3	1.3	-24.5	0.7	0.9	139.5	37.4
(PLNS, 30,100,H,V,AH,6)	20.0	-140.7	1.3	-15.5	0.7	0.9	144.9	42.8
(PLNS, 30,100,H,V,AH,9)	20.0	-137.4	1.3	-19.5	0.7	0.9	137.6	35.6
(PLNS, 30,100,V,H, P,3)	20.0	-144.1	-0.6	-18.5	2.2	0.9	141.9	39.8
(PLNS, 30,100,V,H, P,6)	20.0	-141.3	-0.6	-15.7	2.2	0.9	141.9	39.8
(PLNS, 30,100,V,H, P,9)	20.0	-138.5	-0.6	-16.0	2.2	0.9	138.8	36.7
(PLNS, 30,100,V,H,AV,3)	20.0	-144.1	-0.6	-18.5	2.2	0.9	141.9	39.8
(PLNS, 30,100,V,H,AV,6)	20.0	-141.3	-0.6	-15.7	2.2	0.9	141.9	39.8
(PLNS, 30,100,V,H,AV,9)	20.0	-138.5	-0.6	-16.0	2.2	0.9	138.8	36.7
(PLNS, 30,100,V,H,AH,3)	20.0	-144.3	-0.6	-18.5	2.2	0.9	142.1	40.0
(PLNS, 30,100,V,H,AH,6)	20.0	-148.7	-0.6	-15.7	2.2	0.9	149.3	47.2
(PLNS, 30,100,V,H,AH,9)	20.0	-144.3	-0.6	-16.0	2.2	0.9	144.6	42.5
(PLNS, 30,100,H,H, P,3)	20.0	-141.2	1.3	1.2	0.7	0.9	162.1	60.0
(PLNS, 30,100,H,H, P,6)	20.0	-137.7	1.3	1.6	0.7	0.9	159.0	56.9
(PLNS, 30,100,H,H, P,9)	20.0	-136.2	1.3	1.3	0.7	0.9	157.2	55.1
(PLNS, 30,100,H,H,AV,3)	20.0	-141.2	1.3	1.2	0.7	0.9	162.1	60.0
(PLNS, 30,100,H,H,AV,6)	20.0	-137.7	1.3	1.6	0.7	0.9	159.0	56.9
(PLNS, 30,100,H,H,AV,9)	20.0	-136.2	1.3	1.3	0.7	0.9	157.2	55.1
(PLNS, 30,100,H,H,AH,3)	20.0	-135.2	1.3	1.2	0.7	0.9	156.1	54.0
(PLNS, 30,100,H,H,AH,6)	20.0	-131.0	1.3	1.6	0.7	0.9	152.3	50.2
(PLNS, 30,100,H,H,AH,9)	20.0	-128.7	1.3	1.3	0.7	0.9	149.7	47.6
(KLIR, 25,100,H,H, P,3)	42.2	-95.3		0.5		0.9	137.1	36.6
(KLIR, 25,100,H,H, P,6)	42.2	-91.0		1.1		0.9	133.4	32.9
(KLIR, 25,100,H,H, P,9)	42.2	-89.0		0.7		0.9	131.0	30.6
(KLIR, 25,100,H,H,AV,3)	42.2	-95.3		0.5		0.9	137.1	36.6
(KLIR, 25,100,H,H,AV,6)	42.2	-91.0		1.1		0.9	133.4	32.9
(KLIR, 25,100,H,H,AV,9)	42.2	-89.0		0.7		0.9	131.0	30.6
(KLIR, 25,100,H,H,AH,3)	42.2	-96.0		0.5		0.9	137.8	37.4
(KLIR, 25,100,H,H,AH,6)	42.2	-93.5		1.1		0.9	135.9	35.4
(KLIR, 25,100,H,H,AH,9)	42.2	-90.2		0.7		0.9	132.2	31.7

COLORADO PLAINS B= 30KM SITE 26

DATE 05-19-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-119.2	-1.7	0.2	0.1	-0.0	141.5	53.5
(PLNS, 30, 20,V,V,AV,3)	24.0	-117.4	-1.7	0.2	0.1	-0.0	139.8	51.8
(PLNS, 30, 20,V,V,AH,3)	24.0	-118.4	-1.7	0.2	0.1	-0.0	140.8	52.8
(PLNS, 30, 50,V,V, P,1)	17.0	-132.9	-2.2	1.2	1.2	0.2	147.5	51.5
(PLNS, 30, 50,V,V, P,3)	17.0	-129.8	-2.2	6.5	1.2	0.2	149.7	51.7
(PLNS, 30, 50,V,V,AV,1)	17.0	-138.9	-2.2	1.2	1.2	0.2	153.5	57.5
(PLNS, 30, 50,V,V,AV,3)	17.0	-137.9	-2.2	6.5	1.2	0.2	157.8	61.8
(PLNS, 30, 50,V,V,AH,1)	17.0	-134.1	-2.2	1.2	1.2	0.2	148.7	52.7
(PLNS, 30, 50,V,V,AH,3)	17.0	-137.0	-2.2	6.5	1.2	0.2	156.9	61.9



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
02-11-64	PRESSURE	TYPE	PERCENT	WET	DRY
	24.40	H9	90%	41.5	57.5

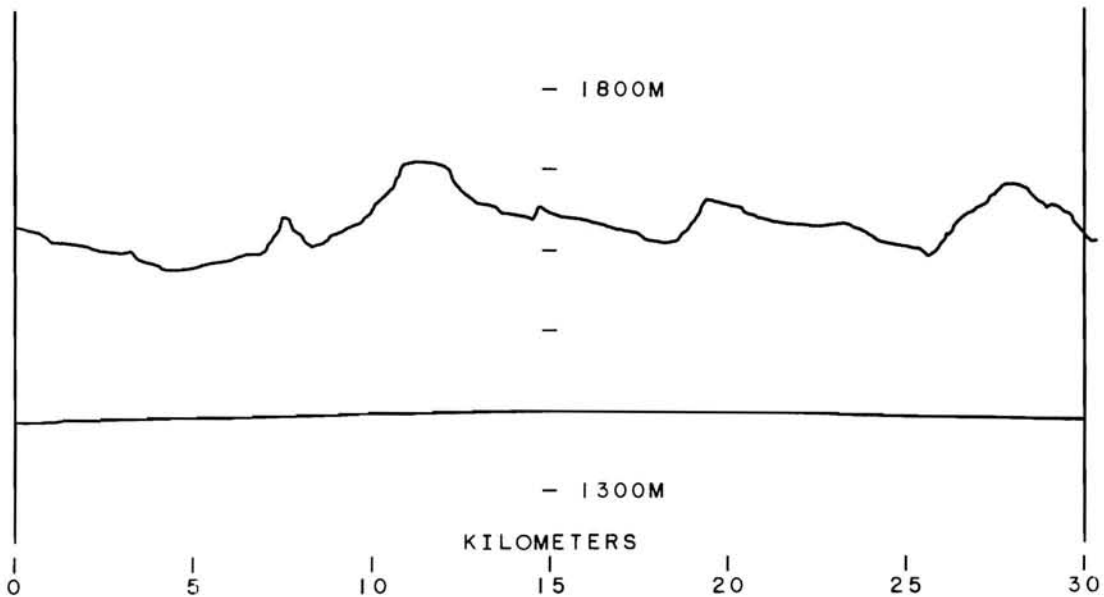
NEW 1-STORY BRICK HOUSES (NO TREES HIGHER THAN HOUSES) DOWN PATH. CLOSEST HOUSE 150FT. POWER LINE ON NORTH SIDE OF ANTENNA ABOUT 50FT AWAY HAS 3 WIRES AT 35FT, ALSO 3 HEAVY PHONE WIRES SPACED VERTICALLY WITH CENTER ABOUT 22FT ABOVE GROUND AND INCREMENTS OF 4 1/2FT. 2 POWER LINES TO THE SOUTH WITH WIRES, 1 ABOUT 40FT FROM ANTENNA, THE OTHER AT 120FT FROM THE ANTENNA.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-131.8	-0.6	0.6	2.2	0.9	148.7	46.7
(PLNS, 30,100,V,V, P,6)	20.0	-130.4	-0.6	-1.0	2.2	0.9	145.7	43.6
(PLNS, 30,100,V,V, P,9)	20.0	-127.3	-0.6	-1.4	2.2	0.9	142.2	40.1
(PLNS, 30,100,V,V,AV,3)	20.0	-130.4	-0.6	0.6	2.2	0.9	147.3	45.2
(PLNS, 30,100,V,V,AV,6)	20.0	-126.9	-0.6	-1.0	2.2	0.9	142.2	40.1
(PLNS, 30,100,V,V,AV,9)	20.0	-124.9	-0.6	-1.4	2.2	0.9	139.8	37.7
(PLNS, 30,100,V,V,AH,3)	20.0	-132.1	-0.6	0.6	2.2	0.9	149.0	46.9
(PLNS, 30,100,V,V,AH,6)	20.0	-128.1	-0.6	-1.0	2.2	0.9	143.4	41.3
(PLNS, 30,100,V,V,AH,9)	20.0	-126.1	-0.6	-1.4	2.2	0.9	141.0	38.9
(PLNS, 30,100,H,V, P,3)	20.0	-143.0	1.3	-24.5	0.7	0.9	138.2	36.1
(PLNS, 30,100,H,V, P,6)	20.0	-146.9	1.3	-17.5	0.7	0.9	149.1	47.0
(PLNS, 30,100,H,V, P,9)	20.0	-143.0	1.3	-20.7	0.7	0.9	142.0	39.9
(PLNS, 30,100,H,V,AV,3)	20.0	-134.7	1.3	-24.5	0.7	0.9	129.9	27.8
(PLNS, 30,100,H,V,AV,6)	20.0	-138.1	1.3	-17.5	0.7	0.9	140.3	38.2
(PLNS, 30,100,H,V,AV,9)	20.0	-136.2	1.3	-20.7	0.7	0.9	135.2	33.1
(PLNS, 30,100,H,V,AH,3)	20.0	-144.7	1.3	-24.5	0.7	0.9	139.9	37.9
(PLNS, 30,100,H,V,AH,6)	20.0	-141.7	1.3	-17.5	0.7	0.9	143.9	41.8
(PLNS, 30,100,H,V,AH,9)	20.0	-137.2	1.3	-20.7	0.7	0.9	136.2	34.1
(PLNS, 30,100,V,H, P,3)	20.0	-140.3	-0.6	-18.5	2.2	0.9	138.1	36.1
(PLNS, 30,100,V,H, P,6)	20.0	-138.8	-0.6	-15.6	2.2	0.9	139.5	37.4
(PLNS, 30,100,V,H, P,9)	20.0	-137.0	-0.6	-16.0	2.2	0.9	137.3	35.2
(PLNS, 30,100,V,H,AV,3)	20.0	-136.6	-0.6	-18.5	2.2	0.9	134.4	32.3
(PLNS, 30,100,V,H,AV,6)	20.0	-134.5	-0.6	-15.6	2.2	0.9	135.2	33.1
(PLNS, 30,100,V,H,AV,9)	20.0	-131.3	-0.6	-16.0	2.2	0.9	131.6	29.5
(PLNS, 30,100,V,H,AH,3)	20.0	-137.9	-0.6	-18.5	2.2	0.9	135.7	33.6
(PLNS, 30,100,V,H,AH,6)	20.0	-137.9	-0.6	-15.6	2.2	0.9	138.6	36.5
(PLNS, 30,100,V,H,AH,9)	20.0	-135.8	-0.6	-16.0	2.2	0.9	136.1	34.0
(PLNS, 30,100,H,H, P,3)	20.0	-132.1	1.3	1.3	0.7	0.9	153.1	51.0
(PLNS, 30,100,H,H, P,6)	20.0	-134.0	1.3	1.6	0.7	0.9	155.3	53.2
(PLNS, 30,100,H,H, P,9)	20.0	-131.0	1.3	1.3	0.7	0.9	152.0	49.9
(PLNS, 30,100,H,H,AV,3)	20.0	-135.3	1.3	1.3	0.7	0.9	156.3	54.2
(PLNS, 30,100,H,H,AV,6)	20.0	-130.8	1.3	1.6	0.7	0.9	152.1	50.0
(PLNS, 30,100,H,H,AV,9)	20.0	-127.6	1.3	1.3	0.7	0.9	148.6	46.5
(PLNS, 30,100,H,H,AH,3)	20.0	-130.6	1.3	1.3	0.7	0.9	151.6	49.5
(PLNS, 30,100,H,H,AH,6)	20.0	-128.9	1.3	1.6	0.7	0.9	150.2	48.1
(PLNS, 30,100,H,H,AH,9)	20.0	-126.4	1.3	1.3	0.7	0.9	147.4	45.3
(KLIR, 23,100,H,H, P,3)	42.2	-98.7		0.5		0.9	140.5	40.7
(KLIR, 23,100,H,H, P,6)	42.2	-100.3		1.1		0.9	142.7	43.0
(KLIR, 23,100,H,H, P,9)	42.2	-95.3		0.7		0.9	137.3	37.5
(KLIR, 23,100,H,H,AV,3)	42.2	-100.0		0.5		0.9	141.8	42.0
(KLIR, 23,100,H,H,AV,6)	42.2	-92.9		1.1		0.9	135.3	35.5
(KLIR, 23,100,H,H,AV,9)	42.2	-94.9		0.7		0.9	136.9	37.1
(KLIR, 23,100,H,H,AH,3)	42.2	-101.4		0.5		0.9	143.2	43.4
(KLIR, 23,100,H,H,AH,6)	42.2	-98.4		1.1		0.9	140.8	41.0
(KLIR, 23,100,H,H,AH,9)	42.2	-98.4		0.7		0.9	140.4	40.6

COLORADO PLAINS B= 30KM SITE 27

DATE 10-11-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-124.1	-2.3	-0.2	0.1	-0.0	145.5	57.5
(PLNS, 30, 20,V,V,AV,3)	24.0	-125.5	-2.3	-0.2	0.1	-0.0	146.9	58.9
(PLNS, 30, 20,V,V,AH,3)	24.0	-124.1	-2.3	-0.2	0.1	-0.0	145.5	57.5
(PLNS, 30, 50,V,V, P,1)	24.0	-138.8	-2.2	1.7	1.2	0.2	160.9	64.9
(PLNS, 30, 50,V,V, P,3)	24.0	-132.1	-2.2	6.2	1.2	0.2	158.7	62.7
(PLNS, 30, 50,V,V,AV,1)	24.0	-137.0	-2.2	1.7	1.2	0.2	159.1	63.1
(PLNS, 30, 50,V,V,AV,3)	24.0	-133.9	-2.2	6.2	1.2	0.2	160.5	64.5
(PLNS, 30, 50,V,V,AH,1)	24.0	-138.8	-2.2	1.7	1.2	0.2	160.9	64.9
(PLNS, 30, 50,V,V,AH,3)	24.0	-132.1	-2.2	6.2	1.2	0.2	158.7	62.7



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE **.**	CLOUD TYPE CLEAR	COVER PERCENT 0%	ASSMAN	
				WET 24.7	DRY 24.5

4-WIRE POWER LINE NORTH SIDE OF ROAD. 15FT FROM ANTENNA, 25FT ABOVE SITE, 4-WIRE POWER LINE SOUTH SIDE OF ROAD 60FT FROM ANTENNA, 35FT ABOVE SITE. NUMEROUS POWER LINES BETWEEN SITE AND HORIZON, ONLY 1 ABOVE HORIZON. HORIZON IS 1MI, BARREN, MAY BE 100FT ABOVE SITE.

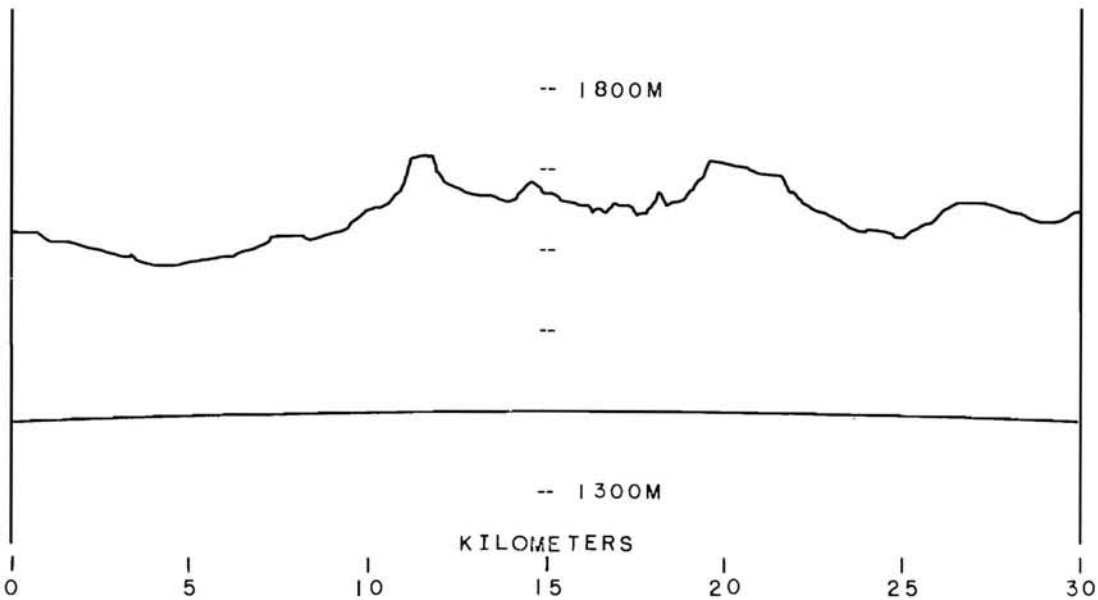
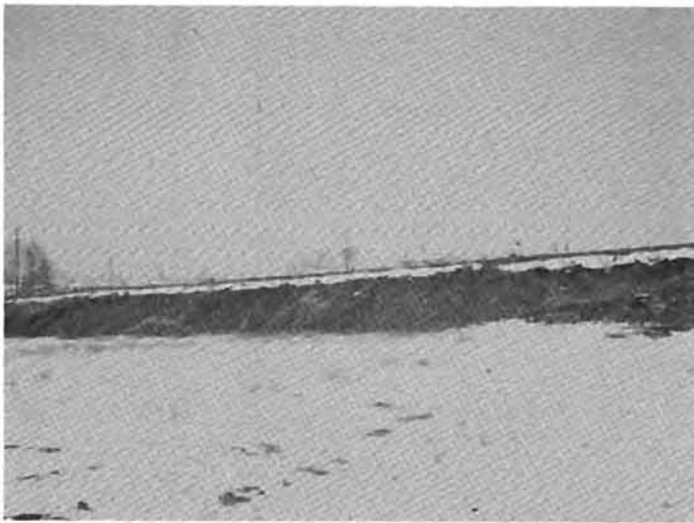
(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-151.9	-0.5	0.5	2.2	0.9	168.8	66.7
(PLNS, 30,100,V,V, P,6)	20.0	-147.8	-0.5	-1.1	2.2	0.9	163.1	61.0
(PLNS, 30,100,V,V, P,9)	20.0	-146.4	-0.5	-1.6	2.2	0.9	161.2	59.1
(PLNS, 30,100,V,V,AV,3)	20.0	-141.7	-0.5	0.5	2.2	0.9	158.6	56.5
(PLNS, 30,100,V,V,AV,6)	20.0	-139.7	-0.5	-1.1	2.2	0.9	155.0	52.9
(PLNS, 30,100,V,V,AV,9)	20.0	-138.6	-0.5	-1.6	2.2	0.9	153.4	51.3
(PLNS, 30,100,V,V,AH,3)	20.0	-151.9	-0.5	0.5	2.2	0.9	168.8	66.7
(PLNS, 30,100,V,V,AH,6)	20.0	-147.8	-0.5	-1.1	2.2	0.9	163.1	61.0
(PLNS, 30,100,V,V,AH,9)	20.0	-146.4	-0.5	-1.6	2.2	0.9	161.2	59.1
(PLNS, 30,100,H,V, P,3)	20.0	-146.4	1.2	-24.2	0.7	0.9	141.8	39.7
(PLNS, 30,100,H,V, P,6)	20.0	-148.1	1.2	-18.0	0.7	0.9	149.7	47.6
(PLNS, 30,100,H,V, P,9)	20.0	-146.4	1.2	-21.0	0.7	0.9	145.0	42.9
(PLNS, 30,100,H,V,AV,3)	20.0	-147.5	1.2	-24.2	0.7	0.9	142.9	40.8
(PLNS, 30,100,H,V,AV,6)	20.0	-148.1	1.2	-18.0	0.7	0.9	149.7	47.6
(PLNS, 30,100,H,V,AV,9)	20.0	-148.1	1.2	-21.0	0.7	0.9	146.7	44.6
(PLNS, 30,100,H,V,AH,3)	20.0	-146.4	1.2	-24.2	0.7	0.9	141.8	39.7
(PLNS, 30,100,H,V,AH,6)	20.0	-148.1	1.2	-18.0	0.7	0.9	149.7	47.6
(PLNS, 30,100,H,V,AH,9)	20.0	-146.4	1.2	-21.0	0.7	0.9	145.0	42.9
(PLNS, 30,100,V,H, P,3)	20.0	-149.4	-0.5	-18.4	2.2	0.9	147.4	45.3
(PLNS, 30,100,V,H, P,6)	20.0	-151.4	-0.5	-15.6	2.2	0.9	152.2	50.1
(PLNS, 30,100,V,H, P,9)	20.0	-151.4	-0.5	-15.9	2.2	0.9	151.9	49.8
(PLNS, 30,100,V,H,AV,3)	20.0	-145.2	-0.5	-18.4	2.2	0.9	143.2	41.1
(PLNS, 30,100,V,H,AV,6)	20.0	-146.1	-0.5	-15.6	2.2	0.9	146.9	44.8
(PLNS, 30,100,V,H,AV,9)	20.0	-146.1	-0.5	-15.9	2.2	0.9	146.6	44.5
(PLNS, 30,100,V,H,AH,3)	20.0	-149.4	-0.5	-18.4	2.2	0.9	147.4	45.3
(PLNS, 30,100,V,H,AH,6)	20.0	-151.4	-0.5	-15.6	2.2	0.9	152.2	50.1
(PLNS, 30,100,V,H,AH,9)	20.0	-151.4	-0.5	-15.9	2.2	0.9	151.9	49.8
(PLNS, 30,100,H,H, P,3)	20.0	-137.0	1.2	1.4	0.7	0.9	158.0	55.9
(PLNS, 30,100,H,H, P,6)	20.0	-138.8	1.2	1.5	0.7	0.9	159.9	57.8
(PLNS, 30,100,H,H, P,9)	20.0	-138.8	1.2	1.3	0.7	0.9	159.7	57.6
(PLNS, 30,100,H,H,AV,3)	20.0	-142.8	1.2	1.4	0.7	0.9	163.8	61.8
(PLNS, 30,100,H,H,AV,6)	20.0	-143.7	1.2	1.5	0.7	0.9	164.8	62.8
(PLNS, 30,100,H,H,AV,9)	20.0	-139.2	1.2	1.3	0.7	0.9	160.1	58.0
(PLNS, 30,100,H,H,AH,3)	20.0	-137.0	1.2	1.4	0.7	0.9	158.0	55.9
(PLNS, 30,100,H,H,AH,6)	20.0	-138.8	1.2	1.5	0.7	0.9	159.9	57.8
(PLNS, 30,100,H,H,AH,9)	20.0	-138.8	1.2	1.3	0.7	0.9	159.7	57.6
(KLIR, 20,100,H,H, P,3)	42.2	-98.7		0.4		0.9	140.4	41.8
(KLIR, 20,100,H,H, P,6)	42.2	-96.4		1.1		0.9	138.8	40.2
(KLIR, 20,100,H,H, P,9)	42.2	-94.1		0.7		0.9	136.1	37.5
(KLIR, 20,100,H,H,AV,3)	42.2	-97.9		0.4		0.9	139.6	41.0
(KLIR, 20,100,H,H,AV,6)	42.2	-96.4		1.1		0.9	138.8	40.2
(KLIR, 20,100,H,H,AV,9)	42.2	-95.6		0.7		0.9	137.6	39.0
(KLIR, 20,100,H,H,AH,3)	42.2	-98.7		0.4		0.9	140.4	41.8
(KLIR, 20,100,H,H,AH,6)	42.2	-96.4		1.1		0.9	138.8	40.2
(KLIR, 20,100,H,H,AH,9)	42.2	-94.1		0.7		0.9	136.1	37.5

COLORADO PLAINS B= 30KM SITE 28

DATE 10-11-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS: 30, 20,V,V, P,3)	24.0	-121.2	-3.1	-0.7	0.1	-0.0	141.3	53.3
(PLNS: 30, 20,V,V,AV,3)	24.0	-123.0	-3.1	-0.7	0.1	-0.0	143.1	55.1
(PLNS: 30, 20,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS: 30, 50,V,V, P,1)	24.0	-134.2	-2.2	2.0	1.2	0.2	156.6	60.6
(PLNS: 30, 50,V,V, P,3)	24.0	-127.5	-2.2	5.7	1.2	0.2	153.6	57.6
(PLNS: 30, 50,V,V,AV,1)	24.0	-133.0	-2.2	2.0	1.2	0.2	155.4	59.4
(PLNS: 30, 50,V,V,AV,3)	24.0	-134.5	-2.2	5.7	1.2	0.2	160.6	64.6
(PLNS: 30, 50,V,V,AH,1)	*	*	*	*	*	*	*	*
(PLNS: 30, 50,V,V,AH,3)	*	*	*	*	*	*	*	*

* NO MEASUREMENT ATTEMPTED



COLORADO PLAINS B= 30KM SITE 28

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
02-13-64	24.48	CLEAR	0%	28.8	37.0

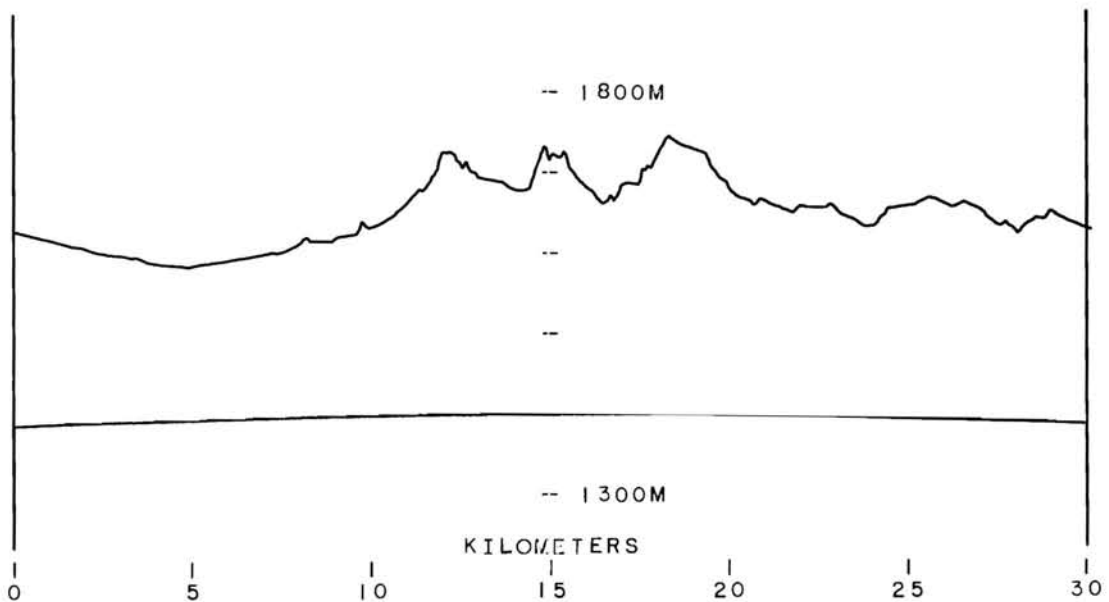
RESIDENTIAL AREA TO SOUTH AND DOWN PATH (LATTER BELOW THE HORIZON).
 FILL FROM TURNPIKE CROSSES 70FT DOWN PATH. HORIZON ABOUT 3MI AWAY.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-134.9	-0.5	0.2	2.2	0.9	151.5	49.4
(PLNS, 30,100,V,V, P,6)	20.0	-129.0	-0.5	-1.2	2.2	0.9	144.2	42.1
(PLNS, 30,100,V,V, P,9)	20.0	-124.5	-0.5	-1.6	2.2	0.9	139.3	37.2
(PLNS, 30,100,V,V,AV,3)	20.0	-128.4	-0.5	0.2	2.2	0.9	145.0	42.9
(PLNS, 30,100,V,V,AV,6)	20.0	-124.9	-0.5	-1.2	2.2	0.9	140.1	38.0
(PLNS, 30,100,V,V,AV,9)	20.0	-120.7	-0.5	-1.6	2.2	0.9	135.5	33.4
(PLNS, 30,100,V,V,AH,3)	20.0	-131.5	-0.5	0.2	2.2	0.9	148.1	46.0
(PLNS, 30,100,V,V,AH,6)	20.0	-126.6	-0.5	-1.2	2.2	0.9	141.8	39.7
(PLNS, 30,100,V,V,AH,9)	20.0	-124.9	-0.5	-1.6	2.2	0.9	139.7	37.6
(PLNS, 30,100,H,V, P,3)	20.0	-138.7	1.1	-22.8	0.7	0.9	135.4	33.3
(PLNS, 30,100,H,V, P,6)	20.0	-135.3	1.1	-17.5	0.7	0.9	137.3	35.2
(PLNS, 30,100,H,V, P,9)	20.0	-134.3	1.1	-21.0	0.7	0.9	132.8	30.7
(PLNS, 30,100,H,V,AV,3)	20.0	-141.6	1.1	-22.8	0.7	0.9	138.3	36.2
(PLNS, 30,100,H,V,AV,6)	20.0	-140.2	1.1	-17.5	0.7	0.9	142.2	40.1
(PLNS, 30,100,H,V,AV,9)	20.0	-136.5	1.1	-21.0	0.7	0.9	135.0	32.9
(PLNS, 30,100,H,V,AH,3)	20.0	-143.6	1.1	-22.8	0.7	0.9	140.3	38.2
(PLNS, 30,100,H,V,AH,6)	20.0	-141.4	1.1	-17.5	0.7	0.9	143.4	41.3
(PLNS, 30,100,H,V,AH,9)	20.0	-138.9	1.1	-21.0	0.7	0.9	137.4	35.3
(PLNS, 30,100,V,H, P,3)	20.0	-141.2	-0.5	-17.5	2.2	0.9	140.1	38.0
(PLNS, 30,100,V,H, P,6)	20.0	-136.2	-0.5	-15.5	2.2	0.9	137.1	35.0
(PLNS, 30,100,V,H, P,9)	20.0	-133.2	-0.5	-15.9	2.2	0.9	133.7	31.6
(PLNS, 30,100,V,H,AV,3)	20.0	-136.5	-0.5	-17.5	2.2	0.9	135.4	33.3
(PLNS, 30,100,V,H,AV,6)	20.0	-138.9	-0.5	-15.5	2.2	0.9	139.8	37.7
(PLNS, 30,100,V,H,AV,9)	20.0	-138.9	-0.5	-15.9	2.2	0.9	139.4	37.3
(PLNS, 30,100,V,H,AH,3)	20.0	-139.2	-0.5	-17.5	2.2	0.9	138.1	36.0
(PLNS, 30,100,V,H,AH,6)	20.0	-135.6	-0.5	-15.5	2.2	0.9	136.5	34.4
(PLNS, 30,100,V,H,AH,9)	20.0	-133.0	-0.5	-15.9	2.2	0.9	133.5	31.4
(PLNS, 30,100,H,H, P,3)	20.0	-134.4	1.1	1.5	0.7	0.9	155.4	53.3
(PLNS, 30,100,H,H, P,6)	20.0	-128.7	1.1	1.4	0.7	0.9	149.6	47.5
(PLNS, 30,100,H,H, P,9)	20.0	-125.4	1.1	1.2	0.7	0.9	146.1	44.0
(PLNS, 30,100,H,H,AV,3)	20.0	-126.9	1.1	1.5	0.7	0.9	147.9	45.8
(PLNS, 30,100,H,H,AV,6)	20.0	-124.1	1.1	1.4	0.7	0.9	145.0	42.9
(PLNS, 30,100,H,H,AV,9)	20.0	-121.9	1.1	1.2	0.7	0.9	142.6	40.5
(PLNS, 30,100,H,H,AH,3)	20.0	-126.9	1.1	1.5	0.7	0.9	147.9	45.8
(PLNS, 30,100,H,H,AH,6)	20.0	-125.4	1.1	1.4	0.7	0.9	146.3	44.2
(PLNS, 30,100,H,H,AH,9)	20.0	-121.7	1.1	1.2	0.7	0.9	142.4	40.3
(KLIR, 17,100,H,H, P,3)	42.2	-74.7		0.1		0.9	116.1	18.9
(KLIR, 17,100,H,H, P,6)	42.2	-74.0		1.1		0.9	116.4	19.2
(KLIR, 17,100,H,H, P,9)	42.2	-71.0		0.8		0.9	113.1	15.9
(KLIR, 17,100,H,H,AV,3)	42.2	-75.5		0.1		0.9	116.9	19.7
(KLIR, 17,100,H,H,AV,6)	42.2	-72.7		1.1		0.9	115.1	17.9
(KLIR, 17,100,H,H,AV,9)	42.2	-69.0		0.8		0.9	111.1	13.9
(KLIR, 17,100,H,H,AH,3)	42.2	-79.2		0.1		0.9	120.6	23.4
(KLIR, 17,100,H,H,AH,6)	42.2	-76.3		1.1		0.9	118.7	21.5
(KLIR, 17,100,H,H,AH,9)	42.2	-72.8		0.8		0.9	114.9	17.7

COLORADO PLAINS B= 30KM SITE 29

DATE 10-11-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-130.0	-3.4	-3.6	0.1	-0.0	146.9	58.9
(PLNS, 30, 20,V,V,AV,3)	24.0	-124.0	-3.4	-3.6	0.1	-0.0	140.9	52.9
(PLNS, 30, 20,V,V,AH,3)	24.0	-124.2	-3.4	-3.6	0.1	-0.0	141.1	53.1
(PLNS, 30, 50,V,V, P,1)	24.0	-143.5	-2.2	-3.1	1.2	0.2	160.8	64.8
(PLNS, 30, 50,V,V, P,3)	24.0	-140.0	-2.2	-1.6	1.2	0.2	158.8	62.8
(PLNS, 30, 50,V,V,AV,1)	24.0	-138.5	-2.2	-3.1	1.2	0.2	155.8	59.8
(PLNS, 30, 50,V,V,AV,3)	24.0	-142.0	-2.2	-1.6	1.2	0.2	160.8	64.8
(PLNS, 30, 50,V,V,AH,1)	24.0	-137.0	-2.2	-3.1	1.2	0.2	154.3	58.3
(PLNS, 30, 50,V,V,AH,3)	24.0	-142.2	-2.2	-1.6	1.2	0.2	161.0	65.0



COLORADO PLAINS B= 30KM SITF 29

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
02-13-64	24.47	CLEAR	0%	34.9	50.5

GROUND RISES TO 150FT HIGHER THAN SITE AT 1/2MI. GROUND FALLS AWAY TO SOUTH. HORIZON STUDED WITH TREES BUT BELIEVE PATH IS CLEAR.

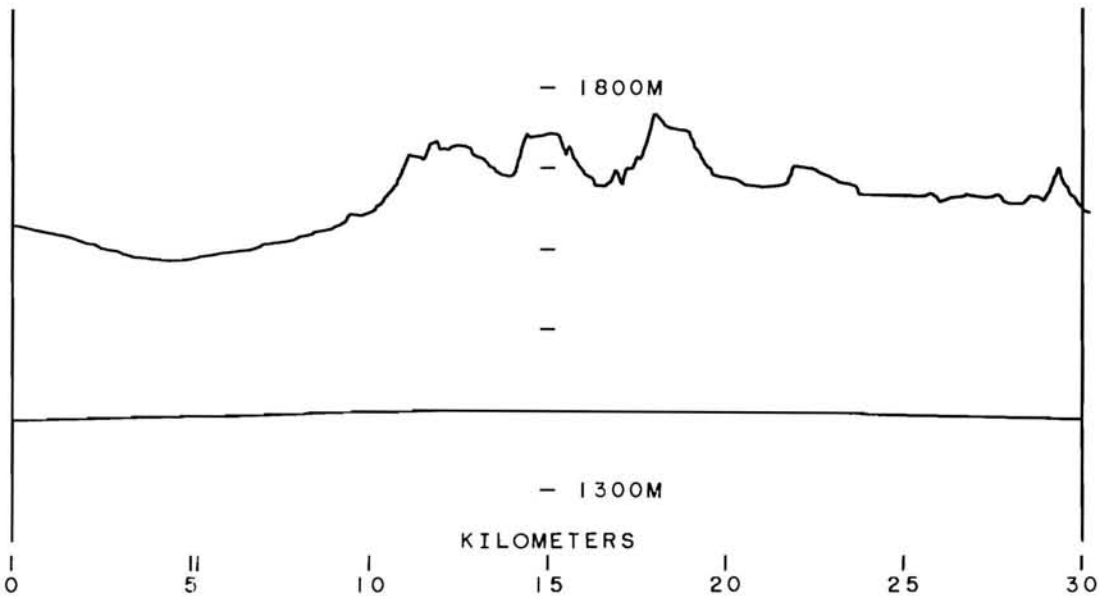
(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-141.7	-0.4	0.3	2.2	0.9	158.5	56.4
(PLNS, 30,100,V,V, P,6)	20.0	-136.8	-0.4	-1.2	2.2	0.9	152.1	50.0
(PLNS, 30,100,V,V, P,9)	20.0	-134.2	-0.4	-1.2	2.2	0.9	149.5	47.4
(PLNS, 30,100,V,V,AV,3)	20.0	-137.4	-0.4	0.3	2.2	0.9	154.2	52.2
(PLNS, 30,100,V,V,AV,6)	20.0	-133.4	-0.4	-1.2	2.2	0.9	148.7	46.6
(PLNS, 30,100,V,V,AV,9)	20.0	-129.8	-0.4	-1.2	2.2	0.9	145.1	43.0
(PLNS, 30,100,V,V,AH,3)	20.0	-148.4	-0.4	0.3	2.2	0.9	165.2	63.1
(PLNS, 30,100,V,V,AH,6)	20.0	-145.2	-0.4	-1.2	2.2	0.9	160.5	58.4
(PLNS, 30,100,V,V,AH,9)	20.0	-140.2	-0.4	-1.2	2.2	0.9	155.5	53.4
(PLNS, 30,100,H,V, P,3)	20.0	-145.0	1.0	-18.5	0.7	0.9	145.9	43.8
(PLNS, 30,100,H,V, P,6)	20.0	-146.1	1.0	-16.4	0.7	0.9	149.1	47.0
(PLNS, 30,100,H,V, P,9)	20.0	-145.0	1.0	-18.8	0.7	0.9	145.6	43.5
(PLNS, 30,100,H,V,AV,3)	20.0	-145.2	1.0	-18.5	0.7	0.9	146.1	44.0
(PLNS, 30,100,H,V,AV,6)	20.0	-146.9	1.0	-16.4	0.7	0.9	149.9	47.8
(PLNS, 30,100,H,V,AV,9)	20.0	-143.7	1.0	-18.8	0.7	0.9	144.3	42.3
(PLNS, 30,100,H,V,AH,3)	20.0	-143.0	1.0	-18.5	0.7	0.9	143.9	41.8
(PLNS, 30,100,H,V,AH,6)	20.0	-142.2	1.0	-16.4	0.7	0.9	145.2	43.1
(PLNS, 30,100,H,V,AH,9)	20.0	-140.1	1.0	-18.8	0.7	0.9	140.7	38.6
(PLNS, 30,100,V,H, P,3)	20.0	-149.0	-0.4	-18.2	2.2	0.9	147.3	45.2
(PLNS, 30,100,V,H, P,6)	20.0	-151.9	-0.4	-16.3	2.2	0.9	152.1	50.0
(PLNS, 30,100,V,H, P,9)	20.0	-149.0	-0.4	-18.0	2.2	0.9	147.5	45.4
(PLNS, 30,100,V,H,AV,3)	20.0	-145.4	-0.4	-18.2	2.2	0.9	143.7	41.6
(PLNS, 30,100,V,H,AV,6)	20.0	-147.5	-0.4	-16.3	2.2	0.9	147.7	45.6
(PLNS, 30,100,V,H,AV,9)	20.0	-146.1	-0.4	-18.0	2.2	0.9	144.6	42.5
(PLNS, 30,100,V,H,AH,3)	20.0	**	-0.4	-18.2	2.2	0.9	**	**
(PLNS, 30,100,V,H,AH,6)	20.0	**	-0.4	-16.3	2.2	0.9	**	**
(PLNS, 30,100,V,H,AH,9)	20.0	**	-0.4	-18.0	2.2	0.9	**	**
(PLNS, 30,100,H,H, P,3)	20.0	-143.9	1.0	-1.7	0.7	0.9	161.6	59.5
(PLNS, 30,100,H,H, P,6)	20.0	-134.3	1.0	1.4	0.7	0.9	155.1	53.0
(PLNS, 30,100,H,H, P,9)	20.0	-131.0	1.0	1.0	0.7	0.9	151.4	49.3
(PLNS, 30,100,H,H,AV,3)	20.0	-139.2	1.0	-1.7	0.7	0.9	156.9	54.8
(PLNS, 30,100,H,H,AV,6)	20.0	-136.2	1.0	1.4	0.7	0.9	157.0	54.9
(PLNS, 30,100,H,H,AV,9)	20.0	-131.9	1.0	1.0	0.7	0.9	152.3	50.2
(PLNS, 30,100,H,H,AH,3)	20.0	-135.1	1.0	-1.7	0.7	0.9	152.8	50.7
(PLNS, 30,100,H,H,AH,6)	20.0	-129.2	1.0	1.4	0.7	0.9	150.0	47.9
(PLNS, 30,100,H,H,AH,9)	20.0	-123.9	1.0	1.0	0.7	0.9	144.3	42.2
(KLIR, 16,100,H,H, P,3)	42.2	-77.6		1.1		0.9	120.0	23.7
(KLIR, 16,100,H,H, P,6)	42.2	-71.4		0.6		0.9	113.3	17.0
(KLIR, 16,100,H,H, P,9)	42.2	-68.7		0.2		0.9	110.2	13.9
(KLIR, 16,100,H,H,AV,3)	42.2	-77.0		1.1		0.9	119.4	23.1
(KLIR, 16,100,H,H,AV,6)	42.2	-73.2		0.6		0.9	115.1	18.8
(KLIR, 16,100,H,H,AV,9)	42.2	-73.2		0.2		0.9	114.7	18.4
(KLIR, 16,100,H,H,AH,3)	42.2	-77.9		1.1		0.9	120.3	24.0
(KLIR, 16,100,H,H,AH,6)	42.2	-72.4		0.6		0.9	114.3	18.0
(KLIR, 16,100,H,H,AH,9)	42.2	-72.4		0.2		0.9	113.9	17.6

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 30KM SITE 30

DATE 08-11-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-129.8	-3.7	-1.5	0.1	-0.0	148.5	60.5
(PLNS, 30, 20,V,V,AV,3)	24.0	-132.5	-3.7	-1.5	0.1	-0.0	151.2	63.2
(PLNS, 30, 20,V,V,AH,3)	24.0	-131.5	-3.7	-1.5	0.1	-0.0	150.2	62.2
(PLNS, 30, 50,V,V, P,1)	24.0	-138.3	-2.2	2.2	1.2	0.2	160.9	64.9
(PLNS, 30, 50,V,V, P,3)	24.0	-141.0	-2.2	4.9	1.2	0.2	166.3	70.3
(PLNS, 30, 50,V,V,AV,1)	24.0	-149.0	-2.2	2.2	1.2	0.2	171.6	75.6
(PLNS, 30, 50,V,V,AV,3)	24.0	-147.8	-2.2	4.9	1.2	0.2	173.1	77.1
(PLNS, 30, 50,V,V,AH,1)	24.0	-141.8	-2.2	2.2	1.2	0.2	164.4	68.4
(PLNS, 30, 50,V,V,AH,3)	24.0	-138.1	-2.2	4.9	1.2	0.2	163.4	67.4



COLORADO PLAINS R= 30KM SITF 30

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-08-64	24.82	H7	80%	34.5	41.5

LOW 1-STORY BRICK AND WOOD CHURCH IN LINE OF SITE TO NORTH. LOW 5FT STEEL POST 40FT TO NORTH IN LINE OF PATH. AREA OF LOW BRICK 1-STORY HOMES. OCCASIONAL 75FT TREES ALONG CURB.

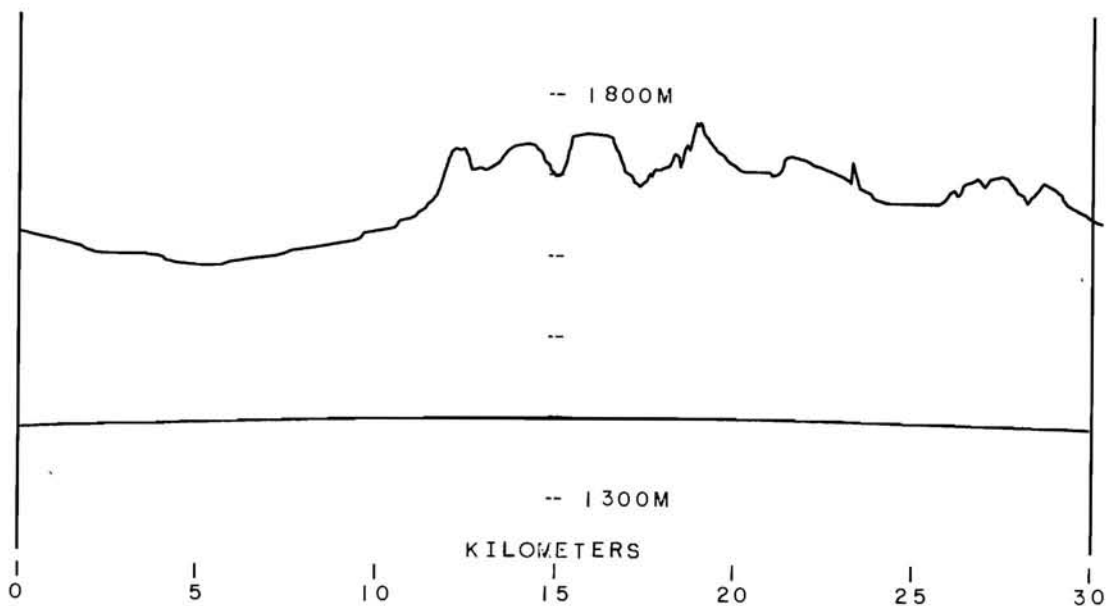
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-130.4	7.6	-0.2	0.9	0.9	162.1	60.0
(PLNS, 30,100,V,V, P,6)	20.0	-123.9	7.6	-1.2	0.9	0.9	154.6	52.5
(PLNS, 30,100,V,V, P,9)	20.0	-123.0	7.6	-1.7	0.9	0.9	153.2	51.1
(PLNS, 30,100,V,V,AV,3)	20.0	-128.7	7.6	-0.2	0.9	0.9	160.4	58.3
(PLNS, 30,100,V,V,AV,6)	20.0	-123.0	7.6	-1.2	0.9	0.9	153.7	51.6
(PLNS, 30,100,V,V,AV,9)	20.0	-122.7	7.6	-1.7	0.9	0.9	152.9	50.8
(PLNS, 30,100,V,V,AH,3)	20.0	-143.0	7.6	-0.2	0.9	0.9	174.7	72.6
(PLNS, 30,100,V,V,AH,6)	20.0	-135.4	7.6	-1.2	0.9	0.9	166.1	64.0
(PLNS, 30,100,V,V,AH,9)	20.0	-127.9	7.6	-1.7	0.9	0.9	158.1	56.0
(PLNS, 30,100,H,V, P,3)	20.0	**	9.6	-20.8	0.9	0.9	**	**
(PLNS, 30,100,H,V, P,6)	20.0	**	9.6	-16.0	0.9	0.9	**	**
(PLNS, 30,100,H,V, P,9)	20.0	**	9.6	-20.6	0.9	0.9	**	**
(PLNS, 30,100,H,V,AV,3)	20.0	**	9.6	-20.8	0.9	0.9	**	**
(PLNS, 30,100,H,V,AV,6)	20.0	**	9.6	-16.0	0.9	0.9	**	**
(PLNS, 30,100,H,V,AV,9)	20.0	**	9.6	-20.6	0.9	0.9	**	**
(PLNS, 30,100,H,V,AH,3)	20.0	**	9.6	-20.8	0.9	0.9	**	**
(PLNS, 30,100,H,V,AH,6)	20.0	**	9.6	-16.0	0.9	0.9	**	**
(PLNS, 30,100,H,V,AH,9)	20.0	-143.0	9.6	-20.6	0.9	0.9	156.3	54.2
(PLNS, 30,100,V,H, P,3)	20.0	-140.7	7.6	-16.2	0.9	0.9	156.4	54.3
(PLNS, 30,100,V,H, P,6)	20.0	-130.2	7.6	-15.5	0.9	0.9	146.6	44.5
(PLNS, 30,100,V,H, P,9)	20.0	-127.8	7.6	-15.9	0.9	0.9	143.8	41.7
(PLNS, 30,100,V,H,AV,3)	20.0	-135.8	7.6	-16.2	0.9	0.9	151.5	49.4
(PLNS, 30,100,V,H,AV,6)	20.0	-135.8	7.6	-15.5	0.9	0.9	152.2	50.1
(PLNS, 30,100,V,H,AV,9)	20.0	-129.4	7.6	-15.9	0.9	0.9	145.4	43.3
(PLNS, 30,100,V,H,AH,3)	20.0	**	7.6	-16.2	0.9	0.9	**	**
(PLNS, 30,100,V,H,AH,6)	20.0	-143.0	7.6	-15.5	0.9	0.9	159.4	57.3
(PLNS, 30,100,V,H,AH,9)	20.0	-143.0	7.6	-15.9	0.9	0.9	159.0	56.9
(PLNS, 30,100,H,H, P,3)	20.0	-134.3	9.6	1.5	0.9	0.9	169.7	67.6
(PLNS, 30,100,H,H, P,6)	20.0	-128.4	9.6	1.3	0.9	0.9	163.6	61.5
(PLNS, 30,100,H,H, P,9)	20.0	-125.6	9.6	1.1	0.9	0.9	160.6	58.5
(PLNS, 30,100,H,H,AV,3)	20.0	-141.6	9.6	1.5	0.9	0.9	177.0	74.9
(PLNS, 30,100,H,H,AV,6)	20.0	-133.8	9.6	1.3	0.9	0.9	169.0	66.9
(PLNS, 30,100,H,H,AV,9)	20.0	-127.5	9.6	1.1	0.9	0.9	162.5	60.4
(PLNS, 30,100,H,H,AH,3)	20.0	-131.9	9.6	1.5	0.9	0.9	167.3	65.2
(PLNS, 30,100,H,H,AH,6)	20.0	-135.3	9.6	1.3	0.9	0.9	170.5	68.4
(PLNS, 30,100,H,H,AH,9)	20.0	-128.4	9.6	1.1	0.9	0.9	163.4	61.3
(KLIR, 15,100,H,H, P,3)	42.2	-73.0		-0.6		0.9	119.8	24.0
(KLIR, 15,100,H,H, P,6)	42.2	-67.5		1.2		0.9	116.1	20.2
(KLIR, 15,100,H,H, P,9)	42.2	-62.7		0.8		0.9	110.9	15.1
(KLIR, 15,100,H,H,AV,3)	42.2	-69.4		-0.6		0.9	116.2	20.4
(KLIR, 15,100,H,H,AV,6)	42.2	-65.2		1.2		0.9	113.8	18.0
(KLIR, 15,100,H,H,AV,9)	42.2	-58.9		0.8		0.9	107.1	11.3
(KLIR, 15,100,H,H,AH,3)	42.2	-75.8		-0.6		0.9	122.6	26.8
(KLIR, 15,100,H,H,AH,6)	42.2	-68.4		1.2		0.9	117.0	21.1
(KLIR, 15,100,H,H,AH,9)	42.2	-65.8		0.8		0.9	114.0	18.1

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 30KM SITE 31

DATE 11-05-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-133.1	-3.8	-2.3	0.1	-0.0	150.9	62.9
(PLNS, 30, 20,V,V,AV,3)	24.0	-131.3	-3.8	-2.3	0.1	-0.0	149.1	61.1
(PLNS, 30, 20,V,V,AH,3)	24.0	-131.9	-3.8	-2.3	0.1	-0.0	149.7	61.7
(PLNS, 30, 50,V,V, P,1)	24.0	-145.8	-2.2	5.1	1.2	0.2	171.3	75.3
(PLNS, 30, 50,V,V, P,3)	24.0	-140.9	-2.2	0.0	1.2	0.2	161.3	65.3
(PLNS, 30, 50,V,V,AV,1)	24.0	-138.9	-2.2	5.1	1.2	0.2	164.4	68.4
(PLNS, 30, 50,V,V,AV,3)	24.0	-139.0	-2.2	0.0	1.2	0.2	159.4	63.4
(PLNS, 30, 50,V,V,AH,1)	24.0	-141.2	-2.2	5.1	1.2	0.2	166.7	70.7
(PLNS, 30, 50,V,V,AH,3)	24.0	-139.8	-2.2	0.0	1.2	0.2	160.2	64.2



COLORADO MOUNTAINS B= 20KM SITE 31

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE 08-13-64 BAROMETRIC PRESSURE 21.63 CLOUD TYPE LI,HI COVER PERCENT 65% ASSMAN WET 85.0 DRY 62.0

HORIZON IS ROW OF 50FT TREES AT HIGHWAY TURN, 500FT SOUTH, ALSO 40 TO 50FT ROCK HILL.

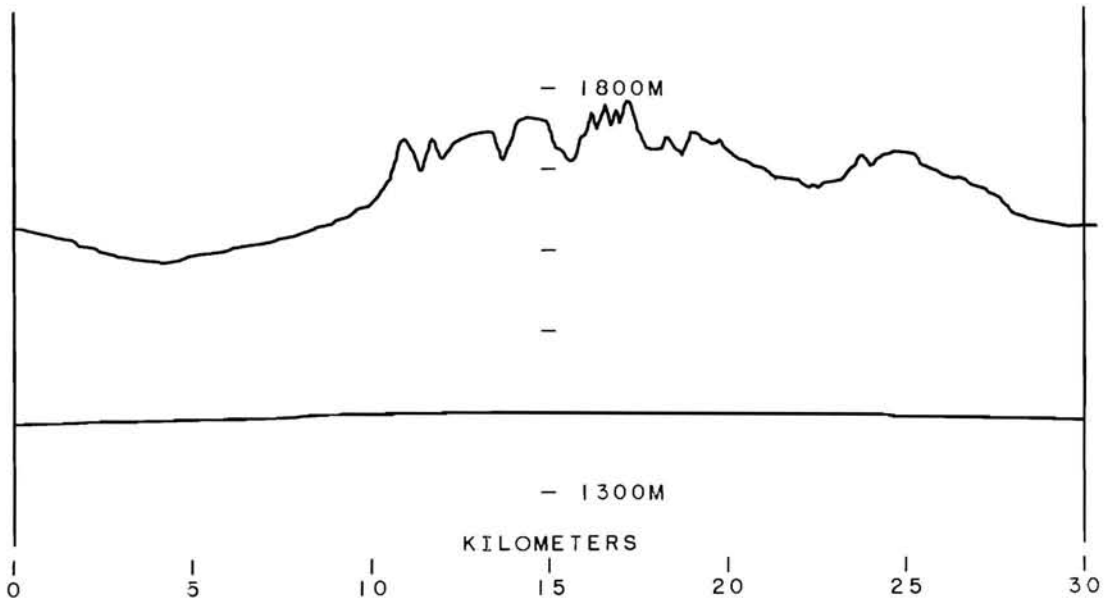
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20,100,V,V, P,3)	30.1	-124.7	7.6	1.5	0.9	0.9	168.3	69.7
(MNTS, 20,100,V,V, P,6)	30.1	-120.1	7.6	-0.9	0.9	0.9	161.2	62.7
(MNTS, 20,100,V,V, P,9)	30.1	-118.4	7.6	-1.1	0.9	0.9	159.4	60.8
(MNTS, 20,100,V,V,AV,3)	30.1	-110.6	7.6	1.5	0.9	0.9	154.1	55.5
(MNTS, 20,100,V,V,AV,6)	30.1	-113.2	7.6	-0.9	0.9	0.9	154.3	55.8
(MNTS, 20,100,V,V,AV,9)	30.1	-115.8	7.6	-1.1	0.9	0.9	156.7	58.2
(MNTS, 20,100,V,V,AH,3)	30.1	-122.0	7.6	0.1	0.9	0.9	164.2	65.6
(MNTS, 20,100,V,V,AH,6)	30.1	-117.4	7.6	-1.2	0.9	0.9	158.3	59.7
(MNTS, 20,100,V,V,AH,9)	30.1	-120.3	7.6	-1.7	0.9	0.9	160.7	62.1
(MNTS, 20,100,H,V, P,3)	30.1	-132.7	9.6	-16.0	0.9	0.9	160.7	62.1
(MNTS, 20,100,H,V, P,6)	30.1	-132.7	9.6	-14.3	0.9	0.9	162.4	63.8
(MNTS, 20,100,H,V, P,9)	30.1	-136.2	9.6	-17.0	0.9	0.9	163.2	64.7
(MNTS, 20,100,H,V,AV,3)	30.1	-122.7	9.6	-16.0	0.9	0.9	150.7	52.2
(MNTS, 20,100,H,V,AV,6)	30.1	-123.7	9.6	-14.3	0.9	0.9	153.5	54.9
(MNTS, 20,100,H,V,AV,9)	30.1	-125.6	9.6	-17.0	0.9	0.9	152.7	54.1
(MNTS, 20,100,H,V,AH,3)	30.1	-121.7	9.6	-21.0	0.9	0.9	144.8	46.2
(MNTS, 20,100,H,V,AH,6)	30.1	-125.9	9.6	-16.7	0.9	0.9	153.2	54.7
(MNTS, 20,100,H,V,AH,9)	30.1	-125.9	9.6	-20.9	0.9	0.9	149.0	50.5
(MNTS, 20,100,V,H, P,3)	30.1	-134.4	7.6	-18.7	0.9	0.9	157.7	59.2
(MNTS, 20,100,V,H, P,6)	30.1	-127.5	7.6	-17.7	0.9	0.9	151.8	53.2
(MNTS, 20,100,V,H, P,9)	30.1	-130.4	7.6	-17.8	0.9	0.9	154.6	54.0
(MNTS, 20,100,V,H,AV,3)	30.1	-123.0	7.6	-18.7	0.9	0.9	146.4	47.8
(MNTS, 20,100,V,H,AV,6)	30.1	-127.5	7.6	-17.7	0.9	0.9	151.8	53.2
(MNTS, 20,100,V,H,AV,9)	30.1	-125.2	7.6	-17.8	0.9	0.9	149.4	50.9
(MNTS, 20,100,V,H,AH,3)	30.1	**	7.6	-16.8	0.9	0.9	**	**
(MNTS, 20,100,V,H,AH,6)	30.1	**	7.6	-15.0	0.9	0.9	**	**
(MNTS, 20,100,V,H,AH,9)	30.1	-117.7	7.6	-15.9	0.9	0.9	143.9	45.3
(MNTS, 20,100,H,H, P,3)	30.1	-125.2	9.6	-0.2	0.9	0.9	169.0	70.5
(MNTS, 20,100,H,H, P,6)	30.1	-125.2	9.6	1.5	0.9	0.9	170.7	72.2
(MNTS, 20,100,H,H, P,9)	30.1	-129.4	9.6	1.0	0.9	0.9	174.4	75.9
(MNTS, 20,100,H,H,AV,3)	30.1	-119.9	9.6	-0.2	0.9	0.9	163.7	65.1
(MNTS, 20,100,H,H,AV,6)	30.1	-115.4	9.6	1.5	0.9	0.9	161.0	62.4
(MNTS, 20,100,H,H,AV,9)	30.1	-111.6	9.6	1.0	0.9	0.9	156.6	58.0
(MNTS, 20,100,H,H,AH,3)	30.1	-111.0	9.6	1.5	0.9	0.9	156.5	58.0
(MNTS, 20,100,H,H,AH,6)	30.1	-109.8	9.6	1.4	0.9	0.9	155.2	56.6
(MNTS, 20,100,H,H,AH,9)	30.1	-111.0	9.6	1.2	0.9	0.9	156.2	57.7
(KLIR, 63,100,H,H, P,3)	42.2	-109.8		-2.0		0.9	155.2	46.7
(KLIR, 63,100,H,H, P,6)	42.2	-104.1		1.5		0.9	153.0	44.6
(KLIR, 63,100,H,H, P,9)	42.2	-107.5		1.1		0.9	156.0	47.5
(KLIR, 63,100,H,H,AV,3)	42.2	-107.5		-2.0		0.9	152.9	44.4
(KLIR, 63,100,H,H,AV,6)	42.2	-105.9		1.5		0.9	154.8	46.3
(KLIR, 63,100,H,H,AV,9)	42.2	-103.7		1.1		0.9	152.2	43.8
(KLIR, 63,100,H,H,AH,3)	42.2	-111.4		1.4		0.9	160.2	51.8
(KLIR, 63,100,H,H,AH,6)	42.2	-108.7		1.5		0.9	157.6	49.1
(KLIR, 63,100,H,H,AH,9)	42.2	-109.4		1.3		0.9	158.1	49.6

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS R= 30KM SITE 32

DATE 11-05-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-132.2	-3.9	-2.0	0.1	-0.0	150.2	62.2
(PLNS, 30, 20,V,V,AV,3)	24.0	-131.0	-3.9	-2.0	0.1	-0.0	149.0	61.0
(PLNS, 30, 20,V,V,AH,3)	24.0	-132.2	-3.9	-2.0	0.1	-0.0	150.2	62.2
(PLNS, 30, 50,V,V, P,1)	24.0	-141.2	-2.2	2.2	1.2	0.2	163.8	67.8
(PLNS, 30, 50,V,V, P,3)	24.0	-137.9	-2.2	4.2	1.2	0.2	162.5	66.5
(PLNS, 30, 50,V,V,AV,1)	24.0	-148.2	-2.2	2.2	1.2	0.2	170.8	74.8
(PLNS, 30, 50,V,V,AV,3)	24.0	-141.0	-2.2	4.2	1.2	0.2	165.6	69.6
(PLNS, 30, 50,V,V,AH,1)	24.0	-141.2	-2.2	2.2	1.2	0.2	163.8	67.8
(PLNS, 30, 50,V,V,AH,3)	24.0	-137.9	-2.2	4.2	1.2	0.2	162.5	66.5



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
04-08-64	PRESSURE	TYPE	PERCENT	WET	DRY
	24.45	H7	70%	43.0	58.5

AREA IS 1- AND 2-STORY APARTMENT BUILDINGS AND HOMES IN RESIDENTIAL DISTRICT.

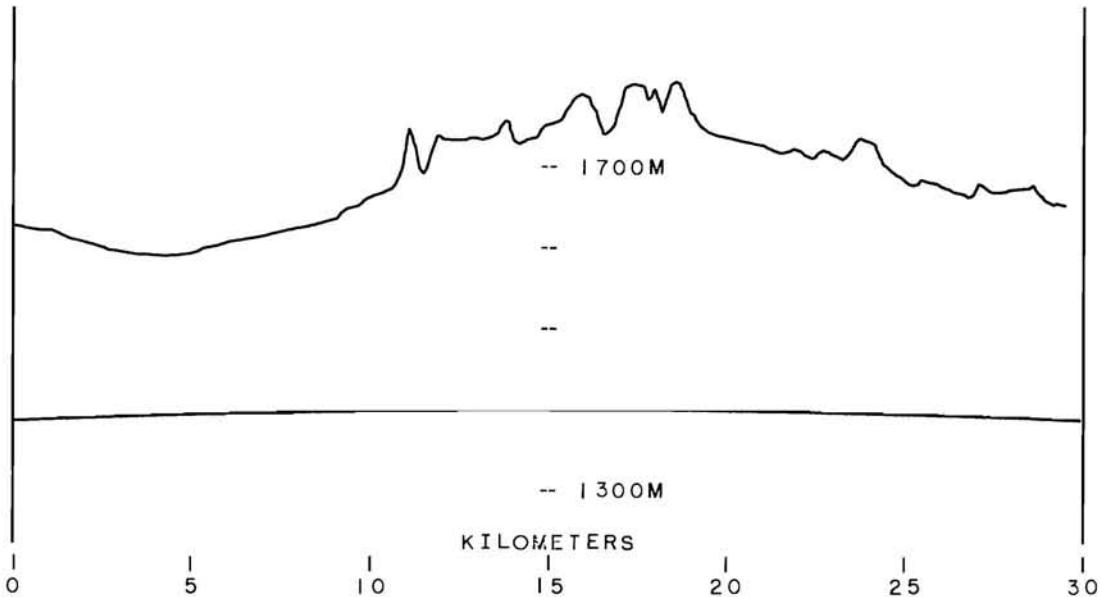
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-143.4	7.6	-0.4	0.9	0.9	174.9	72.8
(PLNS, 30,100,V,V, P,6)	20.0	-131.9	7.6	-1.2	0.9	0.9	162.6	60.5
(PLNS, 30,100,V,V, P,9)	20.0	-125.0	7.6	-1.7	0.9	0.9	155.2	53.1
(PLNS, 30,100,V,V,AV,3)	20.0	-127.5	7.6	-0.4	0.9	0.9	159.0	56.9
(PLNS, 30,100,V,V,AV,6)	20.0	-122.7	7.6	-1.2	0.9	0.9	153.4	51.3
(PLNS, 30,100,V,V,AV,9)	20.0	-118.9	7.6	-1.7	0.9	0.9	149.1	47.0
(PLNS, 30,100,V,V,AH,3)	20.0	-127.5	7.6	-0.4	0.9	0.9	159.0	56.9
(PLNS, 30,100,V,V,AH,6)	20.0	-122.7	7.6	-1.2	0.9	0.9	153.4	51.3
(PLNS, 30,100,V,V,AH,9)	20.0	-118.9	7.6	-1.7	0.9	0.9	149.1	47.0
(PLNS, 30,100,H,V, P,3)	20.0	**	9.6	-21.5	0.9	0.9	**	**
(PLNS, 30,100,H,V, P,6)	20.0	**	9.6	-15.7	0.9	0.9	**	**
(PLNS, 30,100,H,V, P,9)	20.0	**	9.6	-20.1	0.9	0.9	**	**
(PLNS, 30,100,H,V,AV,3)	20.0	-117.8	9.6	-21.5	0.9	0.9	130.2	28.1
(PLNS, 30,100,H,V,AV,6)	20.0	-134.9	9.6	-15.7	0.9	0.9	153.1	51.0
(PLNS, 30,100,H,V,AV,9)	20.0	-134.5	9.6	-20.1	0.9	0.9	148.3	46.2
(PLNS, 30,100,H,V,AH,3)	20.0	-117.8	9.6	-21.5	0.9	0.9	130.2	28.1
(PLNS, 30,100,H,V,AH,6)	20.0	-134.9	9.6	-15.7	0.9	0.9	153.1	51.0
(PLNS, 30,100,H,V,AH,9)	20.0	-134.5	9.6	-20.1	0.9	0.9	148.3	46.2
(PLNS, 30,100,V,H, P,3)	20.0	-139.2	7.6	-15.9	0.9	0.9	155.2	53.1
(PLNS, 30,100,V,H, P,6)	20.0	-143.9	7.6	-15.5	0.9	0.9	160.3	58.2
(PLNS, 30,100,V,H, P,9)	20.0	-155.4	7.6	-15.9	0.9	0.9	171.4	69.3
(PLNS, 30,100,V,H,AV,3)	20.0	-130.6	7.6	-15.9	0.9	0.9	146.6	44.5
(PLNS, 30,100,V,H,AV,6)	20.0	-133.2	7.6	-15.5	0.9	0.9	149.6	47.5
(PLNS, 30,100,V,H,AV,9)	20.0	-130.6	7.6	-15.9	0.9	0.9	146.6	44.5
(PLNS, 30,100,V,H,AH,3)	20.0	-130.6	7.6	-15.9	0.9	0.9	146.6	44.5
(PLNS, 30,100,V,H,AH,6)	20.0	-133.2	7.6	-15.5	0.9	0.9	149.6	47.5
(PLNS, 30,100,V,H,AH,9)	20.0	-130.6	7.6	-15.9	0.9	0.9	146.6	44.5
(PLNS, 30,100,H,H, P,3)	20.0	-137.0	9.6	1.3	0.9	0.9	172.2	70.1
(PLNS, 30,100,H,H, P,6)	20.0	-135.6	9.6	1.3	0.9	0.9	170.8	68.7
(PLNS, 30,100,H,H, P,9)	20.0	-133.2	9.6	1.0	0.9	0.9	168.1	66.0
(PLNS, 30,100,H,H,AV,3)	20.0	-135.4	9.6	1.3	0.9	0.9	170.6	68.5
(PLNS, 30,100,H,H,AV,6)	20.0	-132.8	9.6	1.3	0.9	0.9	168.0	65.9
(PLNS, 30,100,H,H,AV,9)	20.0	-128.5	9.6	1.0	0.9	0.9	163.4	61.3
(PLNS, 30,100,H,H,AH,3)	20.0	-135.4	9.6	1.3	0.9	0.9	170.6	68.5
(PLNS, 30,100,H,H,AH,6)	20.0	-132.8	9.6	1.3	0.9	0.9	168.0	65.9
(PLNS, 30,100,H,H,AH,9)	20.0	-128.5	9.6	1.0	0.9	0.9	163.4	61.3
(KLIR, 14,100,H,H, P,3)	42.2	-84.3		-1.2		0.9	130.5	35.4
(KLIR, 14,100,H,H, P,6)	42.2	-75.6		1.3		0.9	124.3	29.1
(KLIR, 14,100,H,H, P,9)	42.2	-69.8		0.9		0.9	118.1	22.9
(KLIR, 14,100,H,H,AV,3)	42.2	-74.5		-1.2		0.9	120.7	25.5
(KLIR, 14,100,H,H,AV,6)	42.2	-71.5		1.3		0.9	120.2	25.0
(KLIR, 14,100,H,H,AV,9)	42.2	-67.9		0.9		0.9	116.2	21.0
(KLIR, 14,100,H,H,AH,3)	42.2	-74.5		-1.2		0.9	120.7	25.5
(KLIR, 14,100,H,H,AH,6)	42.2	-71.5		1.3		0.9	120.2	25.0
(KLIR, 14,100,H,H,AH,9)	42.2	-67.9		0.9		0.9	116.2	21.0

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 30KM SITE 33

DATE 11-05-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-131.0	-4.0	-3.6	0.1	-0.0	147.3	59.3
(PLNS, 30, 20,V,V,AV,3)	24.0	-132.5	-4.0	-3.6	0.1	-0.0	148.8	60.8
(PLNS, 30, 20,V,V,AH,3)	24.0	-130.4	-4.0	-3.6	0.1	-0.0	146.7	58.7
(PLNS, 30, 50,V,V, P,1)	24.0	-139.3	-2.2	-2.0	1.2	0.2	157.7	61.7
(PLNS, 30, 50,V,V, P,3)	24.0	-128.9	-2.2	-1.2	1.2	0.2	148.1	52.1
(PLNS, 30, 50,V,V,AV,1)	24.0	-137.9	-2.2	-2.0	1.2	0.2	156.3	60.3
(PLNS, 30, 50,V,V,AV,3)	24.0	-134.8	-2.2	-1.2	1.2	0.2	154.0	58.0
(PLNS, 30, 50,V,V,AH,1)	24.0	-136.5	-2.2	-2.0	1.2	0.2	154.9	58.9
(PLNS, 30, 50,V,V,AH,3)	24.0	-136.5	-2.2	-1.2	1.2	0.2	155.7	59.7



COLORADO PLAINS B= 30KM SITE 33

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-30-64	24.48	L1	2%	46.5	56.0

6 POWER LINES AND 1 LARGE PHONE CABLE ARE ON NORTH SIDE OF HIGHWAY.
TALL TREES ALONGSIDE OF ROAD ADJACENT TO SITE. LINE OF SIGHT HORIZON
IS HILL WITH HOMES BUILT NEAR TOP OF RIDGE.

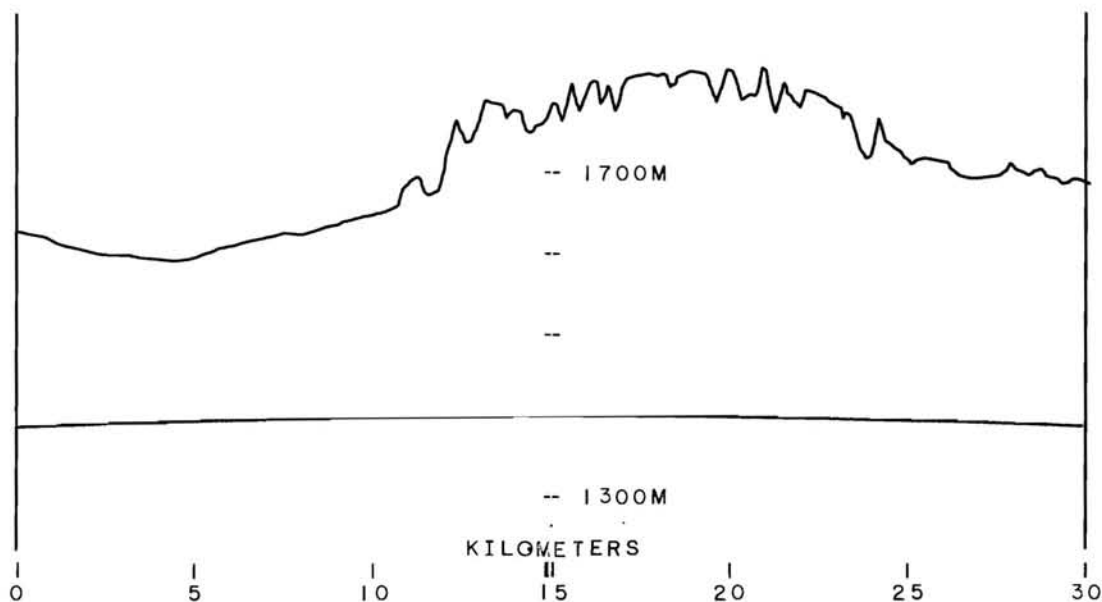
(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-126.1	7.6	-0.7	0.9	0.9	157.3	55.2
(PLNS, 30,100,V,V, P,6)	20.0	-124.5	7.6	-1.4	0.9	0.9	155.0	52.9
(PLNS, 30,100,V,V, P,9)	20.0	-120.5	7.6	-1.2	0.9	0.9	151.2	49.1
(PLNS, 30,100,V,V,AV,3)	20.0	-119.2	7.6	-0.7	0.9	0.9	150.4	48.3
(PLNS, 30,100,V,V,AV,6)	20.0	-115.3	7.6	-1.4	0.9	0.9	145.8	43.7
(PLNS, 30,100,V,V,AV,9)	20.0	-117.9	7.6	-1.2	0.9	0.9	148.6	46.5
(PLNS, 30,100,V,V,AH,3)	20.0	-134.7	7.6	-0.7	0.9	0.9	165.9	63.8
(PLNS, 30,100,V,V,AH,6)	20.0	-137.7	7.6	-1.4	0.9	0.9	168.2	66.1
(PLNS, 30,100,V,V,AH,9)	20.0	-137.7	7.6	-1.2	0.9	0.9	168.4	66.3
(PLNS, 30,100,H,V, P,3)	20.0	-137.4	9.6	-20.0	0.9	0.9	151.3	49.3
(PLNS, 30,100,H,V, P,6)	20.0	-132.9	9.6	-16.3	0.9	0.9	150.5	48.4
(PLNS, 30,100,H,V, P,9)	20.0	-133.8	9.6	-18.8	0.9	0.9	148.9	46.8
(PLNS, 30,100,H,V,AV,3)	20.0	-134.7	9.6	-20.0	0.9	0.9	148.6	46.5
(PLNS, 30,100,H,V,AV,6)	20.0	-132.7	9.6	-16.3	0.9	0.9	150.3	48.2
(PLNS, 30,100,H,V,AV,9)	20.0	-134.7	9.6	-18.8	0.9	0.9	149.8	47.7
(PLNS, 30,100,H,V,AH,3)	20.0	**	9.6	-20.0	0.9	0.9	**	**
(PLNS, 30,100,H,V,AH,6)	20.0	**	9.6	-16.3	0.9	0.9	**	**
(PLNS, 30,100,H,V,AH,9)	20.0	**	9.6	-18.8	0.9	0.9	**	**
(PLNS, 30,100,V,H, P,3)	20.0	-134.1	7.6	-18.5	0.9	0.9	147.5	45.4
(PLNS, 30,100,V,H, P,6)	20.0	-135.3	7.6	-16.0	0.9	0.9	151.2	49.1
(PLNS, 30,100,V,H, P,9)	20.0	-134.1	7.6	-18.0	0.9	0.9	148.0	45.9
(PLNS, 30,100,V,H,AV,3)	20.0	-129.0	7.6	-18.5	0.9	0.9	142.4	40.3
(PLNS, 30,100,V,H,AV,6)	20.0	-133.5	7.6	-16.0	0.9	0.9	149.4	47.3
(PLNS, 30,100,V,H,AV,9)	20.0	-125.0	7.6	-18.0	0.9	0.9	138.9	36.8
(PLNS, 30,100,V,H,AH,3)	20.0	-135.4	7.6	-18.5	0.9	0.9	148.8	46.7
(PLNS, 30,100,V,H,AH,6)	20.0	-137.8	7.6	-16.0	0.9	0.9	153.7	51.6
(PLNS, 30,100,V,H,AH,9)	20.0	-134.7	7.6	-18.0	0.9	0.9	148.6	46.5
(PLNS, 30,100,H,H, P,3)	20.0	-135.6	9.6	-1.5	0.9	0.9	168.0	65.9
(PLNS, 30,100,H,H, P,6)	20.0	-129.4	9.6	1.4	0.9	0.9	164.7	62.6
(PLNS, 30,100,H,H, P,9)	20.0	-135.6	9.6	1.0	0.9	0.9	170.5	68.4
(PLNS, 30,100,H,H,AV,3)	20.0	-136.2	9.6	-1.5	0.9	0.9	168.6	66.5
(PLNS, 30,100,H,H,AV,6)	20.0	-141.4	9.6	1.4	0.9	0.9	176.7	74.6
(PLNS, 30,100,H,H,AV,9)	20.0	-137.4	9.6	1.0	0.9	0.9	172.3	70.3
(PLNS, 30,100,H,H,AH,3)	20.0	-126.9	9.6	-1.5	0.9	0.9	159.3	57.2
(PLNS, 30,100,H,H,AH,6)	20.0	-126.1	9.6	1.4	0.9	0.9	161.4	59.3
(PLNS, 30,100,H,H,AH,9)	20.0	-126.9	9.6	1.0	0.9	0.9	161.8	59.7
(KLIR, 14,100,H,H, P,3)	42.2	-84.3		1.0		0.9	132.7	37.6
(KLIR, 14,100,H,H, P,6)	42.2	-74.1		1.3		0.9	122.8	27.7
(KLIR, 14,100,H,H, P,9)	42.2	-71.9		1.3		0.9	120.6	25.5
(KLIR, 14,100,H,H,AV,3)	42.2	-84.7		1.0		0.9	133.1	38.0
(KLIR, 14,100,H,H,AV,6)	42.2	-78.4		1.3		0.9	127.1	32.0
(KLIR, 14,100,H,H,AV,9)	42.2	-79.5		1.3		0.9	128.2	33.1
(KLIR, 14,100,H,H,AH,3)	42.2	-83.9		1.0		0.9	132.3	37.2
(KLIR, 14,100,H,H,AH,6)	42.2	-78.9		1.3		0.9	127.6	32.5
(KLIR, 14,100,H,H,AH,9)	42.2	-75.4		1.3		0.9	124.1	29.0

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 30KM SITE 34

DATE 05-11-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-130.0	-4.1	-3.0	0.1	-0.0	146.8	58.8
(PLNS, 30, 20,V,V,AV,3)	24.0	-129.8	-4.1	-3.0	0.1	-0.0	146.6	58.6
(PLNS, 30, 20,V,V,AH,3)	24.0	-134.2	-4.1	-3.0	0.1	-0.0	151.0	63.0
(PLNS, 30, 50,V,V, P,1)	24.0	-139.3	-2.2	1.9	1.2	0.2	161.6	65.6
(PLNS, 30, 50,V,V, P,3)	24.0	-134.3	-2.2	2.8	1.2	0.2	157.5	61.5
(PLNS, 30, 50,V,V,AV,1)	24.0	-146.2	-2.2	1.9	1.2	0.2	168.5	72.5
(PLNS, 30, 50,V,V,AV,3)	24.0	-137.9	-2.2	2.8	1.2	0.2	161.1	65.1
(PLNS, 30, 50,V,V,AH,1)	24.0	-140.1	-2.2	1.9	1.2	0.2	162.4	66.4
(PLNS, 30, 50,V,V,AH,3)	24.0	-131.9	-2.2	2.8	1.2	0.2	155.1	59.1



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
05-01-64	24.44	H1,L1	55%	48.5	58.5

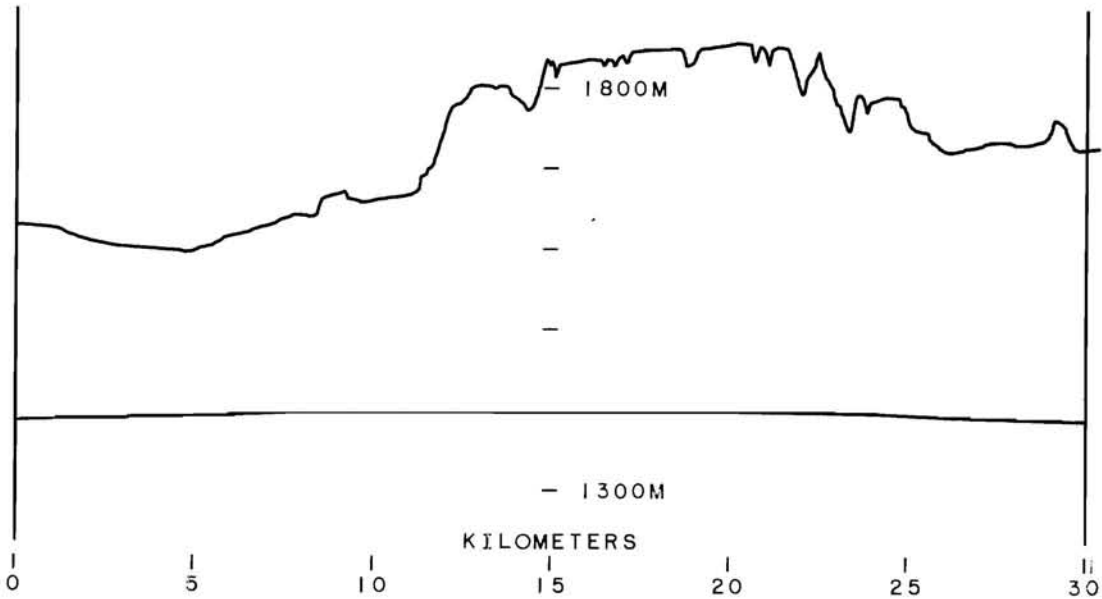
SEMI-RURAL, TREES, HOUSE, AND LOW BUILDINGS IN 300FT RADIUS. 5 POWER LINES AND 1 PHONE LINE ON SOUTH SIDE OF ROAD AND PARALLEL TO IT.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 30,100,V,V, P,3)	20.0	-127.6	7.6	-0.5	0.9	0.9	159.0	56.9
(PLNS, 30,100,V,V, P,6)	20.0	-123.0	7.6	-1.1	0.9	0.9	153.8	51.7
(PLNS, 30,100,V,V, P,9)	20.0	-121.7	7.6	-1.6	0.9	0.9	152.0	49.9
(PLNS, 30,100,V,V,AV,3)	20.0	-117.9	7.6	-0.5	0.9	0.9	149.3	47.2
(PLNS, 30,100,V,V,AV,6)	20.0	-113.5	7.6	-1.1	0.9	0.9	144.3	42.2
(PLNS, 30,100,V,V,AV,9)	20.0	-112.7	7.6	-1.6	0.9	0.9	143.0	40.9
(PLNS, 30,100,V,V,AH,3)	20.0	-126.6	7.6	-0.5	0.9	0.9	158.0	55.9
(PLNS, 30,100,V,V,AH,6)	20.0	-122.8	7.6	-1.1	0.9	0.9	153.6	51.6
(PLNS, 30,100,V,V,AH,9)	20.0	-123.7	7.6	-1.6	0.9	0.9	154.0	52.0
(PLNS, 30,100,H,V, P,3)	20.0	-135.6	9.6	-20.5	0.9	0.9	149.0	46.9
(PLNS, 30,100,H,V, P,6)	20.0	-132.9	9.6	-14.5	0.9	0.9	152.3	50.2
(PLNS, 30,100,H,V, P,9)	20.0	-130.2	9.6	-17.5	0.9	0.9	146.6	44.5
(PLNS, 30,100,H,V,AV,3)	20.0	-143.9	9.6	-20.5	0.9	0.9	157.3	55.2
(PLNS, 30,100,H,V,AV,6)	20.0	-141.4	9.6	-14.5	0.9	0.9	160.8	58.7
(PLNS, 30,100,H,V,AV,9)	20.0	-137.7	9.6	-17.5	0.9	0.9	154.1	52.0
(PLNS, 30,100,H,V,AH,3)	20.0	-142.7	9.6	-20.5	0.9	0.9	156.1	54.0
(PLNS, 30,100,H,V,AH,6)	20.0	-140.7	9.6	-14.5	0.9	0.9	160.1	58.0
(PLNS, 30,100,H,V,AH,9)	20.0	-140.7	9.6	-17.5	0.9	0.9	157.1	55.0
(PLNS, 30,100,V,H, P,3)	20.0	-134.4	7.6	-15.5	0.9	0.9	150.8	48.7
(PLNS, 30,100,V,H, P,6)	20.0	-135.3	7.6	-15.5	0.9	0.9	151.7	49.7
(PLNS, 30,100,V,H, P,9)	20.0	-131.0	7.6	-16.0	0.9	0.9	146.9	44.8
(PLNS, 30,100,V,H,AV,3)	20.0	-127.2	7.6	-15.5	0.9	0.9	143.6	41.5
(PLNS, 30,100,V,H,AV,6)	20.0	-120.3	7.6	-15.5	0.9	0.9	136.7	34.7
(PLNS, 30,100,V,H,AV,9)	20.0	-118.9	7.6	-16.0	0.9	0.9	134.8	32.7
(PLNS, 30,100,V,H,AH,3)	20.0	-132.9	7.6	-15.5	0.9	0.9	149.3	47.2
(PLNS, 30,100,V,H,AH,6)	20.0	-125.2	7.6	-15.5	0.9	0.9	141.6	39.5
(PLNS, 30,100,V,H,AH,9)	20.0	-125.2	7.6	-16.0	0.9	0.9	141.1	39.0
(PLNS, 30,100,H,H, P,3)	20.0	-132.8	9.6	1.1	0.9	0.9	167.8	65.7
(PLNS, 30,100,H,H, P,6)	20.0	-130.2	9.6	1.4	0.9	0.9	165.5	63.4
(PLNS, 30,100,H,H, P,9)	20.0	-128.7	9.6	1.0	0.9	0.9	163.6	61.5
(PLNS, 30,100,H,H,AV,3)	20.0	-136.2	9.6	1.1	0.9	0.9	171.2	69.1
(PLNS, 30,100,H,H,AV,6)	20.0	-130.6	9.6	1.4	0.9	0.9	165.9	63.8
(PLNS, 30,100,H,H,AV,9)	20.0	-129.8	9.6	1.0	0.9	0.9	164.7	62.6
(PLNS, 30,100,H,H,AH,3)	20.0	-126.4	9.6	1.1	0.9	0.9	161.4	59.3
(PLNS, 30,100,H,H,AH,6)	20.0	-121.3	9.6	1.4	0.9	0.9	156.6	54.5
(PLNS, 30,100,H,H,AH,9)	20.0	-120.6	9.6	1.0	0.9	0.9	155.5	53.4
(KLIR, 14,100,H,H, P,3)	42.2	-80.1		-2.0		0.9	125.5	29.9
(KLIR, 14,100,H,H, P,6)	42.2	-73.8		1.5		0.9	122.7	27.1
(KLIR, 14,100,H,H, P,9)	42.2	-69.2		1.0		0.9	117.6	22.1
(KLIR, 14,100,H,H,AV,3)	42.2	-79.2		-2.0		0.9	124.6	29.0
(KLIR, 14,100,H,H,AV,6)	42.2	-72.4		1.5		0.9	121.3	25.7
(KLIR, 14,100,H,H,AV,9)	42.2	-68.7		1.0		0.9	117.1	21.5
(KLIR, 14,100,H,H,AH,3)	42.2	-76.4		-2.0		0.9	121.8	26.2
(KLIR, 14,100,H,H,AH,6)	42.2	-74.8		1.5		0.9	123.7	28.1
(KLIR, 14,100,H,H,AH,9)	42.2	-66.2		1.0		0.9	114.6	19.0

COLORADO PLAINS B= 30KM SITE 35

DATE 11-05-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-125.8	-4.2	1.4	0.1	-0.0	146.9	58.9
(PLNS, 30, 20,V,V,AV,3)	24.0	-129.2	-4.2	1.4	0.1	-0.0	150.3	62.3
(PLNS, 30, 20,V,V,AH,3)	24.0	-125.8	-4.2	1.4	0.1	-0.0	146.9	58.9
(PLNS, 30, 50,V,V, P,1)	24.0	-135.2	-2.2	-3.4	1.2	0.2	152.2	56.2
(PLNS, 30, 50,V,V, P,3)	24.0	-131.9	-2.2	4.4	1.2	0.2	156.7	60.7
(PLNS, 30, 50,V,V,AV,1)	24.0	-140.0	-2.2	-3.4	1.2	0.2	157.0	61.0
(PLNS, 30, 50,V,V,AV,3)	24.0	-127.0	-2.2	4.4	1.2	0.2	151.8	55.8
(PLNS, 30, 50,V,V,AH,1)	24.0	-135.2	-2.2	-3.4	1.2	0.2	152.2	56.2
(PLNS, 30, 50,V,V,AH,3)	24.0	-131.9	-2.2	4.4	1.2	0.2	156.7	60.7



COLORADO PLAINS R= 30KM SITE 35

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
05-01-64	24.16	H1	65%	48.0	60.2

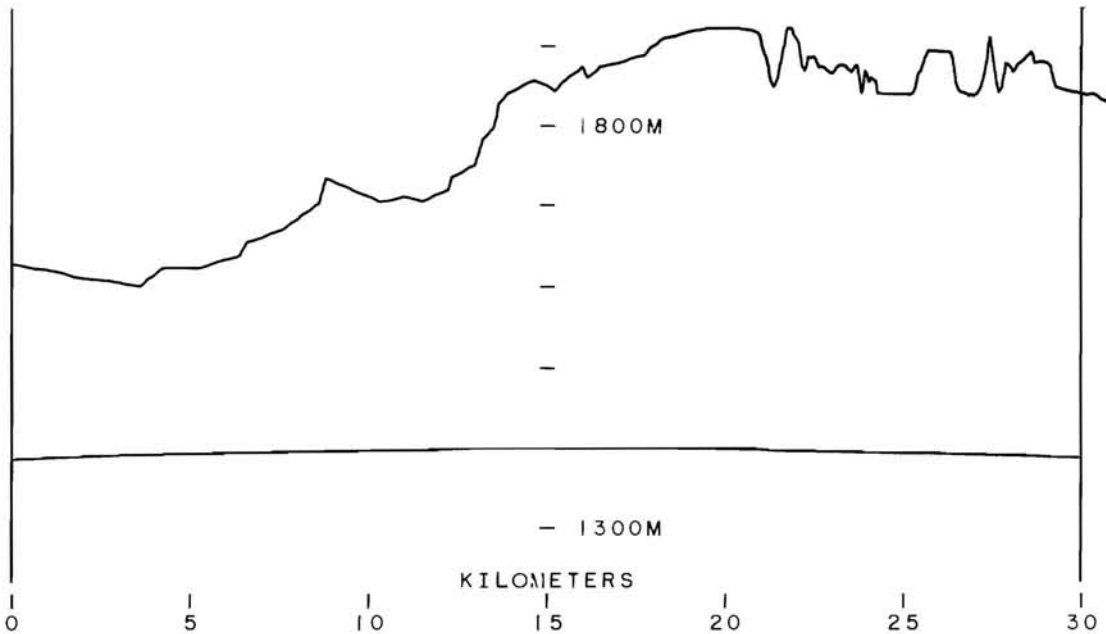
PHONE CABLF PARALLEL TO ROAD ON EAST SIDE, 2 POWER LINES ON WEST SIDE,
 RUNNING ACROSS ROAD NW-SE, 3 HIGH VOLTAGE LINES ON STFFL TOWERS 75FT
 TO REAR OF TRUCK. HILL TO NW IS LINE OF SIGHT HORIZON TO TRANSMITTER.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30,100,V,V, P,3)	20.0	-134.2	7.6	0.2	0.9	0.9	166.3	64.2
(PLNS, 30,100,V,V, P,6)	20.0	-133.0	7.6	-0.4	0.9	0.9	164.5	62.4
(PLNS, 30,100,V,V, P,9)	20.0	-131.0	7.6	-1.3	0.9	0.9	161.6	59.5
(PLNS, 30,100,V,V,AV,3)	20.0	-122.0	7.6	0.2	0.9	0.9	154.1	52.0
(PLNS, 30,100,V,V,AV,6)	20.0	-118.0	7.6	-0.4	0.9	0.9	149.5	47.4
(PLNS, 30,100,V,V,AV,9)	20.0	-118.0	7.6	-1.3	0.9	0.9	148.6	46.5
(PLNS, 30,100,V,V,AH,3)	20.0	-122.0	7.6	0.2	0.9	0.9	154.1	52.0
(PLNS, 30,100,V,V,AH,6)	20.0	-118.0	7.6	-0.4	0.9	0.9	149.5	47.4
(PLNS, 30,100,V,V,AH,9)	20.0	-118.0	7.6	-1.3	0.9	0.9	148.6	46.5
(PLNS, 30,100,H,V, P,3)	20.0	-143.2	9.6	-22.0	0.9	0.9	155.1	53.0
(PLNS, 30,100,H,V, P,6)	20.0	-143.2	9.6	-20.0	0.9	0.9	157.1	55.0
(PLNS, 30,100,H,V, P,9)	20.0	-143.2	9.6	-21.8	0.9	0.9	155.3	53.2
(PLNS, 30,100,H,V,AV,3)	20.0	-135.1	9.6	-22.0	0.9	0.9	147.0	44.9
(PLNS, 30,100,H,V,AV,6)	20.0	-135.1	9.6	-20.0	0.9	0.9	149.0	46.9
(PLNS, 30,100,H,V,AV,9)	20.0	-135.1	9.6	-21.8	0.9	0.9	147.2	45.1
(PLNS, 30,100,H,V,AH,3)	20.0	-135.1	9.6	-22.0	0.9	0.9	147.0	44.9
(PLNS, 30,100,H,V,AH,6)	20.0	-135.1	9.6	-20.0	0.9	0.9	149.0	46.9
(PLNS, 30,100,H,V,AH,9)	20.0	-135.1	9.6	-21.8	0.9	0.9	147.2	45.1
(PLNS, 30,100,V,H, P,3)	20.0	-141.2	7.6	-22.8	0.9	0.9	150.3	48.2
(PLNS, 30,100,V,H, P,6)	20.0	-138.9	7.6	-16.0	0.9	0.9	154.8	52.7
(PLNS, 30,100,V,H, P,9)	20.0	-135.9	7.6	-16.6	0.9	0.9	151.2	49.1
(PLNS, 30,100,V,H,AV,3)	20.0	-133.2	7.6	-22.8	0.9	0.9	142.3	40.2
(PLNS, 30,100,V,H,AV,6)	20.0	-131.4	7.6	-16.0	0.9	0.9	147.3	45.2
(PLNS, 30,100,V,H,AV,9)	20.0	-130.0	7.6	-16.6	0.9	0.9	145.3	43.2
(PLNS, 30,100,V,H,AH,3)	20.0	-133.2	7.6	-22.8	0.9	0.9	142.3	40.2
(PLNS, 30,100,V,H,AH,6)	20.0	-131.4	7.6	-16.0	0.9	0.9	147.3	45.2
(PLNS, 30,100,V,H,AH,9)	20.0	-130.0	7.6	-16.6	0.9	0.9	145.3	43.2
(PLNS, 30,100,H,H, P,3)	20.0	-138.9	9.6	-0.5	0.9	0.9	172.3	70.2
(PLNS, 30,100,H,H, P,6)	20.0	-131.9	9.6	1.3	0.9	0.9	167.1	65.0
(PLNS, 30,100,H,H, P,9)	20.0	-129.8	9.6	1.0	0.9	0.9	164.7	62.6
(PLNS, 30,100,H,H,AV,3)	20.0	-131.4	9.6	-0.5	0.9	0.9	164.8	62.7
(PLNS, 30,100,H,H,AV,6)	20.0	-126.1	9.6	1.3	0.9	0.9	161.3	59.2
(PLNS, 30,100,H,H,AV,9)	20.0	-123.4	9.6	1.0	0.9	0.9	158.3	56.2
(PLNS, 30,100,H,H,AH,3)	20.0	-131.4	9.6	-0.5	0.9	0.9	164.8	62.7
(PLNS, 30,100,H,H,AH,6)	20.0	-126.1	9.6	1.3	0.9	0.9	161.3	59.2
(PLNS, 30,100,H,H,AH,9)	20.0	-123.4	9.6	1.0	0.9	0.9	158.3	56.2
(KLIR, 15,100,H,H, P,3)	42.2	-85.4		0.6		0.9	133.4	37.3
(KLIR, 15,100,H,H, P,6)	42.2	-64.3		1.3		0.9	113.0	16.9
(KLIR, 15,100,H,H, P,9)	42.2	-58.7		0.9		0.9	107.0	10.9
(KLIR, 15,100,H,H,AV,3)	42.2	-72.1		0.6		0.9	120.1	24.0
(KLIR, 15,100,H,H,AV,6)	42.2	-62.0		1.3		0.9	110.7	14.6
(KLIR, 15,100,H,H,AV,9)	42.2	-62.0		0.9		0.9	110.3	14.2
(KLIR, 15,100,H,H,AH,3)	42.2	-72.1		0.6		0.9	120.1	24.0
(KLIR, 15,100,H,H,AH,6)	42.2	-62.0		1.3		0.9	110.7	14.6
(KLIR, 15,100,H,H,AH,9)	42.2	-62.0		0.9		0.9	110.3	14.2

COLORADO PLAINS B= 30KM SITE 36

DATE 11-04-64

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 30, 20,V,V, P,3)	24.0	-140.2	-4.2	-4.3	0.1	-0.0	155.6	67.6
(PLNS, 30, 20,V,V,AV,3)	24.0	-135.0	-4.2	-5.1	0.1	-0.0	149.6	61.6
(PLNS, 30, 20,V,V,AH,3)	24.0	-134.5	-4.2	-5.1	0.1	-0.0	149.1	61.1
(PLNS, 30, 50,V,V, P,1)	24.0	-143.8	-2.2	1.2	1.2	0.2	165.4	69.4
(PLNS, 30, 50,V,V, P,3)	24.0	-140.2	-2.2	1.6	1.2	0.2	162.2	66.2
(PLNS, 30, 50,V,V,AV,1)	24.0	-146.0	-2.2	0.0	1.2	0.2	166.4	70.4
(PLNS, 30, 50,V,V,AV,3)	24.0	-135.2	-2.2	2.6	1.2	0.2	158.2	62.2
(PLNS, 30, 50,V,V,AH,1)	24.0	-141.3	-2.2	0.0	1.2	0.2	161.7	65.7
(PLNS, 30, 50,V,V,AH,3)	24.0	-134.5	-2.2	2.6	1.2	0.2	157.5	61.5



COLORADO PLAINS R= 30KM SITE 36

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-21-64	24.16	HI	65%	48.0	60.2

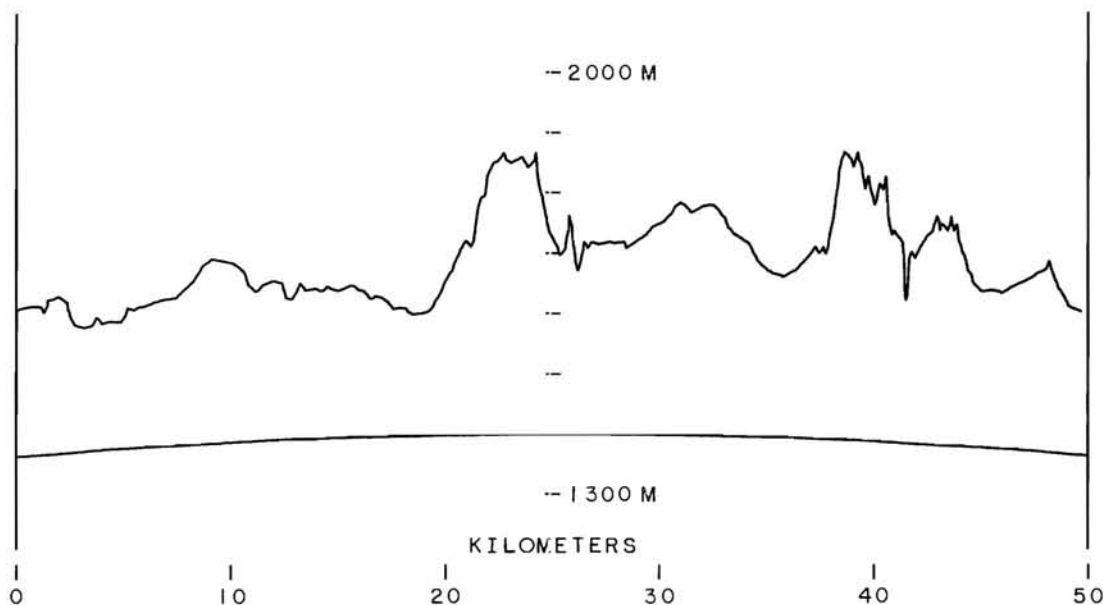
40-WIRE PHONE LINE SOUTH OF SITE, OPPOSITE TO PATH. SITE ON EAST EDGE OF MOUNTAINS. HORIZON IS 300YDS.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 30,100,V,V, P,3)	30.1	-118.7	7.6	-0.4	0.9	0.9	160.4	58.3
(PLNS, 30,100,V,V, P,6)	30.1	-122.8	7.6	-1.1	0.9	0.9	163.8	61.7
(PLNS, 30,100,V,V, P,9)	30.1	-117.7	7.6	-1.4	0.9	0.9	158.4	56.3
(PLNS, 30,100,V,V,AV,3)	30.1	-117.8	7.6	-0.7	0.9	0.9	159.2	57.1
(PLNS, 30,100,V,V,AV,6)	30.1	-119.5	7.6	-1.8	0.9	0.9	159.7	57.7
(PLNS, 30,100,V,V,AV,9)	30.1	-124.5	7.6	-1.7	0.9	0.9	164.9	62.8
(PLNS, 30,100,V,V,AH,3)	30.1	-117.9	7.6	-0.7	0.9	0.9	159.3	57.2
(PLNS, 30,100,V,V,AH,6)	30.1	-119.5	7.6	-1.8	0.9	0.9	159.7	57.7
(PLNS, 30,100,V,V,AH,9)	30.1	-120.7	7.6	-1.7	0.9	0.9	161.1	59.0
(PLNS, 30,100,H,V, P,3)	30.1	-132.9	9.6	-14.8	0.9	0.9	162.2	60.1
(PLNS, 30,100,H,V, P,6)	30.1	-137.9	9.6	-10.3	0.9	0.9	171.7	69.6
(PLNS, 30,100,H,V, P,9)	30.1	-125.9	9.6	-14.0	0.9	0.9	155.9	53.8
(PLNS, 30,100,H,V,AV,3)	30.1	-127.5	9.6	-11.7	0.9	0.9	159.8	57.7
(PLNS, 30,100,H,V,AV,6)	30.1	-127.5	9.6	-10.8	0.9	0.9	160.7	58.6
(PLNS, 30,100,H,V,AV,9)	30.1	-127.5	9.6	-14.8	0.9	0.9	156.7	54.6
(PLNS, 30,100,H,V,AH,3)	30.1	-126.4	9.6	-11.7	0.9	0.9	158.7	56.6
(PLNS, 30,100,H,V,AH,6)	30.1	-129.2	9.6	-10.8	0.9	0.9	162.5	60.4
(PLNS, 30,100,H,V,AH,9)	30.1	-129.2	9.6	-14.8	0.9	0.9	158.5	56.4
(PLNS, 30,100,V,H, P,3)	30.1	-122.4	7.6	-15.6	0.9	0.9	148.8	46.7
(PLNS, 30,100,V,H, P,6)	30.1	-127.2	7.6	-16.5	0.9	0.9	152.7	50.6
(PLNS, 30,100,V,H, P,9)	30.1	-122.4	7.6	-16.4	0.9	0.9	148.0	45.9
(PLNS, 30,100,V,H,AV,3)	30.1	-124.1	7.6	-17.0	0.9	0.9	149.2	47.1
(PLNS, 30,100,V,H,AV,6)	30.1	-130.2	7.6	-18.0	0.9	0.9	154.2	52.1
(PLNS, 30,100,V,H,AV,9)	30.1	-129.0	7.6	-17.3	0.9	0.9	153.8	51.7
(PLNS, 30,100,V,H,AH,3)	30.1	-128.1	7.6	-17.0	0.9	0.9	153.1	51.0
(PLNS, 30,100,V,H,AH,6)	30.1	-144.3	7.6	-18.0	0.9	0.9	168.4	66.3
(PLNS, 30,100,V,H,AH,9)	30.1	-125.9	7.6	-17.3	0.9	0.9	150.6	48.5
(PLNS, 30,100,H,H, P,3)	30.1	-126.1	9.6	1.0	0.9	0.9	171.2	69.1
(PLNS, 30,100,H,H, P,6)	30.1	-130.2	9.6	1.5	0.9	0.9	175.7	73.6
(PLNS, 30,100,H,H, P,9)	30.1	-127.8	9.6	1.1	0.9	0.9	172.9	70.8
(PLNS, 30,100,H,H,AV,3)	30.1	-123.9	9.6	1.1	0.9	0.9	169.1	67.0
(PLNS, 30,100,H,H,AV,6)	30.1	-128.4	9.6	1.6	0.9	0.9	174.0	71.9
(PLNS, 30,100,H,H,AV,9)	30.1	-123.9	9.6	1.2	0.9	0.9	169.2	67.1
(PLNS, 30,100,H,H,AH,3)	30.1	-123.0	9.6	1.1	0.9	0.9	168.2	66.1
(PLNS, 30,100,H,H,AH,6)	30.1	-128.4	9.6	1.6	0.9	0.9	174.0	71.9
(PLNS, 30,100,H,H,AH,9)	30.1	-120.7	9.6	1.2	0.9	0.9	166.0	63.9
(KLIR, 18,100,H,H, P,3)	42.2	-75.1		-1.9		0.9	120.6	23.0
(KLIR, 18,100,H,H, P,6)	42.2	-71.0		1.6		0.9	120.0	22.4
(KLIR, 18,100,H,H, P,9)	42.2	-66.1		1.1		0.9	114.6	17.0
(KLIR, 18,100,H,H,AV,3)	42.2	-63.7		-1.7		0.9	109.4	11.9
(KLIR, 18,100,H,H,AV,6)	42.2	-69.8		1.4		0.9	118.6	21.0
(KLIR, 18,100,H,H,AV,9)	42.2	-70.6		1.0		0.9	119.0	21.4
(KLIR, 18,100,H,H,AH,3)	42.2	-61.4		-1.7		0.9	107.1	9.6
(KLIR, 18,100,H,H,AH,6)	42.2	-57.9		1.4		0.9	106.7	9.1
(KLIR, 18,100,H,H,AH,9)	42.2	-59.2		1.0		0.9	107.6	10.0

COLORADO PLAINS B= 50KM SITE 1

DATE 11-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-140.0	-4.1	-1.9	0.1	-0.0	157.9	65.4
(PLNS, 50, 20,V,V,AV,3)	24.0	-140.0	-4.1	-1.9	0.1	-0.0	157.9	65.4
(PLNS, 50, 20,V,V,AH,3)	24.0	-140.0	-4.1	-1.9	0.1	-0.0	157.9	65.4
(PLNS, 50, 50,V,V, P,1)	24.0	-152.0	-0.6	5.2	1.2	0.2	179.2	78.8
(PLNS, 50, 50,V,V, P,3)	24.0	-152.0	-0.6	-1.4	1.2	0.2	172.6	72.2
(PLNS, 50, 50,V,V,AV,1)	24.0	-152.0	-0.6	5.2	1.2	0.2	179.2	78.8
(PLNS, 50, 50,V,V,AV,3)	24.0	-152.0	-0.6	-1.4	1.2	0.2	172.6	72.2
(PLNS, 50, 50,V,V,AH,1)	24.0	-152.0	-0.6	5.2	1.2	0.2	179.2	78.8
(PLNS, 50, 50,V,V,AH,3)	24.0	-152.0	-0.6	-1.4	1.2	0.2	172.6	72.2



COLORADO PLAINS B= 50KM SITE 1

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-29-64	24.52	CLEAR	0%	46.0	65.5

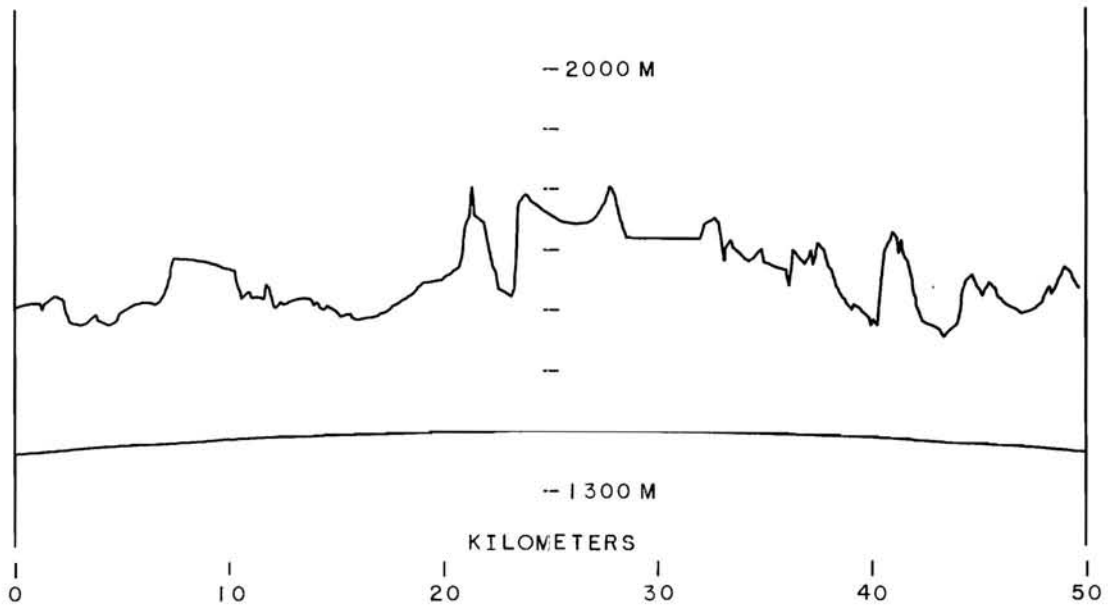
SITE IS IN BROAD CANYON. HORIZON IS SIDE OF CANYON 1/4MI TO SW.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-142.8	7.6	-2.3	0.9	0.9	172.4	65.9
(PLNS, 50,100,V,V, P,6)	20.0	-142.8	7.6	-1.8	0.9	0.9	172.9	66.4
(PLNS, 50,100,V,V, P,9)	20.0	-140.3	7.6	-2.2	0.9	0.9	170.0	63.5
(PLNS, 50,100,V,V,AV,3)	20.0	-142.8	7.6	-2.3	0.9	0.9	172.4	65.9
(PLNS, 50,100,V,V,AV,6)	20.0	-142.8	7.6	-1.8	0.9	0.9	172.9	66.4
(PLNS, 50,100,V,V,AV,9)	20.0	-140.3	7.6	-2.2	0.9	0.9	170.0	63.5
(PLNS, 50,100,V,V,AH,3)	20.0	-142.8	7.6	-2.3	0.9	0.9	172.4	65.9
(PLNS, 50,100,V,V,AH,6)	20.0	-142.8	7.6	-1.8	0.9	0.9	172.9	66.4
(PLNS, 50,100,V,V,AH,9)	20.0	-140.3	7.6	-2.2	0.9	0.9	170.0	63.5
(PLNS, 50,100,H,V, P,3)	20.0	-146.4	9.6	-16.9	0.9	0.9	163.4	56.8
(PLNS, 50,100,H,V, P,6)	20.0	-148.7	9.6	-15.8	0.9	0.9	166.8	60.3
(PLNS, 50,100,H,V, P,9)	20.0	-148.7	9.6	-16.6	0.9	0.9	166.0	59.5
(PLNS, 50,100,H,V,AV,3)	20.0	-146.4	9.6	-16.9	0.9	0.9	163.4	56.8
(PLNS, 50,100,H,V,AV,6)	20.0	-148.7	9.6	-15.8	0.9	0.9	166.8	60.3
(PLNS, 50,100,H,V,AV,9)	20.0	-148.7	9.6	-16.6	0.9	0.9	166.0	59.5
(PLNS, 50,100,H,V,AH,3)	20.0	-146.4	9.6	-16.9	0.9	0.9	163.4	56.8
(PLNS, 50,100,H,V,AH,6)	20.0	-148.7	9.6	-15.8	0.9	0.9	166.8	60.3
(PLNS, 50,100,H,V,AH,9)	20.0	-148.7	9.6	-16.6	0.9	0.9	166.0	59.5
(PLNS, 50,100,V,H, P,3)	20.0	-148.7	7.6	-20.6	0.9	0.9	160.0	53.5
(PLNS, 50,100,V,H, P,6)	20.0	-148.7	7.6	-16.0	0.9	0.9	164.6	58.1
(PLNS, 50,100,V,H, P,9)	20.0	-148.7	7.6	-15.7	0.9	0.9	164.9	58.4
(PLNS, 50,100,V,H,AV,3)	20.0	-148.7	7.6	-20.6	0.9	0.9	160.0	53.5
(PLNS, 50,100,V,H,AV,6)	20.0	-148.7	7.6	-16.0	0.9	0.9	164.6	58.1
(PLNS, 50,100,V,H,AV,9)	20.0	-148.7	7.6	-15.7	0.9	0.9	164.9	58.4
(PLNS, 50,100,V,H,AH,3)	20.0	-148.7	7.6	-20.6	0.9	0.9	160.0	53.5
(PLNS, 50,100,V,H,AH,6)	20.0	-148.7	7.6	-16.0	0.9	0.9	164.6	58.1
(PLNS, 50,100,V,H,AH,9)	20.0	-148.7	7.6	-15.7	0.9	0.9	164.9	58.4
(PLNS, 50,100,H,H, P,3)	20.0	-146.4	9.6	-0.7	0.9	0.9	179.6	73.0
(PLNS, 50,100,H,H, P,6)	20.0	-146.4	9.6	1.6	0.9	0.9	181.9	75.3
(PLNS, 50,100,H,H, P,9)	20.0	-146.4	9.6	1.1	0.9	0.9	181.4	74.8
(PLNS, 50,100,H,H,AV,3)	20.0	-146.4	9.6	-0.7	0.9	0.9	179.6	73.0
(PLNS, 50,100,H,H,AV,6)	20.0	-146.4	9.6	1.6	0.9	0.9	181.9	75.3
(PLNS, 50,100,H,H,AV,9)	20.0	-146.4	9.6	1.1	0.9	0.9	181.4	74.8
(PLNS, 50,100,H,H,AH,3)	20.0	-146.4	9.6	-0.7	0.9	0.9	179.6	73.0
(PLNS, 50,100,H,H,AH,6)	20.0	-146.4	9.6	1.6	0.9	0.9	181.9	75.3
(PLNS, 50,100,H,H,AH,9)	20.0	-146.4	9.6	1.1	0.9	0.9	181.4	74.8
(KLIR, 91,100,H,H, P,3)	42.2	-121.7		-0.4		0.9	168.7	57.1
(KLIR, 91,100,H,H, P,6)	42.2	-117.4		1.6		0.9	166.4	54.8
(KLIR, 91,100,H,H, P,9)	42.2	-116.6		1.0		0.9	165.0	53.4
(KLIR, 91,100,H,H,AV,3)	42.2	-121.7		-0.4		0.9	168.7	57.1
(KLIR, 91,100,H,H,AV,6)	42.2	-117.4		1.6		0.9	166.4	54.8
(KLIR, 91,100,H,H,AV,9)	42.2	-116.6		1.0		0.9	165.0	53.4
(KLIR, 91,100,H,H,AH,3)	42.2	-121.7		-0.4		0.9	168.7	57.1
(KLIR, 91,100,H,H,AH,6)	42.2	-117.4		1.6		0.9	166.4	54.8
(KLIR, 91,100,H,H,AH,9)	42.2	-116.6		1.0		0.9	165.0	53.4

COLORADO PLAINS B= 50KM SITE 2

DATE 11-13-64

(T,B,F,P(T),P(R),L,H)	w(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-135.7	-4.0	-1.9	0.1	-0.0	153.7	61.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-135.7	-4.0	-1.9	0.1	-0.0	153.7	61.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-135.7	-4.0	-1.9	0.1	-0.0	153.7	61.3
(PLNS, 50, 50,V,V, P,1)	24.0	-143.2	-0.6	4.8	1.2	0.2	170.0	69.6
(PLNS, 50, 50,V,V, P,3)	24.0	-145.0	-0.6	-1.6	1.2	0.2	165.4	64.9
(PLNS, 50, 50,V,V,AV,1)	24.0	-143.2	-0.6	4.8	1.2	0.2	170.0	69.6
(PLNS, 50, 50,V,V,AV,3)	24.0	-145.0	-0.6	-1.6	1.2	0.2	165.4	64.9
(PLNS, 50, 50,V,V,AH,1)	24.0	-143.2	-0.6	4.8	1.2	0.2	170.0	69.6
(PLNS, 50, 50,V,V,AH,3)	24.0	-145.0	-0.6	-1.6	1.2	0.2	165.4	64.9



COLORADO PLAINS R= 50KM SITE 2

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
04-29-64	PRESSURE	TYPE	PERCENT	WET	DRY
	24.56	CLEAR	0%	45.0	68.0

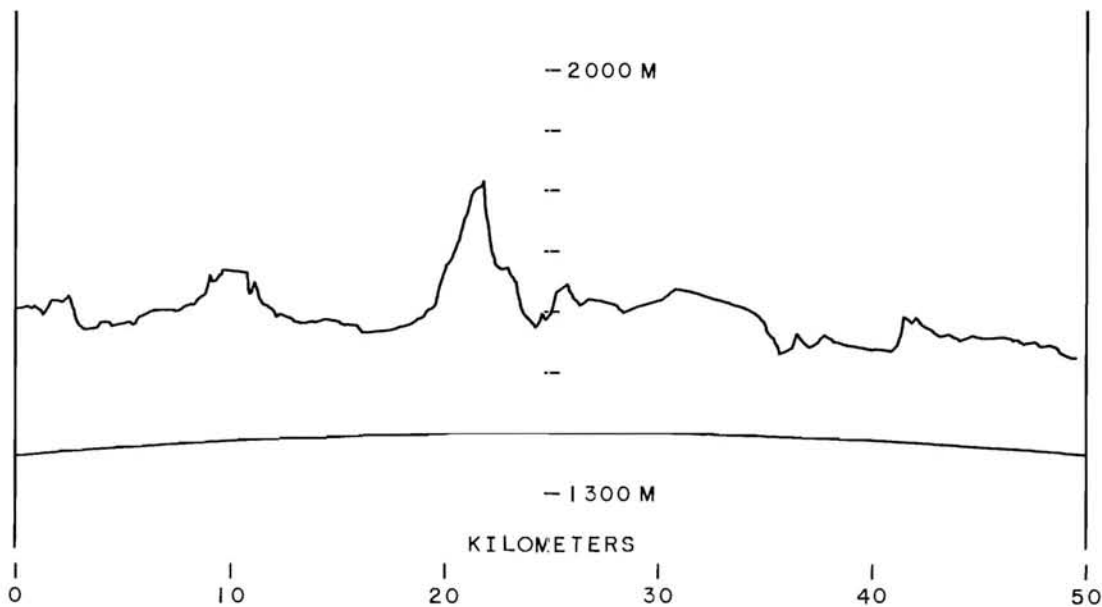
SITE IS IN CANYON AREA WITH HORIZON IN LINE OF SIGHT ABOUT 1/2MI SW.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-139.9	7.6	-1.8	0.9	0.9	170.0	63.4
(PLNS, 50,100,V,V, P,6)	20.0	-136.6	7.6	-1.7	0.9	0.9	166.8	60.2
(PLNS, 50,100,V,V, P,9)	20.0	-136.6	7.6	-2.2	0.9	0.9	166.3	59.7
(PLNS, 50,100,V,V,AV,3)	20.0	-139.9	7.6	-1.8	0.9	0.9	170.0	63.4
(PLNS, 50,100,V,V,AV,6)	20.0	-136.6	7.6	-1.7	0.9	0.9	166.8	60.2
(PLNS, 50,100,V,V,AV,9)	20.0	-136.6	7.6	-2.2	0.9	0.9	166.3	59.7
(PLNS, 50,100,V,V,AH,3)	20.0	-139.9	7.6	-1.8	0.9	0.9	170.0	63.4
(PLNS, 50,100,V,V,AH,6)	20.0	-136.6	7.6	-1.7	0.9	0.9	166.8	60.2
(PLNS, 50,100,V,V,AH,9)	20.0	-136.6	7.6	-2.2	0.9	0.9	166.3	59.7
(PLNS, 50,100,H,V, P,3)	20.0	-132.9	9.6	-16.4	0.9	0.9	150.4	43.9
(PLNS, 50,100,H,V, P,6)	20.0	-135.6	9.6	-14.7	0.9	0.9	154.8	48.2
(PLNS, 50,100,H,V, P,9)	20.0	-140.3	9.6	-16.1	0.9	0.9	158.1	51.6
(PLNS, 50,100,H,V,AV,3)	20.0	-132.9	9.6	-16.4	0.9	0.9	150.4	43.9
(PLNS, 50,100,H,V,AV,6)	20.0	-135.6	9.6	-14.7	0.9	0.9	154.8	48.2
(PLNS, 50,100,H,V,AV,9)	20.0	-140.3	9.6	-16.1	0.9	0.9	158.1	51.6
(PLNS, 50,100,H,V,AH,3)	20.0	-132.9	9.6	-16.4	0.9	0.9	150.4	43.9
(PLNS, 50,100,H,V,AH,6)	20.0	-135.6	9.6	-14.7	0.9	0.9	154.8	48.2
(PLNS, 50,100,H,V,AH,9)	20.0	-140.3	9.6	-16.1	0.9	0.9	158.1	51.6
(PLNS, 50,100,V,H, P,3)	20.0	-138.9	7.6	-21.0	0.9	0.9	149.8	43.3
(PLNS, 50,100,V,H, P,6)	20.0	-140.5	7.6	-16.6	0.9	0.9	155.8	49.2
(PLNS, 50,100,V,H, P,9)	20.0	-138.9	7.6	-15.8	0.9	0.9	155.0	48.5
(PLNS, 50,100,V,H,AV,3)	20.0	-138.9	7.6	-21.0	0.9	0.9	149.8	43.3
(PLNS, 50,100,V,H,AV,6)	20.0	-140.5	7.6	-16.6	0.9	0.9	155.8	49.2
(PLNS, 50,100,V,H,AV,9)	20.0	-138.9	7.6	-15.8	0.9	0.9	155.0	48.5
(PLNS, 50,100,V,H,AH,3)	20.0	-138.9	7.6	-21.0	0.9	0.9	149.8	43.3
(PLNS, 50,100,V,H,AH,6)	20.0	-140.5	7.6	-16.6	0.9	0.9	155.8	49.2
(PLNS, 50,100,V,H,AH,9)	20.0	-138.9	7.6	-15.8	0.9	0.9	155.0	48.5
(PLNS, 50,100,H,H, P,3)	20.0	-136.6	9.6	-0.9	0.9	0.9	169.6	63.0
(PLNS, 50,100,H,H, P,6)	20.0	-134.0	9.6	1.6	0.9	0.9	169.5	62.9
(PLNS, 50,100,H,H, P,9)	20.0	-132.5	9.6	1.1	0.9	0.9	167.5	61.0
(PLNS, 50,100,H,H,AV,3)	20.0	-136.6	9.6	-0.9	0.9	0.9	169.6	63.0
(PLNS, 50,100,H,H,AV,6)	20.0	-134.0	9.6	1.6	0.9	0.9	169.5	62.9
(PLNS, 50,100,H,H,AV,9)	20.0	-132.5	9.6	1.1	0.9	0.9	167.5	61.0
(PLNS, 50,100,H,H,AH,3)	20.0	-136.6	9.6	-0.9	0.9	0.9	169.6	63.0
(PLNS, 50,100,H,H,AH,6)	20.0	-134.0	9.6	1.6	0.9	0.9	169.5	62.9
(PLNS, 50,100,H,H,AH,9)	20.0	-132.5	9.6	1.1	0.9	0.9	167.5	61.0
(KLIR, 91,100,H,H, P,3)	42.2	-116.8		-0.4		0.9	163.8	52.2
(KLIR, 91,100,H,H, P,6)	42.2	-110.2		1.6		0.9	159.2	47.6
(KLIR, 91,100,H,H, P,9)	42.2	-108.1		1.0		0.9	156.5	44.9
(KLIR, 91,100,H,H,AV,3)	42.2	-116.8		-0.4		0.9	163.8	52.2
(KLIR, 91,100,H,H,AV,6)	42.2	-110.2		1.6		0.9	159.2	47.6
(KLIR, 91,100,H,H,AV,9)	42.2	-108.1		1.0		0.9	156.5	44.9
(KLIR, 91,100,H,H,AH,3)	42.2	-116.8		-0.4		0.9	163.8	52.2
(KLIR, 91,100,H,H,AH,6)	42.2	-110.2		1.6		0.9	159.2	47.6
(KLIR, 91,100,H,H,AH,9)	42.2	-108.1		1.0		0.9	156.5	44.9

COLORADO PLAINS B= 50KM SITE 4

DATE 11-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-134.1	-3.5	-2.0	0.1	-0.0	152.5	60.0
(PLNS, 50, 20,V,V,AV,3)	24.0	-132.0	-3.5	-2.0	0.1	-0.0	150.4	57.9
(PLNS, 50, 20,V,V,AH,3)	24.0	-134.1	-3.5	-2.0	0.1	-0.0	152.5	60.0
(PLNS, 50, 50,V,V, P,1)	24.0	-136.5	-0.3	4.0	1.2	0.2	162.8	62.4
(PLNS, 50, 50,V,V, P,3)	24.0	-138.6	-0.3	-2.4	1.2	0.2	158.5	58.0
(PLNS, 50, 50,V,V,AV,1)	24.0	-133.5	-0.3	4.0	1.2	0.2	159.8	59.4
(PLNS, 50, 50,V,V,AV,3)	24.0	-137.0	-0.3	-2.4	1.2	0.2	156.9	56.4
(PLNS, 50, 50,V,V,AH,1)	24.0	-136.5	-0.3	4.0	1.2	0.2	162.8	62.4
(PLNS, 50, 50,V,V,AH,3)	24.0	-138.6	-0.3	-2.4	1.2	0.2	158.5	58.0



COLORADO PLAINS B= 50KM SITE 4

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-29-64	24.86	L1	2%	46.0	63.0

SITE IS IN DEPRESSION BETWEEN 2 HILLS. HORIZON IS TOP OF HILL 150FT TO SW. AREA IS OPEN FARMLAND.

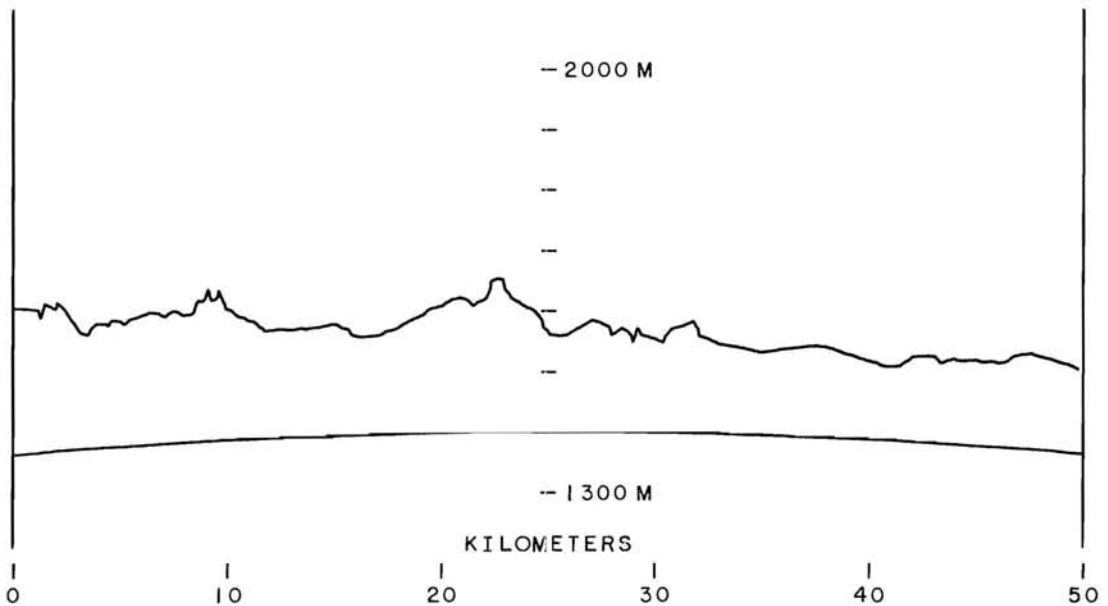
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-143.2	7.6	-1.6	0.9	0.9	173.5	67.0
(PLNS, 50,100,V,V, P,6)	20.0	-140.7	7.6	-1.6	0.9	0.9	171.0	64.5
(PLNS, 50,100,V,V, P,9)	20.0	-138.4	7.6	-2.2	0.9	0.9	168.1	61.6
(PLNS, 50,100,V,V,AV,3)	20.0	-135.9	7.6	-1.6	0.9	0.9	166.2	59.7
(PLNS, 50,100,V,V,AV,6)	20.0	-134.0	7.6	-1.6	0.9	0.9	164.3	57.7
(PLNS, 50,100,V,V,AV,9)	20.0	-135.9	7.6	-2.2	0.9	0.9	165.6	59.1
(PLNS, 50,100,V,V,AH,3)	20.0	-143.2	7.6	-1.6	0.9	0.9	173.5	67.0
(PLNS, 50,100,V,V,AH,6)	20.0	-140.7	7.6	-1.6	0.9	0.9	171.0	64.5
(PLNS, 50,100,V,V,AH,9)	20.0	-138.4	7.6	-2.2	0.9	0.9	168.1	61.6
(PLNS, 50,100,H,V, P,3)	20.0	-146.4	9.6	-16.1	0.9	0.9	164.2	57.6
(PLNS, 50,100,H,V, P,6)	20.0	-146.4	9.6	-13.6	0.9	0.9	166.7	60.1
(PLNS, 50,100,H,V, P,9)	20.0	-146.4	9.6	-16.1	0.9	0.9	164.2	57.6
(PLNS, 50,100,H,V,AV,3)	20.0	-146.9	9.6	-16.1	0.9	0.9	164.7	58.2
(PLNS, 50,100,H,V,AV,6)	20.0	-146.9	9.6	-13.6	0.9	0.9	167.2	60.7
(PLNS, 50,100,H,V,AV,9)	20.0	-143.6	9.6	-16.1	0.9	0.9	161.4	54.8
(PLNS, 50,100,H,V,AH,3)	20.0	-146.4	9.6	-16.1	0.9	0.9	164.2	57.6
(PLNS, 50,100,H,V,AH,6)	20.0	-146.4	9.6	-13.6	0.9	0.9	166.7	60.1
(PLNS, 50,100,H,V,AH,9)	20.0	-146.4	9.6	-16.1	0.9	0.9	164.2	57.6
(PLNS, 50,100,V,H, P,3)	20.0	**	7.6	-21.3	0.9	0.9	**	**
(PLNS, 50,100,V,H, P,6)	20.0	**	7.6	-17.5	0.9	0.9	**	**
(PLNS, 50,100,V,H, P,9)	20.0	**	7.6	-16.0	0.9	0.9	**	**
(PLNS, 50,100,V,H,AV,3)	20.0	**	7.6	-21.3	0.9	0.9	**	**
(PLNS, 50,100,V,H,AV,6)	20.0	**	7.6	-17.5	0.9	0.9	**	**
(PLNS, 50,100,V,H,AV,9)	20.0	-146.9	7.6	-16.0	0.9	0.9	162.8	56.3
(PLNS, 50,100,V,H,AH,3)	20.0	**	7.6	-21.3	0.9	0.9	**	**
(PLNS, 50,100,V,H,AH,6)	20.0	**	7.6	-17.5	0.9	0.9	**	**
(PLNS, 50,100,V,H,AH,9)	20.0	**	7.6	-16.0	0.9	0.9	**	**
(PLNS, 50,100,H,H, P,3)	20.0	-143.7	9.6	-1.2	0.9	0.9	176.4	69.9
(PLNS, 50,100,H,H, P,6)	20.0	-136.4	9.6	1.6	0.9	0.9	171.9	65.4
(PLNS, 50,100,H,H, P,9)	20.0	-133.8	9.6	1.1	0.9	0.9	168.8	62.2
(PLNS, 50,100,H,H,AV,3)	20.0	-133.4	9.6	-1.2	0.9	0.9	166.1	59.5
(PLNS, 50,100,H,H,AV,6)	20.0	-128.4	9.6	1.6	0.9	0.9	163.9	57.3
(PLNS, 50,100,H,H,AV,9)	20.0	-129.0	9.6	1.1	0.9	0.9	164.0	57.5
(PLNS, 50,100,H,H,AH,3)	20.0	-143.7	9.6	-1.2	0.9	0.9	176.4	69.9
(PLNS, 50,100,H,H,AH,6)	20.0	-136.4	9.6	1.6	0.9	0.9	171.9	65.4
(PLNS, 50,100,H,H,AH,9)	20.0	-133.8	9.6	1.1	0.9	0.9	168.8	62.2
(KLIR, 88,100,H,H, P,3)	42.2	-131.0		-0.6		0.9	177.8	66.4
(KLIR, 88,100,H,H, P,6)	42.2	-122.8		1.6		0.9	171.8	60.5
(KLIR, 88,100,H,H, P,9)	42.2	-122.8		1.0		0.9	171.2	59.9
(KLIR, 88,100,H,H,AV,3)	42.2	-115.3		-0.6		0.9	162.1	50.7
(KLIR, 88,100,H,H,AV,6)	42.2	-112.8		1.6		0.9	161.8	50.4
(KLIR, 88,100,H,H,AV,9)	42.2	-111.4		1.0		0.9	159.8	48.4
(KLIR, 88,100,H,H,AH,3)	42.2	-131.0		-0.6		0.9	177.8	66.4
(KLIR, 88,100,H,H,AH,6)	42.2	-122.8		1.6		0.9	171.8	60.5
(KLIR, 88,100,H,H,AH,9)	42.2	-122.8		1.0		0.9	171.2	59.9

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 50KM SITE 5

DATE 11-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-133.5	-2.4	1.2	0.1	-0.0	156.2	63.8
(PLNS, 50, 20,V,V,AV,3)	24.0	-133.0	-2.4	1.2	0.1	-0.0	155.7	63.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-133.5	-2.4	1.2	0.1	-0.0	156.2	63.8
(PLNS, 50, 50,V,V, P,1)	24.0	-149.3	0.0	-1.7	1.2	0.2	170.2	69.7
(PLNS, 50, 50,V,V, P,3)	24.0	-143.2	0.0	6.9	1.2	0.2	172.7	72.3
(PLNS, 50, 50,V,V,AV,1)	24.0	-145.4	0.0	-1.7	1.2	0.2	166.3	65.8
(PLNS, 50, 50,V,V,AV,3)	24.0	-141.0	0.0	6.9	1.2	0.2	170.5	70.1
(PLNS, 50, 50,V,V,AH,1)	24.0	-149.3	0.0	-1.7	1.2	0.2	170.2	69.7
(PLNS, 50, 50,V,V,AH,3)	24.0	-143.2	0.0	6.9	1.2	0.2	172.7	72.3



COLORADO PLAINS B= 50KM SITF 5

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-29-64	24.42	L1	2%	48.5	70.0

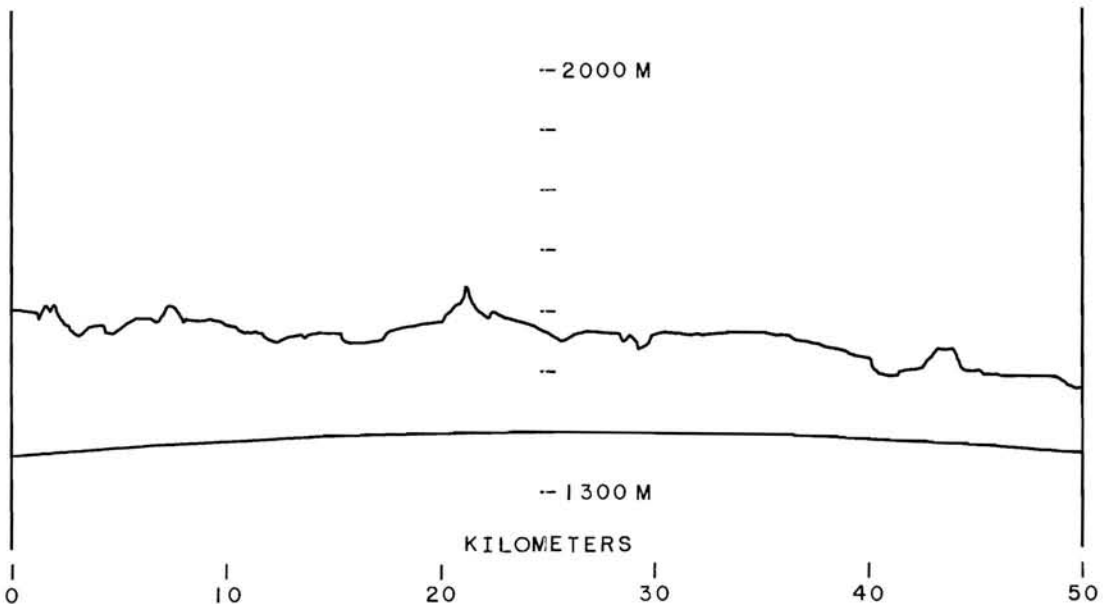
SITE IS ABOUT 300FT NORTH OF BROW OF HILL WHICH IS HORIZON FOR PATH.
POWER LINES ACROSS HIGHWAY 100FT AHEAD OF TRUCK.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-145.0	7.6	-0.8	0.9	0.9	176.1	69.5
(PLNS, 50,100,V,V, P,6)	20.0	-141.2	7.6	-0.6	0.9	0.9	172.5	65.9
(PLNS, 50,100,V,V, P,9)	20.0	-141.2	7.6	-1.2	0.9	0.9	171.9	65.3
(PLNS, 50,100,V,V,AV,3)	20.0	-138.4	7.6	-0.8	0.9	0.9	169.5	63.0
(PLNS, 50,100,V,V,AV,6)	20.0	-134.7	7.6	-0.6	0.9	0.9	166.0	59.5
(PLNS, 50,100,V,V,AV,9)	20.0	-132.9	7.6	-1.2	0.9	0.9	163.6	57.1
(PLNS, 50,100,V,V,AH,3)	20.0	-138.4	7.6	-0.8	0.9	0.9	169.5	63.0
(PLNS, 50,100,V,V,AH,6)	20.0	-134.7	7.6	-0.6	0.9	0.9	166.0	59.5
(PLNS, 50,100,V,V,AH,9)	20.0	-132.9	7.6	-1.2	0.9	0.9	163.6	57.1
(PLNS, 50,100,H,V, P,3)	20.0	-145.0	9.6	-16.2	0.9	0.9	162.7	56.1
(PLNS, 50,100,H,V, P,6)	20.0	-145.9	9.6	-14.5	0.9	0.9	165.3	58.7
(PLNS, 50,100,H,V, P,9)	20.0	-143.6	9.6	-17.8	0.9	0.9	159.7	53.1
(PLNS, 50,100,H,V,AV,3)	20.0	-142.7	9.6	-16.2	0.9	0.9	160.4	53.9
(PLNS, 50,100,H,V,AV,6)	20.0	-142.7	9.6	-14.5	0.9	0.9	162.1	55.6
(PLNS, 50,100,H,V,AV,9)	20.0	-142.7	9.6	-17.8	0.9	0.9	158.8	52.3
(PLNS, 50,100,H,V,AH,3)	20.0	-142.7	9.6	-16.2	0.9	0.9	160.4	53.9
(PLNS, 50,100,H,V,AH,6)	20.0	-142.7	9.6	-14.5	0.9	0.9	162.1	55.6
(PLNS, 50,100,H,V,AH,9)	20.0	-142.7	9.6	-17.8	0.9	0.9	158.8	52.3
(PLNS, 50,100,V,H, P,3)	20.0	-145.9	7.6	-19.2	0.9	0.9	158.6	52.0
(PLNS, 50,100,V,H, P,6)	20.0	-145.9	7.6	-15.8	0.9	0.9	162.0	55.4
(PLNS, 50,100,V,H, P,9)	20.0	-147.5	7.6	-16.2	0.9	0.9	163.2	56.6
(PLNS, 50,100,V,H,AV,3)	20.0	-143.9	7.6	-19.2	0.9	0.9	156.6	50.1
(PLNS, 50,100,V,H,AV,6)	20.0	-141.2	7.6	-15.8	0.9	0.9	157.3	50.7
(PLNS, 50,100,V,H,AV,9)	20.0	-141.2	7.6	-16.2	0.9	0.9	156.9	50.3
(PLNS, 50,100,V,H,AH,3)	20.0	-143.9	7.6	-19.2	0.9	0.9	156.6	50.1
(PLNS, 50,100,V,H,AH,6)	20.0	-141.2	7.6	-15.8	0.9	0.9	157.3	50.7
(PLNS, 50,100,V,H,AH,9)	20.0	-141.2	7.6	-16.2	0.9	0.9	156.9	50.3
(PLNS, 50,100,H,H, P,3)	20.0	-140.3	9.6	0.5	0.9	0.9	174.7	68.2
(PLNS, 50,100,H,H, P,6)	20.0	-138.4	9.6	1.6	0.9	0.9	173.9	67.4
(PLNS, 50,100,H,H, P,9)	20.0	-138.4	9.6	1.4	0.9	0.9	173.7	67.2
(PLNS, 50,100,H,H,AV,3)	20.0	-134.7	9.6	0.5	0.9	0.9	169.1	62.6
(PLNS, 50,100,H,H,AV,6)	20.0	-133.2	9.6	1.6	0.9	0.9	168.7	62.2
(PLNS, 50,100,H,H,AV,9)	20.0	-126.4	9.6	1.4	0.9	0.9	161.7	55.1
(PLNS, 50,100,H,H,AH,3)	20.0	-134.7	9.6	0.5	0.9	0.9	169.1	62.6
(PLNS, 50,100,H,H,AH,6)	20.0	-133.2	9.6	1.6	0.9	0.9	168.7	62.2
(PLNS, 50,100,H,H,AH,9)	20.0	-126.4	9.6	1.4	0.9	0.9	161.7	55.1
(KLIR, 87,100,H,H, P,3)	42.2	-123.4		-0.6		0.9	170.2	58.9
(KLIR, 87,100,H,H, P,6)	42.2	-118.8		1.6		0.9	167.8	56.5
(KLIR, 87,100,H,H, P,9)	42.2	-116.4		1.1		0.9	164.9	53.6
(KLIR, 87,100,H,H,AV,3)	42.2	-130.2		-0.6		0.9	177.0	65.7
(KLIR, 87,100,H,H,AV,6)	42.2	-126.6		1.6		0.9	175.6	64.3
(KLIR, 87,100,H,H,AV,9)	42.2	-125.0		1.1		0.9	173.5	62.2
(KLIR, 87,100,H,H,AH,3)	42.2	-130.2		-0.6		0.9	177.0	65.7
(KLIR, 87,100,H,H,AH,6)	42.2	-126.6		1.6		0.9	175.6	64.3
(KLIR, 87,100,H,H,AH,9)	42.2	-125.0		1.1		0.9	173.5	62.2

COLORADO PLAINS B= 50KM SITE 6

DATE 11-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-131.0	-0.5	-2.2	0.1	-0.0	152.2	59.8
(PLNS, 50, 20,V,V,AV,3)	24.0	-133.2	-0.5	-2.2	0.1	-0.0	154.4	61.9
(PLNS, 50, 20,V,V,AH,3)	24.0	-131.0	-0.5	-2.2	0.1	-0.0	152.2	59.8
(PLNS, 50, 50,V,V, P,1)	24.0	-141.0	0.1	2.5	1.2	0.2	166.2	65.8
(PLNS, 50, 50,V,V, P,3)	24.0	-143.3	0.1	-3.4	1.2	0.2	162.6	62.1
(PLNS, 50, 50,V,V,AV,1)	24.0	-140.1	0.1	2.5	1.2	0.2	165.3	64.8
(PLNS, 50, 50,V,V,AV,3)	24.0	-144.5	0.1	-3.4	1.2	0.2	163.8	63.4
(PLNS, 50, 50,V,V,AH,1)	24.0	-141.0	0.1	2.5	1.2	0.2	166.2	65.8
(PLNS, 50, 50,V,V,AH,3)	24.0	-143.3	0.1	-3.4	1.2	0.2	162.6	62.1



COLORADO PLAINS B= 50KM SITE 6

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
05-06-64	24.80	L5,H4	90%	45.0	70.0

ROLLING OPEN FARM LAND. 4-WIRE POWER LINE 25FT HIGH, RUNNING PARALLEL TO ROAD AND IN LINE OF PATH. HORIZON TO PATH ABOUT 1MI TO SW.

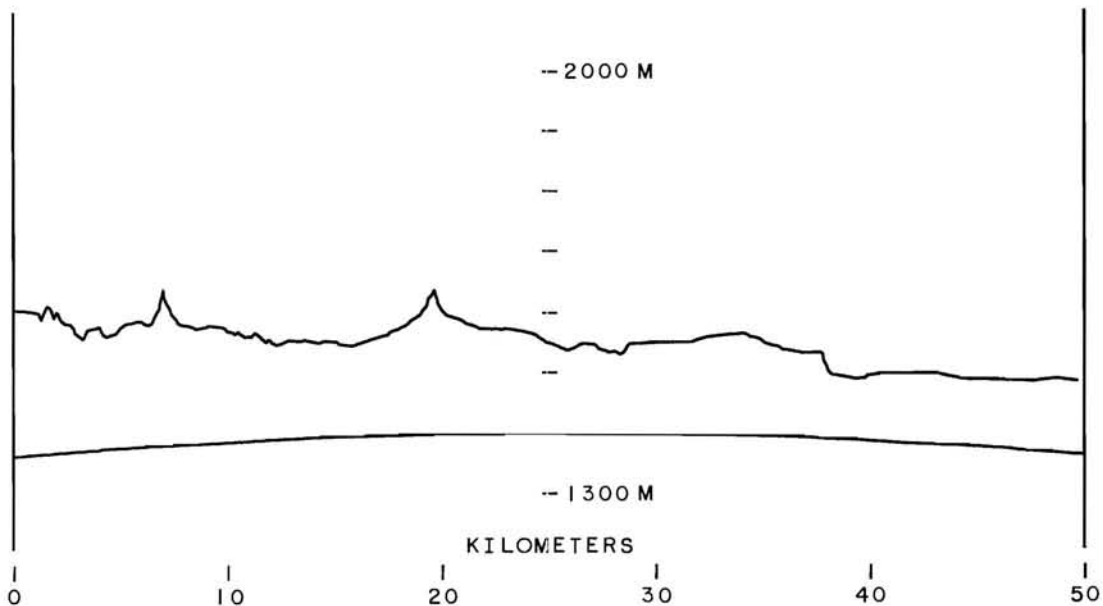
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-137.7	7.6	-0.4	0.9	0.9	169.2	62.7
(PLNS, 50,100,V,V, P,6)	20.0	-135.0	7.6	-1.3	0.9	0.9	165.6	59.1
(PLNS, 50,100,V,V, P,9)	20.0	-131.9	7.6	-1.9	0.9	0.9	161.9	55.4
(PLNS, 50,100,V,V,AV,3)	20.0	-132.4	7.6	-0.4	0.9	0.9	163.9	57.4
(PLNS, 50,100,V,V,AV,6)	20.0	-129.4	7.6	-1.3	0.9	0.9	160.0	53.5
(PLNS, 50,100,V,V,AV,9)	20.0	-128.7	7.6	-1.9	0.9	0.9	158.7	52.7
(PLNS, 50,100,V,V,AH,3)	20.0	-137.7	7.6	-0.4	0.9	0.9	169.2	62.7
(PLNS, 50,100,V,V,AH,6)	20.0	-135.0	7.6	-1.3	0.9	0.9	165.6	59.1
(PLNS, 50,100,V,V,AH,9)	20.0	-131.9	7.6	-1.9	0.9	0.9	161.9	55.4
(PLNS, 50,100,H,V, P,3)	20.0	-146.4	9.6	-15.0	0.9	0.9	165.3	58.7
(PLNS, 50,100,H,V, P,6)	20.0	-144.1	9.6	-12.6	0.9	0.9	165.4	58.9
(PLNS, 50,100,H,V, P,9)	20.0	-141.2	9.6	-15.0	0.9	0.9	160.1	53.5
(PLNS, 50,100,H,V,AV,3)	20.0	-144.3	9.6	-15.0	0.9	0.9	163.2	56.7
(PLNS, 50,100,H,V,AV,6)	20.0	-142.2	9.6	-12.6	0.9	0.9	163.5	57.0
(PLNS, 50,100,H,V,AV,9)	20.0	-142.2	9.6	-15.0	0.9	0.9	161.1	54.6
(PLNS, 50,100,H,V,AH,3)	20.0	-146.4	9.6	-15.0	0.9	0.9	165.3	58.7
(PLNS, 50,100,H,V,AH,6)	20.0	-144.1	9.6	-12.6	0.9	0.9	165.4	58.9
(PLNS, 50,100,H,V,AH,9)	20.0	-141.2	9.6	-15.0	0.9	0.9	160.1	53.5
(PLNS, 50,100,V,H, P,3)	20.0	-145.6	7.6	-21.3	0.9	0.9	156.2	49.7
(PLNS, 50,100,V,H, P,6)	20.0	-142.7	7.6	-19.0	0.9	0.9	155.6	49.1
(PLNS, 50,100,V,H, P,9)	20.0	-145.6	7.6	-16.3	0.9	0.9	161.2	54.7
(PLNS, 50,100,V,H,AV,3)	20.0	**	7.6	-21.3	0.9	0.9	**	**
(PLNS, 50,100,V,H,AV,6)	20.0	-143.6	7.6	-19.0	0.9	0.9	156.5	49.9
(PLNS, 50,100,V,H,AV,9)	20.0	-140.3	7.6	-16.3	0.9	0.9	155.9	49.4
(PLNS, 50,100,V,H,AH,3)	20.0	-145.6	7.6	-21.3	0.9	0.9	156.2	49.7
(PLNS, 50,100,V,H,AH,6)	20.0	-142.7	7.6	-19.0	0.9	0.9	155.6	49.1
(PLNS, 50,100,V,H,AH,9)	20.0	-145.6	7.6	-16.3	0.9	0.9	161.2	54.7
(PLNS, 50,100,H,H, P,3)	20.0	-138.9	9.6	-1.6	0.9	0.9	171.2	64.7
(PLNS, 50,100,H,H, P,6)	20.0	-134.1	9.6	1.6	0.9	0.9	169.6	63.0
(PLNS, 50,100,H,H, P,9)	20.0	-130.4	9.6	1.1	0.9	0.9	165.4	58.8
(PLNS, 50,100,H,H,AV,3)	20.0	-138.9	9.6	-1.6	0.9	0.9	171.2	64.7
(PLNS, 50,100,H,H,AV,6)	20.0	-131.0	9.6	1.6	0.9	0.9	166.5	59.9
(PLNS, 50,100,H,H,AV,9)	20.0	-129.4	9.6	1.1	0.9	0.9	164.4	57.9
(PLNS, 50,100,H,H,AH,3)	20.0	-138.9	9.6	-1.6	0.9	0.9	171.2	64.7
(PLNS, 50,100,H,H,AH,6)	20.0	-134.1	9.6	1.6	0.9	0.9	169.6	63.0
(PLNS, 50,100,H,H,AH,9)	20.0	-130.4	9.6	1.1	0.9	0.9	165.4	58.8
(KLIR, 86,100,H,H, P,3)	42.2	-120.9		-0.7		0.9	167.6	56.4
(KLIR, 86,100,H,H, P,6)	42.2	-117.7		1.6		0.9	166.7	55.6
(KLIR, 86,100,H,H, P,9)	42.2	-114.4		1.1		0.9	162.9	51.7
(KLIR, 86,100,H,H,AV,3)	42.2	-131.4		-0.7		0.9	178.1	67.0
(KLIR, 86,100,H,H,AV,6)	42.2	-116.4		1.6		0.9	165.4	54.2
(KLIR, 86,100,H,H,AV,9)	42.2	-112.9		1.1		0.9	161.4	50.2
(KLIR, 86,100,H,H,AH,3)	42.2	-120.9		-0.7		0.9	167.6	56.4
(KLIR, 86,100,H,H,AH,6)	42.2	-117.7		1.6		0.9	166.7	55.6
(KLIR, 86,100,H,H,AH,9)	42.2	-114.4		1.1		0.9	162.9	51.7

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 50KM SITE 7

DATE 11-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-131.5	-1.1	-5.5	0.1	-0.0	148.8	56.4
(PLNS, 50, 20,V,V,AV,3)	24.0	-128.2	-1.1	-5.5	0.1	-0.0	145.5	53.1
(PLNS, 50, 20,V,V,AH,3)	24.0	-131.5	-1.1	-5.5	0.1	-0.0	148.8	56.4
(PLNS, 50, 50,V,V, P,1)	24.0	-150.5	0.2	-1.3	1.2	0.2	172.0	71.6
(PLNS, 50, 50,V,V, P,3)	24.0	-148.0	0.2	2.1	1.2	0.2	172.9	72.4
(PLNS, 50, 50,V,V,AV,1)	24.0	-143.5	0.2	-1.3	1.2	0.2	165.0	64.6
(PLNS, 50, 50,V,V,AV,3)	24.0	-139.8	0.2	2.1	1.2	0.2	164.7	64.2
(PLNS, 50, 50,V,V,AH,1)	24.0	-143.5	0.2	-1.3	1.2	0.2	165.0	64.6
(PLNS, 50, 50,V,V,AH,3)	24.0	-140.8	0.2	2.1	1.2	0.2	165.7	65.2



COLORADO PLAINS R= 50KM SITE 7

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
05-07-64	24.86	L1	2%	41.5	52.5

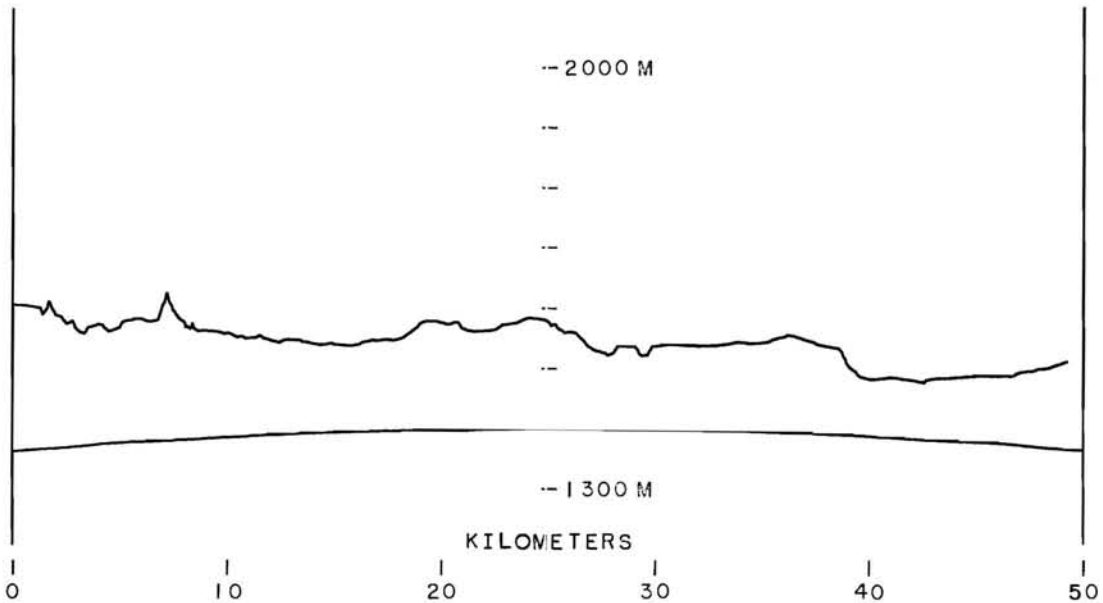
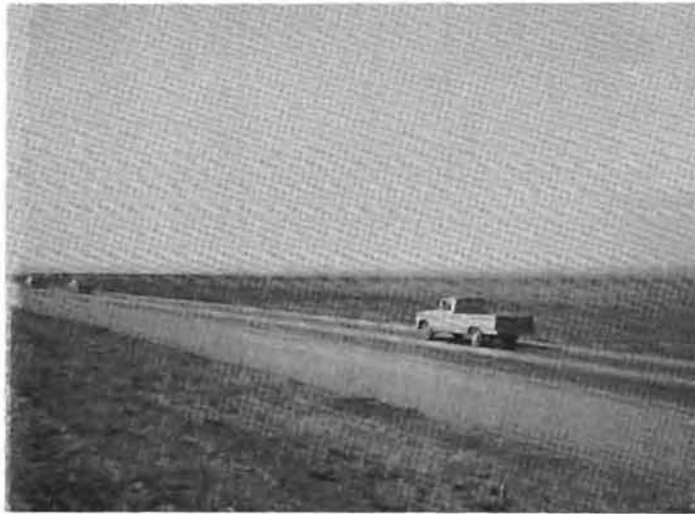
OBSTRUCTIONS INCLUDE LARGE BARN AND SOFT SPREADING TREE ON LOW HILLTOP TO SW. 4 POWER LINES ON SOUTH SIDE OF ROAD AND PARALLEL TO ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-143.9	7.6	-0.3	0.9	0.9	175.5	69.0
(PLNS, 50,100,V,V, P,6)	20.0	-137.3	7.6	-1.3	0.9	0.9	167.9	61.3
(PLNS, 50,100,V,V, P,9)	20.0	-133.2	7.6	-1.4	0.9	0.9	163.7	57.2
(PLNS, 50,100,V,V,AV,3)	20.0	-136.6	7.6	-0.3	0.9	0.9	168.2	61.6
(PLNS, 50,100,V,V,AV,6)	20.0	-134.0	7.6	-1.3	0.9	0.9	164.6	58.1
(PLNS, 50,100,V,V,AV,9)	20.0	-129.2	7.6	-1.4	0.9	0.9	159.7	53.2
(PLNS, 50,100,V,V,AH,3)	20.0	-140.0	7.6	-0.3	0.9	0.9	171.6	65.0
(PLNS, 50,100,V,V,AH,6)	20.0	-133.8	7.6	-1.3	0.9	0.9	164.4	57.8
(PLNS, 50,100,V,V,AH,9)	20.0	-132.1	7.6	-1.4	0.9	0.9	162.6	56.1
(PLNS, 50,100,H,V, P,3)	20.0	-144.5	9.6	-11.8	0.9	0.9	166.6	60.1
(PLNS, 50,100,H,V, P,6)	20.0	-141.9	9.6	-9.5	0.9	0.9	166.3	59.8
(PLNS, 50,100,H,V, P,9)	20.0	-144.5	9.6	-13.0	0.9	0.9	165.4	58.9
(PLNS, 50,100,H,V,AV,3)	20.0	-137.2	9.6	-11.8	0.9	0.9	159.3	52.7
(PLNS, 50,100,H,V,AV,6)	20.0	-139.9	9.6	-9.5	0.9	0.9	164.3	57.7
(PLNS, 50,100,H,V,AV,9)	20.0	-135.4	9.6	-13.0	0.9	0.9	156.3	49.8
(PLNS, 50,100,H,V,AH,3)	20.0	-142.7	9.6	-11.8	0.9	0.9	164.8	58.3
(PLNS, 50,100,H,V,AH,6)	20.0	-139.4	9.6	-9.5	0.9	0.9	163.8	57.3
(PLNS, 50,100,H,V,AH,9)	20.0	-139.4	9.6	-13.0	0.9	0.9	160.3	53.8
(PLNS, 50,100,V,H, P,3)	20.0	-143.9	7.6	-16.4	0.9	0.9	159.4	52.9
(PLNS, 50,100,V,H, P,6)	20.0	-140.7	7.6	-18.0	0.9	0.9	154.6	48.1
(PLNS, 50,100,V,H, P,9)	20.0	-143.9	7.6	-17.2	0.9	0.9	158.6	52.1
(PLNS, 50,100,V,H,AV,3)	20.0	-139.6	7.6	-16.4	0.9	0.9	155.1	48.6
(PLNS, 50,100,V,H,AV,6)	20.0	-138.4	7.6	-18.0	0.9	0.9	152.3	45.8
(PLNS, 50,100,V,H,AV,9)	20.0	-139.6	7.6	-17.2	0.9	0.9	154.3	47.8
(PLNS, 50,100,V,H,AH,3)	20.0	-142.5	7.6	-16.4	0.9	0.9	158.0	51.5
(PLNS, 50,100,V,H,AH,6)	20.0	-142.5	7.6	-18.0	0.9	0.9	156.4	49.9
(PLNS, 50,100,V,H,AH,9)	20.0	-139.5	7.6	-17.2	0.9	0.9	154.2	47.7
(PLNS, 50,100,H,H, P,3)	20.0	-141.0	9.6	1.2	0.9	0.9	176.1	69.6
(PLNS, 50,100,H,H, P,6)	20.0	-136.6	9.6	1.7	0.9	0.9	172.2	65.6
(PLNS, 50,100,H,H, P,9)	20.0	-134.3	9.6	1.2	0.9	0.9	169.4	62.8
(PLNS, 50,100,H,H,AV,3)	20.0	-135.8	9.6	1.2	0.9	0.9	170.9	64.4
(PLNS, 50,100,H,H,AV,6)	20.0	-131.9	9.6	1.7	0.9	0.9	167.5	61.0
(PLNS, 50,100,H,H,AV,9)	20.0	-131.9	9.6	1.2	0.9	0.9	167.0	60.5
(PLNS, 50,100,H,H,AH,3)	20.0	-134.1	9.6	1.2	0.9	0.9	169.2	62.6
(PLNS, 50,100,H,H,AH,6)	20.0	-133.2	9.6	1.7	0.9	0.9	168.8	62.3
(PLNS, 50,100,H,H,AH,9)	20.0	-135.4	9.6	1.2	0.9	0.9	170.5	64.0
(KLIR, 86,100,H,H, P,3)	42.2	-121.7		1.1		0.9	170.2	59.1
(KLIR, 86,100,H,H, P,6)	42.2	-117.6		1.6		0.9	166.6	55.5
(KLIR, 86,100,H,H, P,9)	42.2	-115.1		1.2		0.9	163.7	52.6
(KLIR, 86,100,H,H,AV,3)	42.2	-120.9		1.1		0.9	169.4	58.3
(KLIR, 86,100,H,H,AV,6)	42.2	-115.3		1.6		0.9	164.3	53.2
(KLIR, 86,100,H,H,AV,9)	42.2	-111.0		1.2		0.9	159.6	48.5
(KLIR, 86,100,H,H,AH,3)	42.2	-123.7		1.1		0.9	172.2	61.2
(KLIR, 86,100,H,H,AH,6)	42.2	-120.1		1.6		0.9	169.1	58.0
(KLIR, 86,100,H,H,AH,9)	42.2	-120.1		1.2		0.9	168.7	57.6

COLORADO PLAINS B= 50KM SITE 8

DATE 01-05-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	23.1	-121.2	-0.7	-2.4	0.1	-0.0	141.1	48.6
(PLNS, 50, 20,V,V,AV,3)	23.1	-119.5	-0.7	-2.4	0.1	-0.0	139.4	47.0
(PLNS, 50, 20,V,V,AH,3)	23.1	-121.2	-0.7	-2.4	0.1	-0.0	141.1	48.6
(PLNS, 50, 50,V,V, P,1)	17.2	-140.1	0.3	0.7	1.2	0.2	156.9	56.4
(PLNS, 50, 50,V,V, P,3)	17.2	-141.4	0.3	-3.7	1.2	0.2	153.8	53.4
(PLNS, 50, 50,V,V,AV,1)	16.9	-134.7	0.3	0.7	1.2	0.2	151.2	53.8
(PLNS, 50, 50,V,V,AV,3)	16.9	-137.9	0.3	-3.7	1.2	0.2	150.0	49.6
(PLNS, 50, 50,V,V,AH,1)	17.2	-140.1	0.3	0.7	1.2	0.2	156.9	56.4
(PLNS, 50, 50,V,V,AH,3)	17.2	-141.4	0.3	-3.7	1.2	0.2	153.8	53.4



COLORADO PLAINS R= 50KM SITE 8

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-24-64	24.73	H1	10%	51.2	59.3

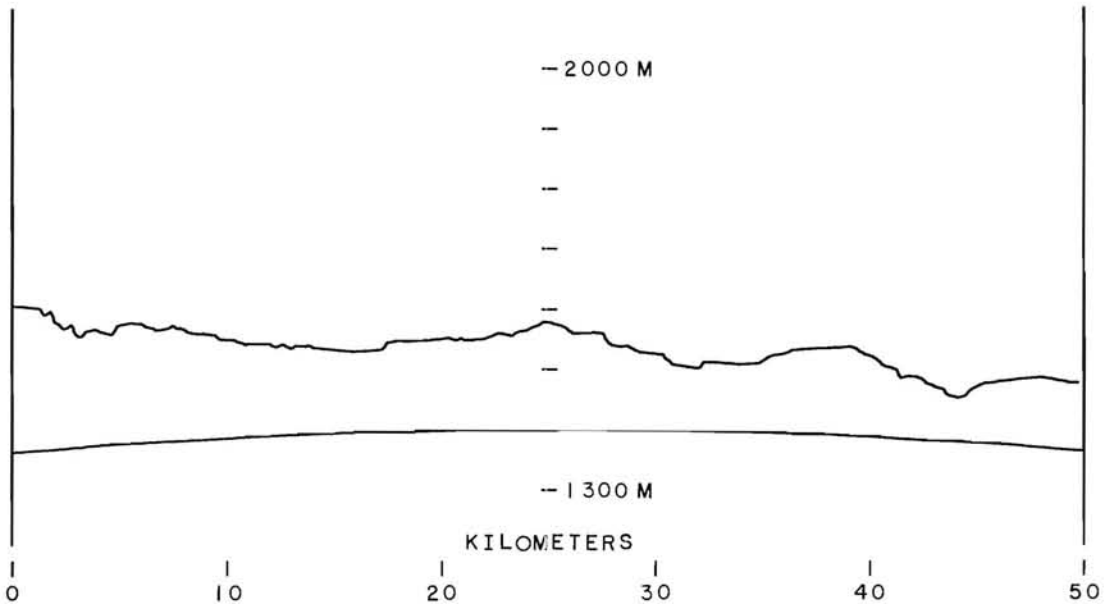
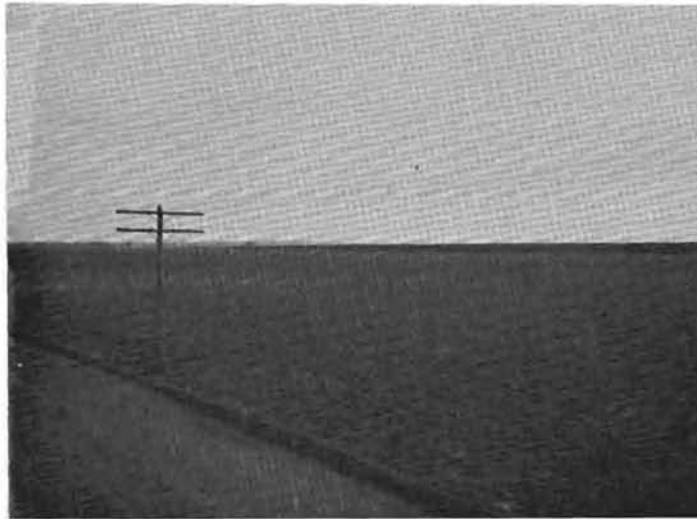
SITE IS NEAR CREST OF HILL. HORIZON ABOUT 7MI. FENCE LINE 25FT EAST AND 100FT TO WEST. NO OBSTRUCTIONS.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-120.3	7.6	0.2	0.9	0.9	152.4	45.9
(PLNS, 50,100,V,V, P,6)	20.0	-115.1	7.6	-1.2	0.9	0.9	145.8	39.2
(PLNS, 50,100,V,V, P,9)	20.0	-114.1	7.6	-1.8	0.9	0.9	144.2	37.6
(PLNS, 50,100,V,V,AV,3)	20.0	-123.9	7.6	0.2	0.9	0.9	156.0	49.5
(PLNS, 50,100,V,V,AV,6)	20.0	-117.8	7.6	-1.2	0.9	0.9	148.5	42.0
(PLNS, 50,100,V,V,AV,9)	20.0	-117.0	7.6	-1.8	0.9	0.9	147.1	40.6
(PLNS, 50,100,V,V,AH,3)	20.0	-120.3	7.6	0.2	0.9	0.9	152.4	45.9
(PLNS, 50,100,V,V,AH,6)	20.0	-115.1	7.6	-1.2	0.9	0.9	145.8	39.2
(PLNS, 50,100,V,V,AH,9)	20.0	-114.1	7.6	-1.8	0.9	0.9	144.2	37.6
(PLNS, 50,100,H,V, P,3)	20.0	-137.0	9.6	-14.8	0.9	0.9	156.1	49.6
(PLNS, 50,100,H,V, P,6)	20.0	-137.0	9.6	-12.5	0.9	0.9	158.4	51.9
(PLNS, 50,100,H,V, P,9)	20.0	-137.0	9.6	-14.8	0.9	0.9	156.1	49.6
(PLNS, 50,100,H,V,AV,3)	20.0	-140.9	9.6	-14.8	0.9	0.9	160.0	53.4
(PLNS, 50,100,H,V,AV,6)	20.0	-140.9	9.6	-12.5	0.9	0.9	162.3	55.7
(PLNS, 50,100,H,V,AV,9)	20.0	-140.9	9.6	-14.8	0.9	0.9	160.0	53.4
(PLNS, 50,100,H,V,AH,3)	20.0	-137.0	9.6	-14.8	0.9	0.9	156.1	49.6
(PLNS, 50,100,H,V,AH,6)	20.0	-137.0	9.6	-12.5	0.9	0.9	158.4	51.9
(PLNS, 50,100,H,V,AH,9)	20.0	-137.0	9.6	-14.8	0.9	0.9	156.1	49.6
(PLNS, 50,100,V,H, P,3)	20.0	-135.4	7.6	-21.0	0.9	0.9	146.3	39.8
(PLNS, 50,100,V,H, P,6)	20.0	-131.7	7.6	-20.0	0.9	0.9	143.6	37.0
(PLNS, 50,100,V,H, P,9)	20.0	-131.7	7.6	-16.6	0.9	0.9	147.0	40.4
(PLNS, 50,100,V,H,AV,3)	20.0	-135.4	7.6	-21.0	0.9	0.9	146.3	39.8
(PLNS, 50,100,V,H,AV,6)	20.0	-132.1	7.6	-20.0	0.9	0.9	144.0	37.5
(PLNS, 50,100,V,H,AV,9)	20.0	-130.8	7.6	-16.6	0.9	0.9	146.1	39.5
(PLNS, 50,100,V,H,AH,3)	20.0	-135.4	7.6	-21.0	0.9	0.9	146.3	39.8
(PLNS, 50,100,V,H,AH,6)	20.0	-131.7	7.6	-20.0	0.9	0.9	143.6	37.0
(PLNS, 50,100,V,H,AH,9)	20.0	-131.7	7.6	-16.6	0.9	0.9	147.0	40.4
(PLNS, 50,100,H,H, P,3)	20.0	-130.6	9.6	-1.8	0.9	0.9	162.7	56.1
(PLNS, 50,100,H,H, P,6)	20.0	-121.7	9.6	1.6	0.9	0.9	157.2	50.7
(PLNS, 50,100,H,H, P,9)	20.0	-118.7	9.6	1.1	0.9	0.9	153.7	47.2
(PLNS, 50,100,H,H,AV,3)	20.0	-126.9	9.6	-1.8	0.9	0.9	159.0	52.5
(PLNS, 50,100,H,H,AV,6)	20.0	-120.1	9.6	1.6	0.9	0.9	155.6	49.1
(PLNS, 50,100,H,H,AV,9)	20.0	-119.9	9.6	1.1	0.9	0.9	154.9	48.3
(PLNS, 50,100,H,H,AH,3)	20.0	-130.6	9.6	-1.8	0.9	0.9	162.7	56.1
(PLNS, 50,100,H,H,AH,6)	20.0	-121.7	9.6	1.6	0.9	0.9	157.2	50.7
(PLNS, 50,100,H,H,AH,9)	20.0	-118.7	9.6	1.1	0.9	0.9	153.7	47.2
(KLIR, 84,100,H,H, P,3)	42.2	-115.3		-0.8		0.9	161.9	50.9
(KLIR, 84,100,H,H, P,6)	42.2	-109.8		1.6		0.9	158.8	47.8
(KLIR, 84,100,H,H, P,9)	42.2	-108.4		1.1		0.9	156.9	45.9
(KLIR, 84,100,H,H,AV,3)	42.2	-114.7		-0.8		0.9	161.3	50.4
(KLIR, 84,100,H,H,AV,6)	42.2	-105.9		1.6		0.9	154.9	43.9
(KLIR, 84,100,H,H,AV,9)	42.2	-103.0		1.1		0.9	151.5	40.6
(KLIR, 84,100,H,H,AH,3)	42.2	-115.3		-0.8		0.9	161.9	50.9
(KLIR, 84,100,H,H,AH,6)	42.2	-109.8		1.6		0.9	158.8	47.8
(KLIR, 84,100,H,H,AH,9)	42.2	-108.4		1.1		0.9	156.9	45.9

COLORADO PLAINS B= 50KM SITE 9

DATE 11-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-128.0	-0.7	-2.5	0.1	-0.0	148.7	56.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-127.3	-0.7	-2.5	0.1	-0.0	148.0	55.5
(PLNS, 50, 20,V,V,AH,3)	24.0	-128.0	-0.7	-2.5	0.1	-0.0	148.7	56.3
(PLNS, 50, 50,V,V, P,1)	24.0	-141.9	0.3	-0.5	1.2	0.2	164.3	63.8
(PLNS, 50, 50,V,V, P,3)	24.0	-138.5	0.3	-3.7	1.2	0.2	157.7	57.3
(PLNS, 50, 50,V,V,AV,1)	24.0	-136.0	0.3	-0.5	1.2	0.2	158.4	57.9
(PLNS, 50, 50,V,V,AV,3)	24.0	-136.8	0.3	-3.7	1.2	0.2	156.0	55.5
(PLNS, 50, 50,V,V,AH,1)	24.0	-141.9	0.3	-0.5	1.2	0.2	164.3	63.8
(PLNS, 50, 50,V,V,AH,3)	24.0	-138.5	0.3	-3.7	1.2	0.2	157.7	57.3



COLORADO PLAINS B= 50KM SITE 9

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-23-64	24.70	H1	85%	50.9	75.0

15-WIRE PHONE LINE WEST OF ROAD 40FT, 25FT HIGH. HORIZON 5MI. HIGH VOLTAGE POWER LINE IN PATH 1MI.

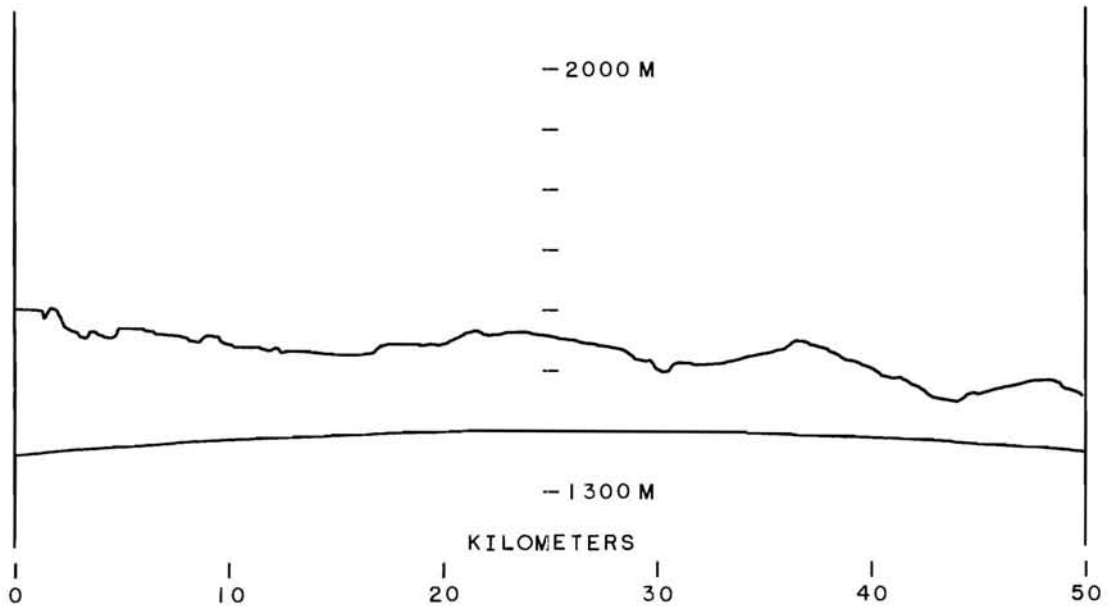
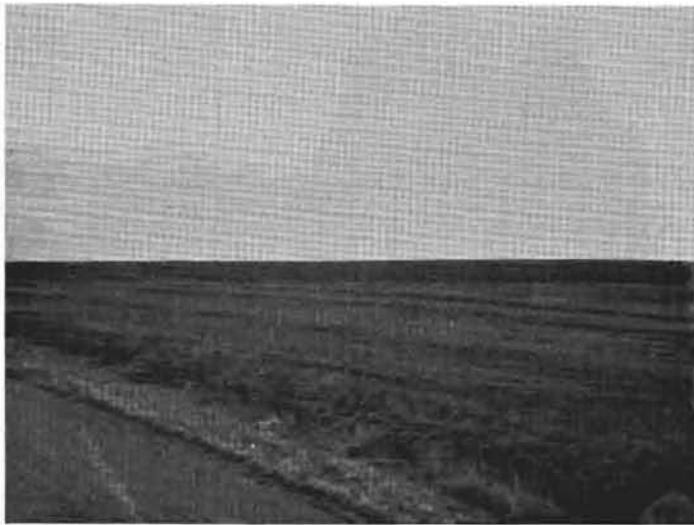
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-130.8	7.6	0.5	0.9	0.9	162.2	56.6
(PLNS, 50,100,V,V, P,6)	20.0	-126.4	7.6	1.1	0.9	0.9	159.4	52.8
(PLNS, 50,100,V,V, P,9)	20.0	-123.9	7.6	-1.7	0.9	0.9	154.1	47.6
(PLNS, 50,100,V,V,AV,3)	20.0	-125.2	7.6	0.5	0.9	0.9	157.6	51.0
(PLNS, 50,100,V,V,AV,6)	20.0	-123.7	7.6	1.1	0.9	0.9	156.7	50.2
(PLNS, 50,100,V,V,AV,9)	20.0	-118.6	7.6	-1.7	0.9	0.9	148.8	42.3
(PLNS, 50,100,V,V,AH,3)	20.0	-125.2	7.6	0.5	0.9	0.9	157.6	51.0
(PLNS, 50,100,V,V,AH,6)	20.0	-123.7	7.6	1.1	0.9	0.9	156.7	50.2
(PLNS, 50,100,V,V,AH,9)	20.0	-118.6	7.6	-1.7	0.9	0.9	148.8	42.3
(PLNS, 50,100,H,V, P,3)	20.0	**	9.6	-14.7	0.9	0.9	**	**
(PLNS, 50,100,H,V, P,6)	20.0	**	9.6	-12.4	0.9	0.9	**	**
(PLNS, 50,100,H,V, P,9)	20.0	-146.6	9.6	-14.7	0.9	0.9	165.8	59.3
(PLNS, 50,100,H,V,AV,3)	20.0	-147.5	9.6	-14.7	0.9	0.9	166.7	60.1
(PLNS, 50,100,H,V,AV,6)	20.0	-144.5	9.6	-12.4	0.9	0.9	166.0	59.5
(PLNS, 50,100,H,V,AV,9)	20.0	-147.5	9.6	-14.7	0.9	0.9	166.7	60.1
(PLNS, 50,100,H,V,AH,3)	20.0	-147.5	9.6	-14.7	0.9	0.9	166.7	60.1
(PLNS, 50,100,H,V,AH,6)	20.0	-144.5	9.6	-12.4	0.9	0.9	166.0	59.5
(PLNS, 50,100,H,V,AH,9)	20.0	-147.5	9.6	-14.7	0.9	0.9	166.7	60.1
(PLNS, 50,100,V,H, P,3)	20.0	-143.4	7.6	-20.8	0.9	0.9	154.5	47.9
(PLNS, 50,100,V,H, P,6)	20.0	-141.7	7.6	-20.4	0.9	0.9	153.2	46.7
(PLNS, 50,100,V,H, P,9)	20.0	-138.9	7.6	-16.1	0.9	0.9	154.7	48.2
(PLNS, 50,100,V,H,AV,3)	20.0	-141.4	7.6	-20.8	0.9	0.9	152.5	46.0
(PLNS, 50,100,V,H,AV,6)	20.0	-139.2	7.6	-20.4	0.9	0.9	150.7	44.1
(PLNS, 50,100,V,H,AV,9)	20.0	-135.8	7.6	-16.1	0.9	0.9	151.6	45.1
(PLNS, 50,100,V,H,AH,3)	20.0	-141.4	7.6	-20.8	0.9	0.9	152.5	46.0
(PLNS, 50,100,V,H,AH,6)	20.0	-139.2	7.6	-20.4	0.9	0.9	150.7	44.1
(PLNS, 50,100,V,H,AH,9)	20.0	-135.8	7.6	-16.1	0.9	0.9	151.6	45.1
(PLNS, 50,100,H,H, P,3)	20.0	-139.9	9.6	-1.9	0.9	0.9	171.9	65.3
(PLNS, 50,100,H,H, P,6)	20.0	-125.6	9.6	1.6	0.9	0.9	161.1	54.6
(PLNS, 50,100,H,H, P,9)	20.0	-121.7	9.6	1.1	0.9	0.9	156.7	50.2
(PLNS, 50,100,H,H,AV,3)	20.0	-132.9	9.6	-1.9	0.9	0.9	164.9	58.4
(PLNS, 50,100,H,H,AV,6)	20.0	-123.0	9.6	1.6	0.9	0.9	158.5	52.0
(PLNS, 50,100,H,H,AV,9)	20.0	-120.7	9.6	1.1	0.9	0.9	155.7	49.2
(PLNS, 50,100,H,H,AH,3)	20.0	-132.9	9.6	-1.9	0.9	0.9	164.9	58.4
(PLNS, 50,100,H,H,AH,6)	20.0	-123.0	9.6	1.6	0.9	0.9	158.5	52.0
(PLNS, 50,100,H,H,AH,9)	20.0	-120.7	9.6	1.1	0.9	0.9	155.7	49.2
(KLIR, 83,100,H,H, P,3)	42.2	-119.7		-1.0		0.9	166.1	55.3
(KLIR, 83,100,H,H, P,6)	42.2	-111.6		1.6		0.9	160.6	49.7
(KLIR, 83,100,H,H, P,9)	42.2	-109.0		1.1		0.9	157.5	46.7
(KLIR, 83,100,H,H,AV,3)	42.2	**		-1.0		0.9	**	**
(KLIR, 83,100,H,H,AV,6)	42.2	**		1.6		0.9	**	**
(KLIR, 83,100,H,H,AV,9)	42.2	**		1.1		0.9	**	**
(KLIR, 83,100,H,H,AH,3)	42.2	**		-1.0		0.9	**	**
(KLIR, 83,100,H,H,AH,6)	42.2	**		1.6		0.9	**	**
(KLIR, 83,100,H,H,AH,9)	42.2	**		1.1		0.9	**	**

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 50KM SITE 10

DATE 11-13-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-130.0	-0.8	-2.7	0.1	-0.0	150.4	57.9
(PLNS, 50, 20,V,V,AV,3)	24.0	-131.0	-0.8	-2.7	0.1	-0.0	151.4	58.9
(PLNS, 50, 20,V,V,AH,3)	24.0	-130.0	-0.8	-2.7	0.1	-0.0	150.4	57.9
(PLNS, 50, 50,V,V, P,1)	24.0	-143.0	0.2	-2.0	1.2	0.2	163.8	63.4
(PLNS, 50, 50,V,V, P,3)	24.0	-141.2	0.2	-3.7	1.2	0.2	160.3	59.9
(PLNS, 50, 50,V,V,AV,1)	24.0	-143.0	0.2	-2.0	1.2	0.2	163.8	63.4
(PLNS, 50, 50,V,V,AV,3)	24.0	-143.0	0.2	-3.7	1.2	0.2	162.1	61.7
(PLNS, 50, 50,V,V,AH,1)	24.0	-143.0	0.2	-2.0	1.2	0.2	163.8	63.4
(PLNS, 50, 50,V,V,AH,3)	24.0	-141.2	0.2	-3.7	1.2	0.2	160.3	59.9



COLORADO PLAINS R= 50KM SITF 10

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
04-23-64	24.78	H1	80%	49.9	75.3

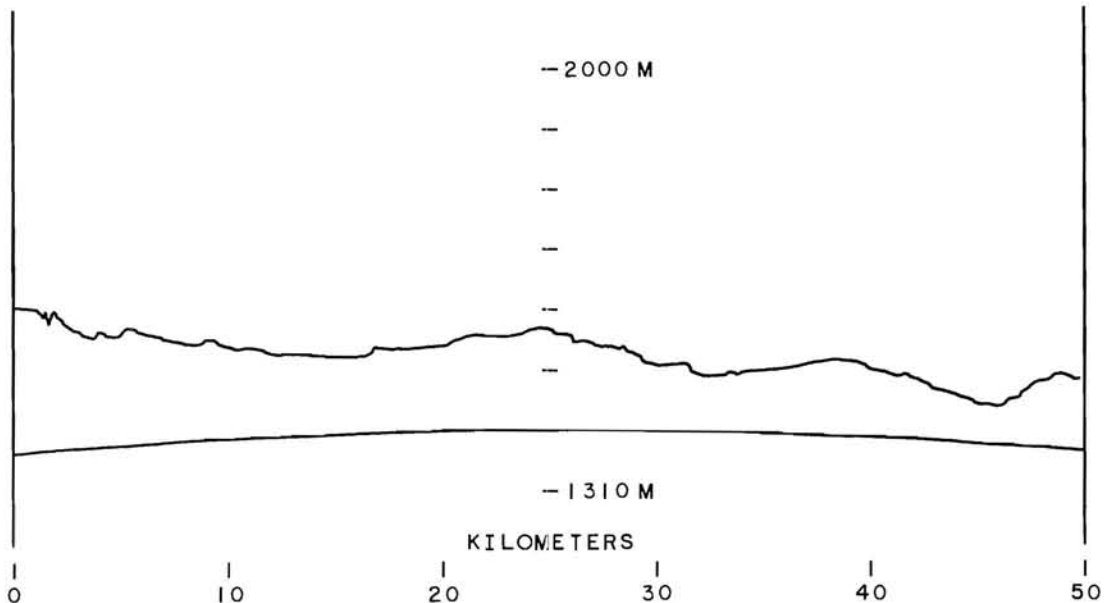
4-WIRE POWER LINE 15FT EAST, 20FT HIGH. 2-WIRE PHONE LINE 50FT WEST,
20FT HIGH. HORIZON 3MI. HIGH VOLTAGE LINE 1/2MI ACROSS PATH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-139.4	7.6	0.8	0.9	0.9	172.1	65.6
(PLNS, 50,100,V,V, P,6)	20.0	-136.2	7.6	-1.0	0.9	0.9	167.1	60.5
(PLNS, 50,100,V,V, P,9)	20.0	-133.2	7.6	-1.6	0.9	0.9	163.5	57.0
(PLNS, 50,100,V,V,AV,3)	20.0	-134.7	7.6	0.8	0.9	0.9	167.4	60.9
(PLNS, 50,100,V,V,AV,6)	20.0	-131.0	7.6	-1.0	0.9	0.9	161.9	55.3
(PLNS, 50,100,V,V,AV,9)	20.0	-129.4	7.6	-1.6	0.9	0.9	159.7	53.2
(PLNS, 50,100,V,V,AH,3)	20.0	-139.4	7.6	0.8	0.9	0.9	172.1	65.6
(PLNS, 50,100,V,V,AH,6)	20.0	-136.2	7.6	-1.0	0.9	0.9	167.1	60.5
(PLNS, 50,100,V,V,AH,9)	20.0	-133.2	7.6	-1.6	0.9	0.9	163.5	57.0
(PLNS, 50,100,H,V, P,3)	20.0	-138.1	9.6	-14.8	0.9	0.9	157.2	50.7
(PLNS, 50,100,H,V, P,6)	20.0	-133.2	9.6	-13.9	0.9	0.9	153.2	46.7
(PLNS, 50,100,H,V, P,9)	20.0	-133.2	9.6	-14.8	0.9	0.9	152.3	45.8
(PLNS, 50,100,H,V,AV,3)	20.0	-145.0	9.6	-14.8	0.9	0.9	164.1	57.5
(PLNS, 50,100,H,V,AV,6)	20.0	-145.0	9.6	-13.9	0.9	0.9	165.0	58.4
(PLNS, 50,100,H,V,AV,9)	20.0	-141.7	9.6	-14.8	0.9	0.9	160.8	54.3
(PLNS, 50,100,H,V,AH,3)	20.0	-138.1	9.6	-14.8	0.9	0.9	157.2	50.7
(PLNS, 50,100,H,V,AH,6)	20.0	-133.2	9.6	-13.9	0.9	0.9	153.2	46.7
(PLNS, 50,100,H,V,AH,9)	20.0	-133.2	9.6	-14.8	0.9	0.9	152.3	45.8
(PLNS, 50,100,V,H, P,3)	20.0	-137.0	7.6	-20.5	0.9	0.9	148.4	41.9
(PLNS, 50,100,V,H, P,6)	20.0	-135.4	7.6	-20.6	0.9	0.9	146.7	40.2
(PLNS, 50,100,V,H, P,9)	20.0	-131.0	7.6	-17.0	0.9	0.9	145.9	39.3
(PLNS, 50,100,V,H,AV,3)	20.0	-145.9	7.6	-20.5	0.9	0.9	157.3	50.7
(PLNS, 50,100,V,H,AV,6)	20.0	-141.2	7.6	-20.6	0.9	0.9	152.5	45.9
(PLNS, 50,100,V,H,AV,9)	20.0	-136.2	7.6	-17.0	0.9	0.9	151.1	44.5
(PLNS, 50,100,V,H,AH,3)	20.0	-137.0	7.6	-20.5	0.9	0.9	148.4	41.9
(PLNS, 50,100,V,H,AH,6)	20.0	-135.4	7.6	-20.6	0.9	0.9	146.7	40.2
(PLNS, 50,100,V,H,AH,9)	20.0	-131.0	7.6	-17.0	0.9	0.9	145.9	39.3
(PLNS, 50,100,H,H, P,3)	20.0	-135.8	9.6	-1.9	0.9	0.9	167.8	61.3
(PLNS, 50,100,H,H, P,6)	20.0	-131.7	9.6	1.6	0.9	0.9	167.2	60.6
(PLNS, 50,100,H,H, P,9)	20.0	-128.2	9.6	1.1	0.9	0.9	163.2	56.7
(PLNS, 50,100,H,H,AV,3)	20.0	-143.7	9.6	-1.9	0.9	0.9	175.7	69.2
(PLNS, 50,100,H,H,AV,6)	20.0	-134.3	9.6	1.6	0.9	0.9	169.8	63.2
(PLNS, 50,100,H,H,AV,9)	20.0	-129.8	9.6	1.1	0.9	0.9	164.8	58.2
(PLNS, 50,100,H,H,AH,3)	20.0	-135.8	9.6	-1.9	0.9	0.9	167.8	61.3
(PLNS, 50,100,H,H,AH,6)	20.0	-131.7	9.6	1.6	0.9	0.9	167.2	60.6
(PLNS, 50,100,H,H,AH,9)	20.0	-128.2	9.6	1.1	0.9	0.9	163.2	56.7
(KLIR, 82,100,H,H, P,3)	42.2	-126.6		-1.0		0.9	173.0	62.3
(KLIR, 82,100,H,H, P,6)	42.2	-131.9		1.6		0.9	180.9	70.2
(KLIR, 82,100,H,H, P,9)	42.2	-129.4		1.1		0.9	177.9	67.2
(KLIR, 82,100,H,H,AV,3)	42.2	-130.6		-1.0		0.9	177.0	66.2
(KLIR, 82,100,H,H,AV,6)	42.2	-122.8		1.6		0.9	171.8	61.1
(KLIR, 82,100,H,H,AV,9)	42.2	-119.2		1.1		0.9	167.7	56.9
(KLIR, 82,100,H,H,AH,3)	42.2	-126.6		-1.0		0.9	173.0	62.3
(KLIR, 82,100,H,H,AH,6)	42.2	-131.9		1.6		0.9	180.9	70.2
(KLIR, 82,100,H,H,AH,9)	42.2	-129.4		1.1		0.9	177.9	67.2

COLORADO PLAINS B= 50KM SITE 11

DATE 11-20-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-115.9	-1.0	-0.1	0.1	-0.0	138.7	46.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-115.9	-1.0	-0.1	0.1	-0.0	138.7	46.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-115.9	-1.0	-0.1	0.1	-0.0	138.7	46.3
(PLNS, 50, 50,V,V, P,1)	24.0	-132.1	0.2	-0.3	1.2	0.2	154.6	54.1
(PLNS, 50, 50,V,V, P,3)	24.0	-128.8	0.2	-3.6	1.2	0.2	148.0	47.5
(PLNS, 50, 50,V,V,AV,1)	24.0	-132.1	0.2	-0.3	1.2	0.2	154.6	54.1
(PLNS, 50, 50,V,V,AV,3)	24.0	-128.8	0.2	-3.6	1.2	0.2	148.0	47.5
(PLNS, 50, 50,V,V,AH,1)	24.0	-132.1	0.2	-0.3	1.2	0.2	154.6	54.1
(PLNS, 50, 50,V,V,AH,3)	24.0	-128.8	0.2	-3.6	1.2	0.2	148.0	47.5



COLORADO PLAINS B= 50KM SITE 11

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE 04-23-64 BAROMETRIC PRESSURE 24.73 CLOUD TYPE HI COVER PERCENT 80% ASSMAN WET 53.2 DRY 78.0

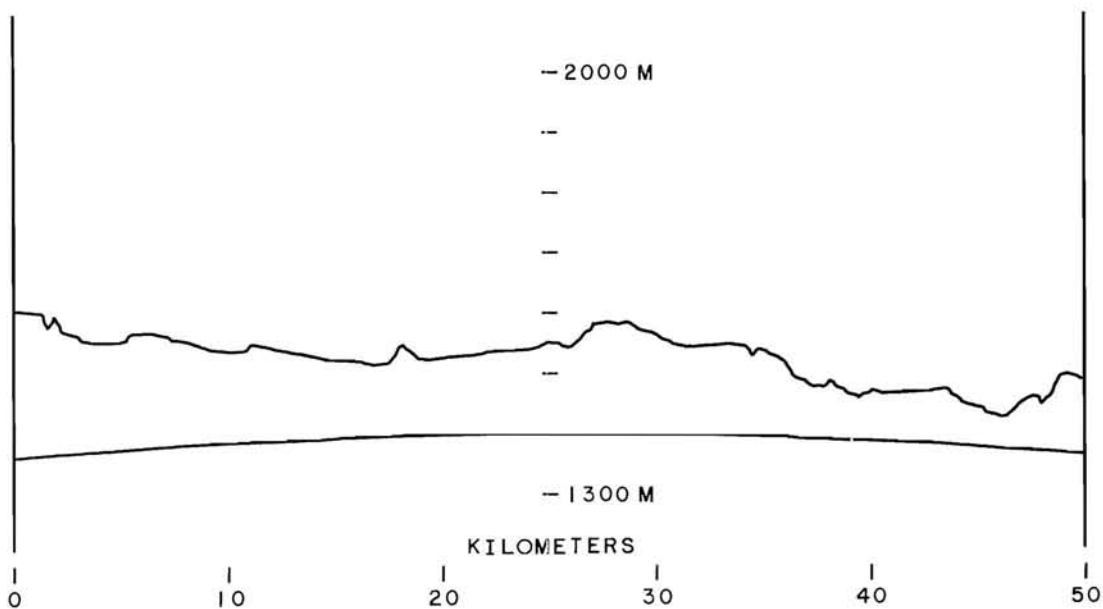
HORIZON 3/4MI, BARREN FARM GROUND. 4-WIRE POWER LINE 50FT TO SOUTH, 25FT HIGH, 18 WIRE PHONE LINE 20FT NORTH, 15FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-122.4	7.6	1.7	0.9	0.9	156.0	49.4
(PLNS, 50,100,V,V, P,6)	20.0	-117.0	7.6	-0.3	0.9	0.9	148.6	47.1
(PLNS, 50,100,V,V, P,9)	20.0	-116.0	7.6	-1.1	0.9	0.9	146.8	46.3
(PLNS, 50,100,V,V,AV,3)	20.0	-122.4	7.6	1.7	0.9	0.9	156.0	49.4
(PLNS, 50,100,V,V,AV,6)	20.0	-117.0	7.6	-0.3	0.9	0.9	148.6	47.1
(PLNS, 50,100,V,V,AV,9)	20.0	-116.0	7.6	-1.1	0.9	0.9	146.8	46.3
(PLNS, 50,100,V,V,AH,3)	20.0	-122.4	7.6	1.7	0.9	0.9	156.0	49.4
(PLNS, 50,100,V,V,AH,6)	20.0	-117.0	7.6	-0.3	0.9	0.9	148.6	47.1
(PLNS, 50,100,V,V,AH,9)	20.0	-116.0	7.6	-1.1	0.9	0.9	146.8	46.3
(PLNS, 50,100,H,V, P,3)	20.0	-135.1	9.6	-19.4	0.9	0.9	149.6	47.0
(PLNS, 50,100,H,V, P,6)	20.0	-135.1	9.6	-17.2	0.9	0.9	151.8	45.2
(PLNS, 50,100,H,V, P,9)	20.0	-132.5	9.6	-21.5	0.9	0.9	144.9	38.4
(PLNS, 50,100,H,V,AV,3)	20.0	-135.1	9.6	-19.4	0.9	0.9	149.6	47.0
(PLNS, 50,100,H,V,AV,6)	20.0	-135.1	9.6	-17.2	0.9	0.9	151.8	45.2
(PLNS, 50,100,H,V,AV,9)	20.0	-132.5	9.6	-21.5	0.9	0.9	144.9	38.4
(PLNS, 50,100,H,V,AH,3)	20.0	-135.1	9.6	-19.4	0.9	0.9	149.6	47.0
(PLNS, 50,100,H,V,AH,6)	20.0	-135.1	9.6	-17.2	0.9	0.9	151.8	45.2
(PLNS, 50,100,H,V,AH,9)	20.0	-132.5	9.6	-21.5	0.9	0.9	144.9	38.4
(PLNS, 50,100,V,H, P,3)	20.0	-133.2	7.6	-23.3	0.9	0.9	141.8	35.3
(PLNS, 50,100,V,H, P,6)	20.0	-127.2	7.6	-16.5	0.9	0.9	142.6	36.0
(PLNS, 50,100,V,H, P,9)	20.0	-126.6	7.6	-17.0	0.9	0.9	141.5	35.0
(PLNS, 50,100,V,H,AV,3)	20.0	-133.2	7.6	-23.3	0.9	0.9	141.8	35.3
(PLNS, 50,100,V,H,AV,6)	20.0	-127.2	7.6	-16.5	0.9	0.9	142.6	36.0
(PLNS, 50,100,V,H,AV,9)	20.0	-126.6	7.6	-17.0	0.9	0.9	141.5	35.0
(PLNS, 50,100,V,H,AH,3)	20.0	-133.2	7.6	-23.3	0.9	0.9	141.8	35.3
(PLNS, 50,100,V,H,AH,6)	20.0	-127.2	7.6	-16.5	0.9	0.9	142.6	36.0
(PLNS, 50,100,V,H,AH,9)	20.0	-126.6	7.6	-17.0	0.9	0.9	141.5	35.0
(PLNS, 50,100,H,H, P,3)	20.0	-128.1	9.6	0.6	0.9	0.9	162.6	56.0
(PLNS, 50,100,H,H, P,6)	20.0	-121.4	9.6	1.1	0.9	0.9	156.4	49.9
(PLNS, 50,100,H,H, P,9)	20.0	-117.9	9.6	0.7	0.9	0.9	152.5	46.0
(PLNS, 50,100,H,H,AV,3)	20.0	-128.1	9.6	0.6	0.9	0.9	162.6	56.0
(PLNS, 50,100,H,H,AV,6)	20.0	-121.4	9.6	1.1	0.9	0.9	156.4	49.9
(PLNS, 50,100,H,H,AV,9)	20.0	-117.9	9.6	0.7	0.9	0.9	152.5	46.0
(PLNS, 50,100,H,H,AH,3)	20.0	-128.1	9.6	0.6	0.9	0.9	162.6	56.0
(PLNS, 50,100,H,H,AH,6)	20.0	-121.4	9.6	1.1	0.9	0.9	156.4	49.9
(PLNS, 50,100,H,H,AH,9)	20.0	-117.9	9.6	0.7	0.9	0.9	152.5	46.0
(KLIR, 81,100,H,H, P,3)	42.2	-114.4		-0.8		0.9	161.0	50.4
(KLIR, 81,100,H,H, P,6)	42.2	-109.2		1.1		0.9	157.7	47.1
(KLIR, 81,100,H,H, P,9)	42.2	-106.6		0.8		0.9	154.8	44.2
(KLIR, 81,100,H,H,AV,3)	42.2	-114.4		-0.8		0.9	161.0	50.4
(KLIR, 81,100,H,H,AV,6)	42.2	-109.2		1.1		0.9	157.7	47.1
(KLIR, 81,100,H,H,AV,9)	42.2	-106.6		0.8		0.9	154.8	44.2
(KLIR, 81,100,H,H,AH,3)	42.2	-114.4		-0.8		0.9	161.0	50.4
(KLIR, 81,100,H,H,AH,6)	42.2	-109.2		1.1		0.9	157.7	47.1
(KLIR, 81,100,H,H,AH,9)	42.2	-106.6		0.8		0.9	154.8	44.2

COLORADO PLAINS B= 50KM SITE 12

DATE 11-20-64

(T,B,F,P(T),P(R),L,H)	w(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(H)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-123.8	-1.2	-3.0	0.1	-0.0	143.5	51.0
(PLNS, 50, 20,V,V,AV,3)	24.0	-121.0	-1.2	-3.0	0.1	-0.0	140.7	48.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-123.8	-1.2	-3.0	0.1	-0.0	143.5	51.0
(PLNS, 50, 50,V,V, P,1)	24.0	-141.9	0.2	-5.0	1.2	0.2	159.7	59.3
(PLNS, 50, 50,V,V, P,3)	24.0	-135.8	0.2	-3.7	1.2	0.2	154.9	54.4
(PLNS, 50, 50,V,V,AV,1)	24.0	-144.3	0.2	-5.0	1.2	0.2	162.1	61.6
(PLNS, 50, 50,V,V,AV,3)	24.0	-140.2	0.2	-3.7	1.2	0.2	159.3	58.9
(PLNS, 50, 50,V,V,AH,1)	24.0	-141.9	0.2	-5.0	1.2	0.2	159.7	59.3
(PLNS, 50, 50,V,V,AH,3)	24.0	-135.8	0.2	-3.7	1.2	0.2	154.9	54.4



COLORADO PLAINS B= 50KM SITE 12

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
04-23-64	24.78	H1	40%	50.2	74.0

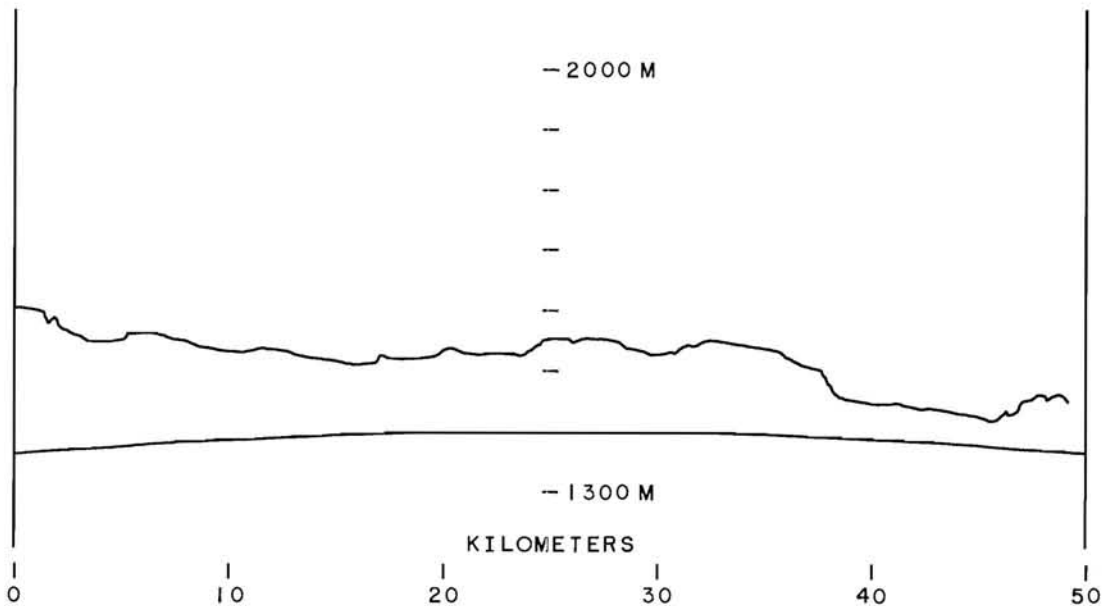
HORIZON 1/2MI, FARM LAND AND NO OBSTRUCTIONS.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-127.2	7.6	1.4	0.9	0.9	160.5	53.9
(PLNS, 50,100,V,V, P,6)	20.0	-123.0	7.6	-1.0	0.9	0.9	153.9	47.4
(PLNS, 50,100,V,V, P,9)	20.0	-121.4	7.6	-1.3	0.9	0.9	152.0	45.5
(PLNS, 50,100,V,V,AV,3)	20.0	-122.7	7.6	1.4	0.9	0.9	156.0	49.5
(PLNS, 50,100,V,V,AV,6)	20.0	-118.9	7.6	-1.0	0.9	0.9	149.8	43.3
(PLNS, 50,100,V,V,AV,9)	20.0	-117.8	7.6	-1.3	0.9	0.9	148.4	41.9
(PLNS, 50,100,V,V,AH,3)	20.0	-127.2	7.6	1.4	0.9	0.9	160.5	53.9
(PLNS, 50,100,V,V,AH,6)	20.0	-123.0	7.6	-1.0	0.9	0.9	153.9	47.4
(PLNS, 50,100,V,V,AH,9)	20.0	-121.4	7.6	-1.3	0.9	0.9	152.0	45.5
(PLNS, 50,100,H,V, P,3)	20.0	-141.2	9.6	-14.9	0.9	0.9	160.2	53.6
(PLNS, 50,100,H,V, P,6)	20.0	-145.6	9.6	-12.6	0.9	0.9	166.9	60.4
(PLNS, 50,100,H,V, P,9)	20.0	-147.8	9.6	-14.9	0.9	0.9	166.8	60.2
(PLNS, 50,100,H,V,AV,3)	20.0	-140.1	9.6	-14.9	0.9	0.9	159.1	52.6
(PLNS, 50,100,H,V,AV,6)	20.0	-138.7	9.6	-12.6	0.9	0.9	160.0	53.5
(PLNS, 50,100,H,V,AV,9)	20.0	-136.8	9.6	-14.9	0.9	0.9	155.8	49.3
(PLNS, 50,100,H,V,AH,3)	20.0	-141.2	9.6	-14.9	0.9	0.9	160.2	53.6
(PLNS, 50,100,H,V,AH,6)	20.0	-145.6	9.6	-12.6	0.9	0.9	166.9	60.4
(PLNS, 50,100,H,V,AH,9)	20.0	-147.8	9.6	-14.9	0.9	0.9	166.8	60.2
(PLNS, 50,100,V,H, P,3)	20.0	-136.2	7.6	-19.6	0.9	0.9	148.5	41.9
(PLNS, 50,100,V,H, P,6)	20.0	-136.2	7.6	-20.4	0.9	0.9	147.7	41.1
(PLNS, 50,100,V,H, P,9)	20.0	-139.2	7.6	-17.5	0.9	0.9	153.6	47.0
(PLNS, 50,100,V,H,AV,3)	20.0	-134.7	7.6	-19.6	0.9	0.9	147.0	40.5
(PLNS, 50,100,V,H,AV,6)	20.0	-133.2	7.6	-20.4	0.9	0.9	144.7	38.2
(PLNS, 50,100,V,H,AV,9)	20.0	-132.4	7.6	-17.5	0.9	0.9	146.8	40.3
(PLNS, 50,100,V,H,AH,3)	20.0	-136.2	7.6	-19.6	0.9	0.9	148.5	41.9
(PLNS, 50,100,V,H,AH,6)	20.0	-136.2	7.6	-20.4	0.9	0.9	147.7	41.1
(PLNS, 50,100,V,H,AH,9)	20.0	-139.2	7.6	-17.5	0.9	0.9	153.6	47.0
(PLNS, 50,100,H,H, P,3)	20.0	-128.4	9.6	-2.0	0.9	0.9	160.3	53.7
(PLNS, 50,100,H,H, P,6)	20.0	-120.5	9.6	-1.6	0.9	0.9	152.8	46.2
(PLNS, 50,100,H,H, P,9)	20.0	-118.4	9.6	-1.1	0.9	0.9	151.2	44.7
(PLNS, 50,100,H,H,AV,3)	20.0	-126.1	9.6	-2.0	0.9	0.9	158.0	51.5
(PLNS, 50,100,H,H,AV,6)	20.0	-119.6	9.6	-1.6	0.9	0.9	151.9	45.4
(PLNS, 50,100,H,H,AV,9)	20.0	-117.6	9.6	-1.1	0.9	0.9	150.4	43.9
(PLNS, 50,100,H,H,AH,3)	20.0	-128.4	9.6	-2.0	0.9	0.9	160.3	53.7
(PLNS, 50,100,H,H,AH,6)	20.0	-120.5	9.6	-1.6	0.9	0.9	152.8	46.2
(PLNS, 50,100,H,H,AH,9)	20.0	-118.4	9.6	-1.1	0.9	0.9	151.2	44.7
(KLIR, 79,100,H,H, P,3)	42.2	-117.2		-1.2		0.9	163.4	52.9
(KLIR, 79,100,H,H, P,6)	42.2	-109.4		1.6		0.9	158.4	48.0
(KLIR, 79,100,H,H, P,9)	42.2	-106.9		1.1		0.9	155.4	45.0
(KLIR, 79,100,H,H,AV,3)	42.2	-117.3		-1.2		0.9	163.5	53.0
(KLIR, 79,100,H,H,AV,6)	42.2	-111.0		1.6		0.9	160.0	49.6
(KLIR, 79,100,H,H,AV,9)	42.2	-107.6		1.1		0.9	156.1	45.7
(KLIR, 79,100,H,H,AH,3)	42.2	-117.2		-1.2		0.9	163.4	52.9
(KLIR, 79,100,H,H,AH,6)	42.2	-109.4		1.6		0.9	158.4	48.0
(KLIR, 79,100,H,H,AH,9)	42.2	-106.9		1.1		0.9	155.4	45.0

COLORADO PLAINS B= 50KM SITE 13

DATE 11-20-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-125.3	-1.7	0.3	0.1	-0.0	147.8	55.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-125.3	-1.7	0.3	0.1	-0.0	147.8	55.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-125.3	-1.7	0.3	0.1	-0.0	147.8	55.3
(PLNS, 50, 50,V,V, P,1)	24.0	-144.0	0.0	-1.6	1.2	0.2	165.0	64.6
(PLNS, 50, 50,V,V, P,3)	24.0	-138.0	0.0	-1.0	1.2	0.2	159.6	59.2
(PLNS, 50, 50,V,V,AV,1)	24.0	-136.5	0.0	-1.6	1.2	0.2	157.5	57.1
(PLNS, 50, 50,V,V,AV,3)	24.0	-133.0	0.0	-1.0	1.2	0.2	154.6	54.2
(PLNS, 50, 50,V,V,AH,1)	24.0	-144.0	0.0	-1.6	1.2	0.2	165.0	64.6
(PLNS, 50, 50,V,V,AH,3)	24.0	-138.0	0.0	-1.0	1.2	0.2	159.6	59.2



COLORADO PLAINS R= 50KM SITE 13

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-23-64	24.91	H1	40%	48.2	68.3

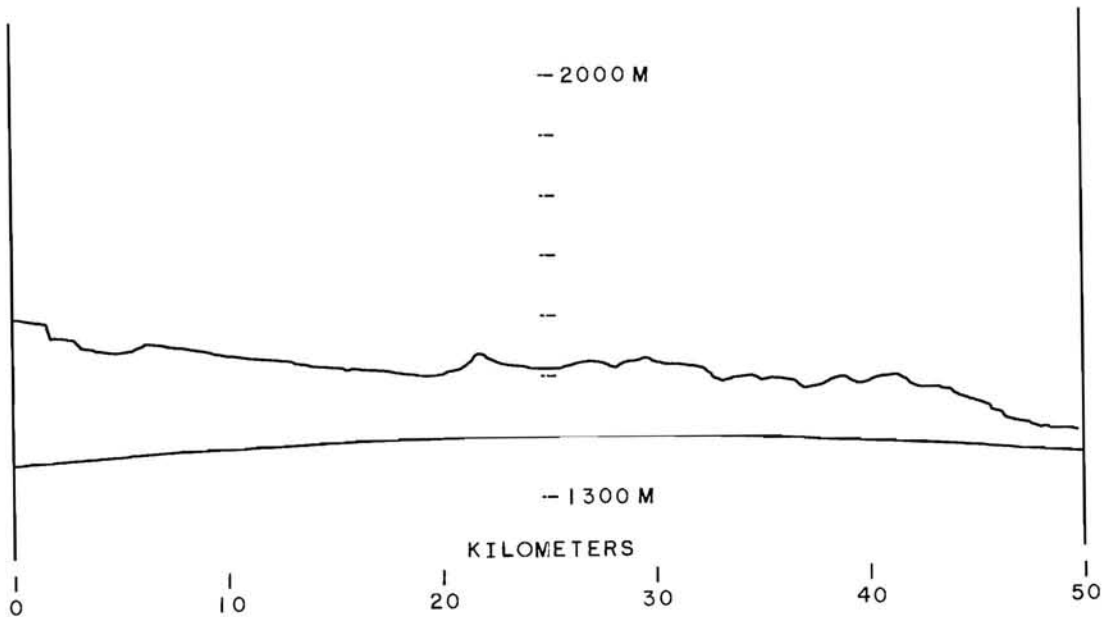
SITE IS NEAR BOTTOM OF TROUGH, HORIZON 150FT AWAY AND 40FT HIGH. 2-WIRE POWER LINE 35FT SOUTH, 30FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-135.6	7.6	0.4	0.9	0.9	167.9	61.4
(PLNS, 50,100,V,V, P,6)	20.0	-131.2	7.6	-0.8	0.9	0.9	162.3	55.8
(PLNS, 50,100,V,V, P,9)	20.0	-130.2	7.6	-1.4	0.9	0.9	160.7	54.1
(PLNS, 50,100,V,V,AV,3)	20.0	-133.8	7.6	0.4	0.9	0.9	166.1	59.5
(PLNS, 50,100,V,V,AV,6)	20.0	-127.5	7.6	-0.8	0.9	0.9	158.6	52.0
(PLNS, 50,100,V,V,AV,9)	20.0	-125.9	7.6	-1.4	0.9	0.9	156.4	49.8
(PLNS, 50,100,V,V,AH,3)	20.0	-133.8	7.6	0.4	0.9	0.9	166.1	59.5
(PLNS, 50,100,V,V,AH,6)	20.0	-127.5	7.6	-0.8	0.9	0.9	158.6	52.0
(PLNS, 50,100,V,V,AH,9)	20.0	-125.9	7.6	-1.4	0.9	0.9	156.4	49.8
(PLNS, 50,100,H,V, P,3)	20.0	-144.5	9.6	-19.7	0.9	0.9	158.7	52.2
(PLNS, 50,100,H,V, P,6)	20.0	-142.8	9.6	-17.4	0.9	0.9	159.3	52.8
(PLNS, 50,100,H,V, P,9)	20.0	-141.2	9.6	-21.4	0.9	0.9	153.7	47.1
(PLNS, 50,100,H,V,AV,3)	20.0	-137.7	9.6	-19.7	0.9	0.9	151.9	45.4
(PLNS, 50,100,H,V,AV,6)	20.0	-152.4	9.6	-17.4	0.9	0.9	168.9	62.4
(PLNS, 50,100,H,V,AV,9)	20.0	-140.1	9.6	-21.4	0.9	0.9	152.6	46.1
(PLNS, 50,100,H,V,AH,3)	20.0	-137.7	9.6	-19.7	0.9	0.9	151.9	45.4
(PLNS, 50,100,H,V,AH,6)	20.0	-152.4	9.6	-17.4	0.9	0.9	168.9	62.4
(PLNS, 50,100,H,V,AH,9)	20.0	-140.1	9.6	-21.4	0.9	0.9	152.6	46.1
(PLNS, 50,100,V,H, P,3)	20.0	-145.2	7.6	-22.7	0.9	0.9	154.4	47.8
(PLNS, 50,100,V,H, P,6)	20.0	-140.3	7.6	-16.2	0.9	0.9	156.0	49.5
(PLNS, 50,100,V,H, P,9)	20.0	-142.4	7.6	-16.8	0.9	0.9	157.5	50.9
(PLNS, 50,100,V,H,AV,3)	20.0	-142.2	7.6	-22.7	0.9	0.9	151.4	44.9
(PLNS, 50,100,V,H,AV,6)	20.0	-138.3	7.6	-16.2	0.9	0.9	154.0	47.5
(PLNS, 50,100,V,H,AV,9)	20.0	-135.4	7.6	-16.8	0.9	0.9	150.5	44.0
(PLNS, 50,100,V,H,AH,3)	20.0	-142.2	7.6	-22.7	0.9	0.9	151.4	44.9
(PLNS, 50,100,V,H,AH,6)	20.0	-138.3	7.6	-16.2	0.9	0.9	154.0	47.5
(PLNS, 50,100,V,H,AH,9)	20.0	-135.4	7.6	-16.8	0.9	0.9	150.5	44.0
(PLNS, 50,100,H,H, P,3)	20.0	-136.0	9.6	0.4	0.9	0.9	170.3	63.8
(PLNS, 50,100,H,H, P,6)	20.0	-132.9	9.6	1.1	0.9	0.9	167.9	61.4
(PLNS, 50,100,H,H, P,9)	20.0	-130.2	9.6	0.8	0.9	0.9	164.9	58.3
(PLNS, 50,100,H,H,AV,3)	20.0	-125.2	9.6	0.4	0.9	0.9	159.5	52.9
(PLNS, 50,100,H,H,AV,6)	20.0	-122.5	9.6	1.1	0.9	0.9	157.5	51.0
(PLNS, 50,100,H,H,AV,9)	20.0	-121.7	9.6	0.8	0.9	0.9	156.4	49.9
(PLNS, 50,100,H,H,AH,3)	20.0	-125.2	9.6	0.4	0.9	0.9	159.5	52.9
(PLNS, 50,100,H,H,AH,6)	20.0	-122.5	9.6	1.1	0.9	0.9	157.5	51.0
(PLNS, 50,100,H,H,AH,9)	20.0	-121.7	9.6	0.8	0.9	0.9	156.4	49.9
(KLIR, 77,100,H,H, P,3)	42.2	-119.9		0.4		0.9	167.7	57.4
(KLIR, 77,100,H,H, P,6)	42.2	-118.7		1.1		0.9	167.2	57.0
(KLIR, 77,100,H,H, P,9)	42.2	-116.4		0.7		0.9	164.5	54.3
(KLIR, 77,100,H,H,AV,3)	42.2	-127.5		0.4		0.9	175.3	65.0
(KLIR, 77,100,H,H,AV,6)	42.2	-126.6		1.1		0.9	175.1	64.9
(KLIR, 77,100,H,H,AV,9)	42.2	-126.6		0.7		0.9	174.7	64.5
(KLIR, 77,100,H,H,AH,3)	42.2	-127.5		0.4		0.9	175.3	65.0
(KLIR, 77,100,H,H,AH,6)	42.2	-126.6		1.1		0.9	175.1	64.9
(KLIR, 77,100,H,H,AH,9)	42.2	-126.6		0.7		0.9	174.7	64.5

COLORADO PLAINS B= 50KM SITE 15

DATE 11-20-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-127.3	-2.1	-2.0	0.1	-0.0	147.1	54.6
(PLNS, 50, 20,V,V,AV,3)	24.0	-123.8	-2.1	-2.0	0.1	-0.0	143.6	51.1
(PLNS, 50, 20,V,V,AH,3)	24.0	-124.5	-2.1	-2.0	0.1	-0.0	144.3	51.9
(PLNS, 50, 50,V,V, P,1)	24.0	-138.3	-0.1	5.7	1.2	0.2	166.5	66.0
(PLNS, 50, 50,V,V, P,3)	24.0	-138.3	-0.1	-0.8	1.2	0.2	160.0	59.5
(PLNS, 50, 50,V,V,AV,1)	24.0	-138.2	-0.1	5.7	1.2	0.2	166.4	65.9
(PLNS, 50, 50,V,V,AV,3)	24.0	-140.2	-0.1	-0.8	1.2	0.2	161.9	61.4
(PLNS, 50, 50,V,V,AH,1)	24.0	-140.0	-0.1	5.7	1.2	0.2	168.2	67.8
(PLNS, 50, 50,V,V,AH,3)	24.0	-140.0	-0.1	-0.8	1.2	0.2	161.7	61.3



COLORADO PLAINS R= 50KM SITE 15

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-23-64	25.08	H1	40%	34.3	57.0

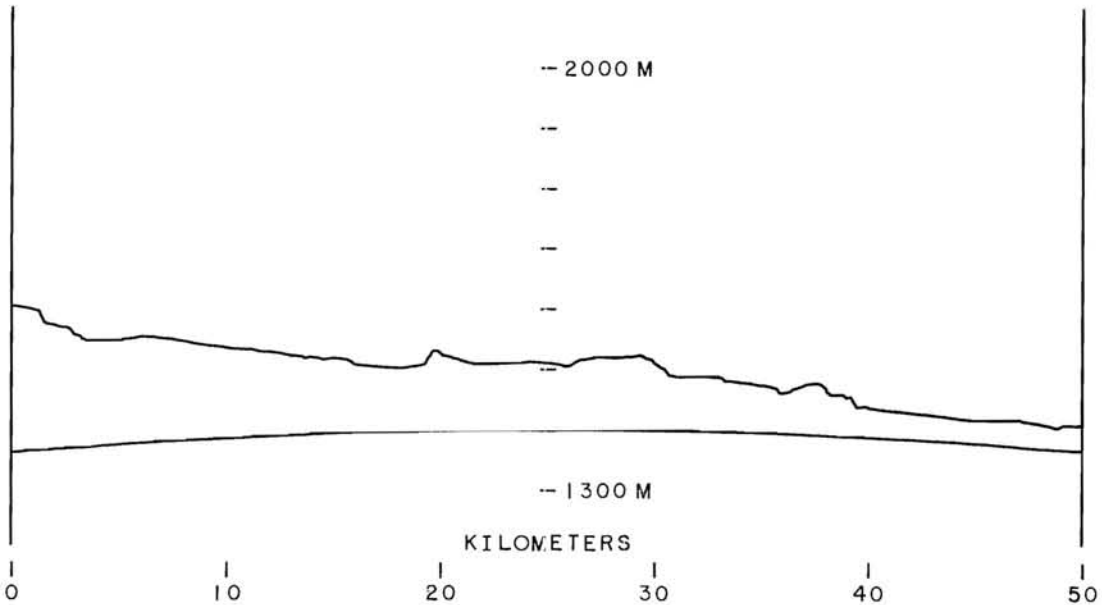
4-WIRE POWER LINE 30FT NORTH, 30FT HIGH, 2 PHONE WIRES 15FT. 4-WIRE PHONE LINE 100FT SOUTH, 25FT HIGH. FARMHOUSE AND BUILDINGS WITH 50FT TREES 1/2MI ON PATH, RAILROAD TRACKS 75FT SOUTH. BARREN HORIZON 3MI.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-138.9	7.6	-3.5	0.9	0.9	167.3	60.8
(PLNS, 50,100,V,V, P,6)	20.0	-140.3	7.6	-2.1	0.9	0.9	170.1	63.6
(PLNS, 50,100,V,V, P,9)	20.0	-135.1	7.6	-2.2	0.9	0.9	164.8	58.2
(PLNS, 50,100,V,V,AV,3)	20.0	-131.1	7.6	-3.5	0.9	0.9	159.5	53.0
(PLNS, 50,100,V,V,AV,6)	20.0	-127.2	7.6	-2.1	0.9	0.9	157.0	50.4
(PLNS, 50,100,V,V,AV,9)	20.0	-125.4	7.6	-2.2	0.9	0.9	155.1	48.6
(PLNS, 50,100,V,V,AH,3)	20.0	-134.1	7.6	-3.5	0.9	0.9	162.5	55.9
(PLNS, 50,100,V,V,AH,6)	20.0	-129.0	7.6	-2.1	0.9	0.9	158.8	52.3
(PLNS, 50,100,V,V,AH,9)	20.0	-126.4	7.6	-2.2	0.9	0.9	156.1	49.5
(PLNS, 50,100,H,V, P,3)	20.0	-146.6	9.6	-20.0	0.9	0.9	160.5	54.0
(PLNS, 50,100,H,V, P,6)	20.0	-146.6	9.6	-19.0	0.9	0.9	161.5	55.0
(PLNS, 50,100,H,V, P,9)	20.0	-141.2	9.6	-18.5	0.9	0.9	156.6	50.0
(PLNS, 50,100,H,V,AV,3)	20.0	-148.1	9.6	-20.0	0.9	0.9	162.0	55.4
(PLNS, 50,100,H,V,AV,6)	20.0	-145.9	9.6	-19.0	0.9	0.9	160.8	54.2
(PLNS, 50,100,H,V,AV,9)	20.0	-145.4	9.6	-18.5	0.9	0.9	160.8	54.3
(PLNS, 50,100,H,V,AH,3)	20.0	-143.2	9.6	-20.0	0.9	0.9	157.1	50.6
(PLNS, 50,100,H,V,AH,6)	20.0	-146.1	9.6	-19.0	0.9	0.9	161.0	54.5
(PLNS, 50,100,H,V,AH,9)	20.0	-143.2	9.6	-18.5	0.9	0.9	158.6	52.1
(PLNS, 50,100,V,H, P,3)	20.0	-149.0	7.6	-19.1	0.9	0.9	161.8	55.3
(PLNS, 50,100,V,H, P,6)	20.0	-141.3	7.6	-15.3	0.9	0.9	157.9	51.4
(PLNS, 50,100,V,H, P,9)	20.0	-136.4	7.6	-15.8	0.9	0.9	152.5	46.0
(PLNS, 50,100,V,H,AV,3)	20.0	-142.7	7.6	-19.1	0.9	0.9	155.5	49.0
(PLNS, 50,100,V,H,AV,6)	20.0	-136.6	7.6	-15.3	0.9	0.9	153.2	46.6
(PLNS, 50,100,V,H,AV,9)	20.0	-135.1	7.6	-15.8	0.9	0.9	151.2	44.6
(PLNS, 50,100,V,H,AH,3)	20.0	-143.4	7.6	-19.1	0.9	0.9	156.2	49.6
(PLNS, 50,100,V,H,AH,6)	20.0	-136.8	7.6	-15.3	0.9	0.9	153.4	46.9
(PLNS, 50,100,V,H,AH,9)	20.0	-134.0	7.6	-15.8	0.9	0.9	150.1	43.5
(PLNS, 50,100,H,H, P,3)	20.0	-142.7	9.6	-0.3	0.9	0.9	176.3	69.8
(PLNS, 50,100,H,H, P,6)	20.0	-137.0	9.6	1.4	0.9	0.9	172.3	65.8
(PLNS, 50,100,H,H, P,9)	20.0	-129.8	9.6	0.9	0.9	0.9	164.6	58.0
(PLNS, 50,100,H,H,AV,3)	20.0	-142.7	9.6	-0.3	0.9	0.9	176.3	69.8
(PLNS, 50,100,H,H,AV,6)	20.0	-132.0	9.6	1.4	0.9	0.9	167.3	60.8
(PLNS, 50,100,H,H,AV,9)	20.0	-127.5	9.6	0.9	0.9	0.9	162.3	55.7
(PLNS, 50,100,H,H,AH,3)	20.0	-135.8	9.6	-0.3	0.9	0.9	169.4	62.9
(PLNS, 50,100,H,H,AH,6)	20.0	-130.4	9.6	1.4	0.9	0.9	165.7	59.1
(PLNS, 50,100,H,H,AH,9)	20.0	-127.5	9.6	0.9	0.9	0.9	162.3	55.7
(KLIR, 75,100,H,H, P,3)	42.2	-124.5		0.4		0.9	172.3	62.4
(KLIR, 75,100,H,H, P,6)	42.2	-117.2		1.2		0.9	165.8	55.8
(KLIR, 75,100,H,H, P,9)	42.2	-113.8		0.8		0.9	162.0	52.0
(KLIR, 75,100,H,H,AV,3)	42.2	-122.7		0.4		0.9	170.5	60.5
(KLIR, 75,100,H,H,AV,6)	42.2	-117.7		1.2		0.9	166.3	56.4
(KLIR, 75,100,H,H,AV,9)	42.2	-113.2		0.8		0.9	161.4	51.5
(KLIR, 75,100,H,H,AH,3)	42.2	-125.9		0.4		0.9	173.7	63.7
(KLIR, 75,100,H,H,AH,6)	42.2	-118.1		1.2		0.9	166.7	56.8
(KLIR, 75,100,H,H,AH,9)	42.2	-112.1		0.8		0.9	160.3	50.4

COLORADO PLAINS B= 50KM SITE 16

DATE 11-20-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-122.8	-2.4	0.6	0.1	-0.0	144.9	52.4
(PLNS, 50, 20,V,V,AV,3)	24.0	-125.1	-2.4	0.6	0.1	-0.0	147.2	54.8
(PLNS, 50, 20,V,V,AH,3)	24.0	-123.0	-2.4	0.6	0.1	-0.0	145.1	52.6
(PLNS, 50, 50,V,V, P,1)	14.0	-139.0	-0.3	-2.3	1.2	0.2	149.0	48.6
(PLNS, 50, 50,V,V, P,3)	14.0	-134.4	-0.3	1.0	1.2	0.2	147.7	47.3
(PLNS, 50, 50,V,V,AV,1)	14.0	-141.3	-0.3	-2.3	1.2	0.2	151.3	50.8
(PLNS, 50, 50,V,V,AV,3)	14.0	-133.5	-0.3	1.0	1.2	0.2	146.8	46.4
(PLNS, 50, 50,V,V,AH,1)	14.0	-137.5	-0.3	-2.3	1.2	0.2	147.5	47.1
(PLNS, 50, 50,V,V,AH,3)	14.0	-132.3	-0.3	1.0	1.2	0.2	145.6	45.1



COLORADO PLAINS R= 50KM SITE 16

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-21-64	25.12	L2	85%	45.0	64.5

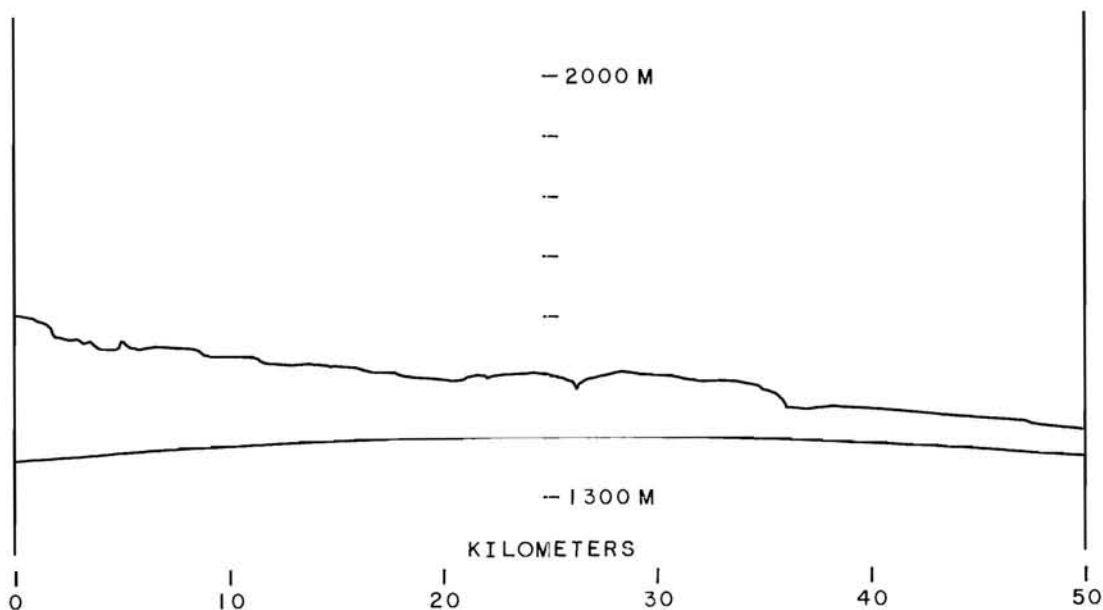
25 PHONE LINES AND POLES RUNNING EAST-WEST ALONG SOUTH SIDE OF ROAD ONLY OBSTRUCTIONS IN FLAT FARM COUNTRY.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(P)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-129.0	7.6	-0.4	0.9	0.9	160.5	54.0
(PLNS, 50,100,V,V, P,6)	20.0	-125.0	7.6	-0.7	0.9	0.9	156.2	49.6
(PLNS, 50,100,V,V, P,9)	20.0	-122.4	7.6	-1.6	0.9	0.9	152.7	46.1
(PLNS, 50,100,V,V,AV,3)	20.0	-126.4	7.6	-0.4	0.9	0.9	157.9	51.3
(PLNS, 50,100,V,V,AV,6)	20.0	-123.0	7.6	-0.7	0.9	0.9	154.2	47.7
(PLNS, 50,100,V,V,AV,9)	20.0	-121.4	7.6	-1.6	0.9	0.9	151.7	45.2
(PLNS, 50,100,V,V,AH,3)	20.0	-130.4	7.6	-0.4	0.9	0.9	161.9	55.3
(PLNS, 50,100,V,V,AH,6)	20.0	-126.6	7.6	-0.7	0.9	0.9	157.8	51.3
(PLNS, 50,100,V,V,AH,9)	20.0	-124.3	7.6	-1.6	0.9	0.9	154.6	48.1
(PLNS, 50,100,H,V, P,3)	20.0	-145.4	9.6	-21.2	0.9	0.9	158.1	51.6
(PLNS, 50,100,H,V, P,6)	20.0	-137.9	9.6	-20.0	0.9	0.9	151.8	45.3
(PLNS, 50,100,H,V, P,9)	20.0	-141.4	9.6	-21.8	0.9	0.9	153.5	47.0
(PLNS, 50,100,H,V,AV,3)	20.0	-141.3	9.6	-21.2	0.9	0.9	154.0	47.5
(PLNS, 50,100,H,V,AV,6)	20.0	-141.3	9.6	-20.0	0.9	0.9	155.2	48.7
(PLNS, 50,100,H,V,AV,9)	20.0	-141.3	9.6	-21.8	0.9	0.9	153.4	46.9
(PLNS, 50,100,H,V,AH,3)	20.0	-140.7	9.6	-21.2	0.9	0.9	153.4	46.9
(PLNS, 50,100,H,V,AH,6)	20.0	-137.8	9.6	-20.0	0.9	0.9	151.7	45.2
(PLNS, 50,100,H,V,AH,9)	20.0	-143.7	9.6	-21.8	0.9	0.9	155.8	49.3
(PLNS, 50,100,V,H, P,3)	20.0	-141.7	7.6	-22.0	0.9	0.9	151.6	45.1
(PLNS, 50,100,V,H, P,6)	20.0	-137.0	7.6	-16.0	0.9	0.9	152.9	46.4
(PLNS, 50,100,V,H, P,9)	20.0	-134.9	7.6	-16.7	0.9	0.9	150.1	43.6
(PLNS, 50,100,V,H,AV,3)	20.0	-136.0	7.6	-22.0	0.9	0.9	145.9	39.4
(PLNS, 50,100,V,H,AV,6)	20.0	-133.7	7.6	-16.0	0.9	0.9	149.6	43.0
(PLNS, 50,100,V,H,AV,9)	20.0	-133.7	7.6	-16.7	0.9	0.9	148.9	42.3
(PLNS, 50,100,V,H,AH,3)	20.0	-138.7	7.6	-22.0	0.9	0.9	148.6	42.1
(PLNS, 50,100,V,H,AH,6)	20.0	-138.7	7.6	-16.0	0.9	0.9	154.6	48.1
(PLNS, 50,100,V,H,AH,9)	20.0	-138.7	7.6	-16.7	0.9	0.9	153.9	47.4
(PLNS, 50,100,H,H, P,3)	20.0	-141.2	9.6	0.0	0.9	0.9	175.1	68.5
(PLNS, 50,100,H,H, P,6)	20.0	-126.4	9.6	1.2	0.9	0.9	161.5	54.9
(PLNS, 50,100,H,H, P,9)	20.0	-122.7	9.6	0.8	0.9	0.9	157.4	50.9
(PLNS, 50,100,H,H,AV,3)	20.0	-143.0	9.6	0.0	0.9	0.9	176.9	70.4
(PLNS, 50,100,H,H,AV,6)	20.0	-125.4	9.6	1.2	0.9	0.9	160.5	54.0
(PLNS, 50,100,H,H,AV,9)	20.0	-122.7	9.6	0.8	0.9	0.9	157.4	50.9
(PLNS, 50,100,H,H,AH,3)	20.0	-131.0	9.6	0.0	0.9	0.9	164.9	58.3
(PLNS, 50,100,H,H,AH,6)	20.0	-127.3	9.6	1.2	0.9	0.9	162.4	55.9
(PLNS, 50,100,H,H,AH,9)	20.0	-125.0	9.6	0.8	0.9	0.9	159.7	53.1
(KLIR, 74,100,H,H, P,3)	42.2	-121.4		0.5		0.9	169.3	59.5
(KLIR, 74,100,H,H, P,6)	42.2	-116.9		1.1		0.9	165.4	55.6
(KLIR, 74,100,H,H, P,9)	42.2	-111.3		0.7		0.9	159.4	49.6
(KLIR, 74,100,H,H,AV,3)	42.2	-122.4		0.5		0.9	170.3	60.4
(KLIR, 74,100,H,H,AV,6)	42.2	-117.2		1.1		0.9	165.7	55.9
(KLIR, 74,100,H,H,AV,9)	42.2	-113.1		0.7		0.9	161.2	51.4
(KLIR, 74,100,H,H,AH,3)	42.2	-120.0		0.5		0.9	167.9	58.1
(KLIR, 74,100,H,H,AH,6)	42.2	-118.8		1.1		0.9	167.3	57.5
(KLIR, 74,100,H,H,AH,9)	42.2	-116.6		0.7		0.9	164.7	54.9

COLORADO PLAINS B= 50KM SITE 17

DATE 11-20-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-123.3	-2.7	-2.0	0.1	-0.0	142.5	50.0
(PLNS, 50, 20,V,V,AV,3)	24.0	-121.2	-2.7	-2.0	0.1	-0.0	140.4	47.9
(PLNS, 50, 20,V,V,AH,3)	24.0	-123.3	-2.7	-2.0	0.1	-0.0	142.5	50.0
(PLNS, 50, 50,V,V, P,1)	24.0	-137.5	-0.5	3.5	1.2	0.2	163.1	62.7
(PLNS, 50, 50,V,V, P,3)	24.0	-138.5	-0.5	-2.7	1.2	0.2	157.9	57.4
(PLNS, 50, 50,V,V,AV,1)	24.0	-139.0	-0.5	3.5	1.2	0.2	164.6	64.2
(PLNS, 50, 50,V,V,AV,3)	24.0	-138.0	-0.5	-2.7	1.2	0.2	157.4	56.9
(PLNS, 50, 50,V,V,AH,1)	24.0	-137.5	-0.5	3.5	1.2	0.2	163.1	62.7
(PLNS, 50, 50,V,V,AH,3)	24.0	-138.5	-0.5	-2.7	1.2	0.2	157.9	57.4



COLORADO PLAINS B= 50KM SITE 17

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
04-21-64	25.14	L5	80%	45.5	68.5

FARM AREA, CULTIVATED FIELDS. ROW OF 60FT TREES AND FARM BUILDINGS IN LINE OF SIGHT ABOUT 1/4MI SOUTHEAST.

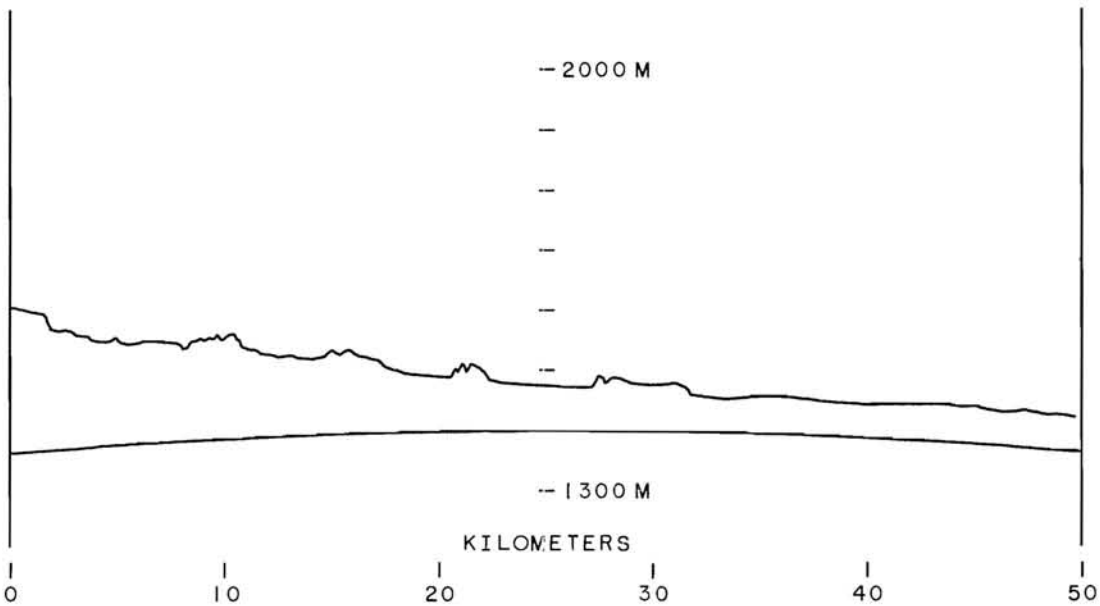
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-131.8	7.6	-0.9	0.9	0.9	162.8	56.3
(PLNS, 50,100,V,V, P,6)	20.0	-126.1	7.6	-1.4	0.9	0.9	156.6	50.1
(PLNS, 50,100,V,V, P,9)	20.0	**	7.6	-2.0	0.9	0.9	**	**
(PLNS, 50,100,V,V,AV,3)	20.0	-127.5	7.6	-0.9	0.9	0.9	158.5	51.9
(PLNS, 50,100,V,V,AV,6)	20.0	-123.7	7.6	-1.4	0.9	0.9	154.2	47.7
(PLNS, 50,100,V,V,AV,9)	20.0	**	7.6	-2.0	0.9	0.9	**	**
(PLNS, 50,100,V,V,AH,3)	20.0	-131.8	7.6	-0.9	0.9	0.9	162.8	56.3
(PLNS, 50,100,V,V,AH,6)	20.0	-126.1	7.6	-1.4	0.9	0.9	156.6	50.1
(PLNS, 50,100,V,V,AH,9)	20.0	**	7.6	-2.0	0.9	0.9	**	**
(PLNS, 50,100,H,V, P,3)	20.0	-146.1	9.6	-15.4	0.9	0.9	164.6	58.1
(PLNS, 50,100,H,V, P,6)	20.0	-142.2	9.6	-13.1	0.9	0.9	163.0	56.5
(PLNS, 50,100,H,V, P,9)	20.0	**	9.6	-15.4	0.9	0.9	**	**
(PLNS, 50,100,H,V,AV,3)	20.0	-145.0	9.6	-15.4	0.9	0.9	163.5	56.9
(PLNS, 50,100,H,V,AV,6)	20.0	-139.2	9.6	-13.1	0.9	0.9	160.0	53.4
(PLNS, 50,100,H,V,AV,9)	20.0	**	9.6	-15.4	0.9	0.9	**	**
(PLNS, 50,100,H,V,AH,3)	20.0	-146.1	9.6	-15.4	0.9	0.9	164.6	58.1
(PLNS, 50,100,H,V,AH,6)	20.0	-142.2	9.6	-13.1	0.9	0.9	163.0	56.5
(PLNS, 50,100,H,V,AH,9)	20.0	**	9.6	-15.4	0.9	0.9	**	**
(PLNS, 50,100,V,H, P,3)	20.0	-143.4	7.6	-21.3	0.9	0.9	154.0	47.4
(PLNS, 50,100,V,H, P,6)	20.0	-143.4	7.6	-18.0	0.9	0.9	157.3	50.7
(PLNS, 50,100,V,H, P,9)	20.0	**	7.6	-16.0	0.9	0.9	**	**
(PLNS, 50,100,V,H,AV,3)	20.0	-144.3	7.6	-21.3	0.9	0.9	154.9	48.4
(PLNS, 50,100,V,H,AV,6)	20.0	-139.2	7.6	-18.0	0.9	0.9	153.1	46.5
(PLNS, 50,100,V,H,AV,9)	20.0	**	7.6	-16.0	0.9	0.9	**	**
(PLNS, 50,100,V,H,AH,3)	20.0	-143.4	7.6	-21.3	0.9	0.9	154.0	47.4
(PLNS, 50,100,V,H,AH,6)	20.0	-143.4	7.6	-18.0	0.9	0.9	157.3	50.7
(PLNS, 50,100,V,H,AH,9)	20.0	**	7.6	-16.0	0.9	0.9	**	**
(PLNS, 50,100,H,H, P,3)	20.0	-134.1	9.6	-1.4	0.9	0.9	166.6	60.0
(PLNS, 50,100,H,H, P,6)	20.0	-124.7	9.6	1.6	0.9	0.9	160.2	53.7
(PLNS, 50,100,H,H, P,9)	20.0	**	9.6	1.1	0.9	0.9	**	**
(PLNS, 50,100,H,H,AV,3)	20.0	-135.3	9.6	-1.4	0.9	0.9	167.8	61.2
(PLNS, 50,100,H,H,AV,6)	20.0	-126.1	9.6	1.6	0.9	0.9	161.6	55.1
(PLNS, 50,100,H,H,AV,9)	20.0	**	9.6	1.1	0.9	0.9	**	**
(PLNS, 50,100,H,H,AH,3)	20.0	-134.1	9.6	-1.4	0.9	0.9	166.6	60.0
(PLNS, 50,100,H,H,AH,6)	20.0	-124.7	9.6	1.6	0.9	0.9	160.2	53.7
(PLNS, 50,100,H,H,AH,9)	20.0	**	9.6	1.1	0.9	0.9	**	**
(KLIR, 72,100,H,H, P,3)	42.2	-131.0		-0.3		0.9	178.1	68.5
(KLIR, 72,100,H,H, P,6)	42.2	-119.0		1.2		0.9	167.6	58.1
(KLIR, 72,100,H,H, P,9)	42.2	**		0.8		0.9	**	**
(KLIR, 72,100,H,H,AV,3)	42.2	-126.1		-0.3		0.9	173.2	63.6
(KLIR, 72,100,H,H,AV,6)	42.2	-118.1		1.2		0.9	166.7	57.1
(KLIR, 72,100,H,H,AV,9)	42.2	**		0.8		0.9	**	**
(KLIR, 72,100,H,H,AH,3)	42.2	-131.0		-0.3		0.9	178.1	68.5
(KLIR, 72,100,H,H,AH,6)	42.2	-119.0		1.2		0.9	167.6	58.1
(KLIR, 72,100,H,H,AH,9)	42.2	**		0.8		0.9	**	**

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 50KM SITE 18

DATE 11-20-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-127.9	-2.7	-3.6	0.1	-0.0	145.5	53.0
(PLNS, 50, 20,V,V,AV,3)	24.0	-125.8	-2.7	-3.6	0.1	-0.0	143.4	50.9
(PLNS, 50, 20,V,V,AH,3)	24.0	-127.9	-2.7	-3.6	0.1	-0.0	145.5	53.0
(PLNS, 50, 50,V,V, P,1)	24.0	-145.5	-0.7	-5.0	1.2	0.2	162.4	61.9
(PLNS, 50, 50,V,V, P,3)	24.0	-142.0	-0.7	-2.3	1.2	0.2	161.6	61.2
(PLNS, 50, 50,V,V,AV,1)	24.0	-138.3	-0.7	-5.0	1.2	0.2	155.2	54.7
(PLNS, 50, 50,V,V,AV,3)	24.0	-134.8	-0.7	-2.3	1.2	0.2	154.4	53.9
(PLNS, 50, 50,V,V,AH,1)	24.0	-147.5	-0.7	-5.0	1.2	0.2	164.4	63.9
(PLNS, 50, 50,V,V,AH,3)	24.0	-133.8	-0.7	-2.3	1.2	0.2	153.4	52.9



COLORADO PLAINS B= 50KM SITF 18

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-21-64	25.13	L1,H2	15%	42.5	67.0

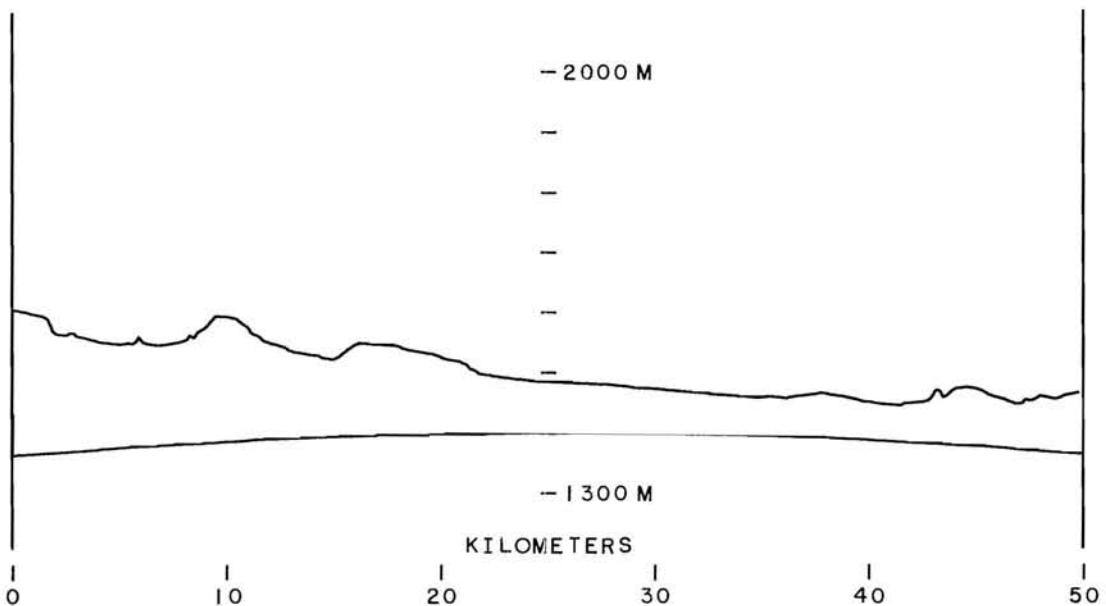
FEW SCATTERED DISTANT TREES 1/2MI TO SW. OPEN FARMLAND. PHONE LINES RUNNING NORTH-SOUTH ON WEST SIDE OF ROAD. 2 LINES, 1 CABLE.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-130.8	7.6	1.0	0.9	0.9	163.7	57.1
(PLNS, 50,100,V,V, P,6)	20.0	-125.6	7.6	-1.0	0.9	0.9	156.5	50.0
(PLNS, 50,100,V,V, P,9)	20.0	-123.0	7.6	-1.1	0.9	0.9	153.8	47.3
(PLNS, 50,100,V,V,AV,3)	20.0	-128.1	7.6	1.0	0.9	0.9	161.0	54.4
(PLNS, 50,100,V,V,AV,6)	20.0	-123.6	7.6	-1.0	0.9	0.9	154.5	47.9
(PLNS, 50,100,V,V,AV,9)	20.0	-122.8	7.6	-1.1	0.9	0.9	153.6	47.1
(PLNS, 50,100,V,V,AH,3)	20.0	-127.5	7.6	1.0	0.9	0.9	160.4	53.8
(PLNS, 50,100,V,V,AH,6)	20.0	-124.5	7.6	-1.0	0.9	0.9	155.4	48.9
(PLNS, 50,100,V,V,AH,9)	20.0	-122.2	7.6	-1.1	0.9	0.9	153.0	46.5
(PLNS, 50,100,H,V, P,3)	20.0	-137.0	9.6	-17.3	0.9	0.9	153.6	47.1
(PLNS, 50,100,H,V, P,6)	20.0	-140.5	9.6	-16.0	0.9	0.9	158.4	51.8
(PLNS, 50,100,H,V, P,9)	20.0	-140.5	9.6	-18.4	0.9	0.9	156.0	49.4
(PLNS, 50,100,H,V,AV,3)	20.0	-137.0	9.6	-17.3	0.9	0.9	153.6	47.1
(PLNS, 50,100,H,V,AV,6)	20.0	-135.3	9.6	-16.0	0.9	0.9	153.2	46.6
(PLNS, 50,100,H,V,AV,9)	20.0	-135.3	9.6	-18.4	0.9	0.9	150.8	44.2
(PLNS, 50,100,H,V,AH,3)	20.0	-134.1	9.6	-17.3	0.9	0.9	150.7	44.1
(PLNS, 50,100,H,V,AH,6)	20.0	-137.9	9.6	-16.0	0.9	0.9	155.8	49.3
(PLNS, 50,100,H,V,AH,9)	20.0	-134.1	9.6	-18.4	0.9	0.9	149.6	43.0
(PLNS, 50,100,V,H, P,3)	20.0	-136.6	7.6	-18.5	0.9	0.9	150.0	43.4
(PLNS, 50,100,V,H, P,6)	20.0	-135.3	7.6	-16.8	0.9	0.9	150.4	43.8
(PLNS, 50,100,V,H, P,9)	20.0	-132.4	7.6	-18.0	0.9	0.9	146.3	39.8
(PLNS, 50,100,V,H,AV,3)	20.0	-139.6	7.6	-18.5	0.9	0.9	153.0	46.5
(PLNS, 50,100,V,H,AV,6)	20.0	-139.6	7.6	-16.8	0.9	0.9	154.7	48.2
(PLNS, 50,100,V,H,AV,9)	20.0	-134.3	7.6	-18.0	0.9	0.9	148.2	41.6
(PLNS, 50,100,V,H,AH,3)	20.0	-137.0	7.6	-18.5	0.9	0.9	150.4	43.9
(PLNS, 50,100,V,H,AH,6)	20.0	-134.1	7.6	-16.8	0.9	0.9	149.2	42.6
(PLNS, 50,100,V,H,AH,9)	20.0	-130.6	7.6	-18.0	0.9	0.9	144.5	37.9
(PLNS, 50,100,H,H, P,3)	20.0	-131.1	9.6	-1.8	0.9	0.9	163.2	56.7
(PLNS, 50,100,H,H, P,6)	20.0	-124.1	9.6	1.4	0.9	0.9	159.4	52.9
(PLNS, 50,100,H,H, P,9)	20.0	-121.2	9.6	1.0	0.9	0.9	156.1	49.5
(PLNS, 50,100,H,H,AV,3)	20.0	-128.9	9.6	-1.8	0.9	0.9	161.0	54.4
(PLNS, 50,100,H,H,AV,6)	20.0	-126.8	9.6	1.4	0.9	0.9	162.1	55.5
(PLNS, 50,100,H,H,AV,9)	20.0	-123.0	9.6	1.0	0.9	0.9	157.9	51.4
(PLNS, 50,100,H,H,AH,3)	20.0	-127.5	9.6	-1.8	0.9	0.9	159.6	53.0
(PLNS, 50,100,H,H,AH,6)	20.0	-123.9	9.6	1.4	0.9	0.9	159.2	52.7
(PLNS, 50,100,H,H,AH,9)	20.0	-117.9	9.6	1.0	0.9	0.9	152.8	46.3
(KLIR, 70,100,H,H, P,3)	42.2	-120.3		-1.7		0.9	166.0	56.7
(KLIR, 70,100,H,H, P,6)	42.2	-114.7		1.6		0.9	163.7	54.4
(KLIR, 70,100,H,H, P,9)	42.2	-111.0		1.1		0.9	159.5	50.1
(KLIR, 70,100,H,H,AV,3)	42.2	-130.6		-1.7		0.9	176.3	66.9
(KLIR, 70,100,H,H,AV,6)	42.2	-121.0		1.6		0.9	170.0	60.7
(KLIR, 70,100,H,H,AV,9)	42.2	-114.9		1.1		0.9	163.4	54.0
(KLIR, 70,100,H,H,AH,3)	42.2	-123.6		-1.7		0.9	169.3	59.9
(KLIR, 70,100,H,H,AH,6)	42.2	-115.1		1.6		0.9	164.1	54.8
(KLIR, 70,100,H,H,AH,9)	42.2	-111.3		1.1		0.9	159.8	50.5

COLORADO PLAINS B= 50KM SITE 19

DATE 11-20-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-128.3	-2.6	-3.6	0.1	-0.0	146.0	53.5
(PLNS, 50, 20,V,V,AV,3)	24.0	-127.9	-2.6	-3.6	0.1	-0.0	145.6	53.1
(PLNS, 50, 20,V,V,AH,3)	24.0	-128.3	-2.6	-3.6	0.1	-0.0	146.0	53.5
(PLNS, 50, 50,V,V, P,1)	24.0	-141.9	-1.0	-3.3	1.2	0.2	160.2	59.8
(PLNS, 50, 50,V,V, P,3)	24.0	-130.9	-1.0	-1.8	1.2	0.2	150.7	50.3
(PLNS, 50, 50,V,V,AV,1)	24.0	-139.2	-1.0	-3.3	1.2	0.2	157.5	57.1
(PLNS, 50, 50,V,V,AV,3)	24.0	-133.8	-1.0	-1.8	1.2	0.2	153.6	53.1
(PLNS, 50, 50,V,V,AH,1)	24.0	-141.9	-1.0	-3.3	1.2	0.2	160.2	59.8
(PLNS, 50, 50,V,V,AH,3)	24.0	-130.9	-1.0	-1.8	1.2	0.2	150.7	50.3



COLORADO PLAINS B= 50KM SITE 19

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE 04-21-64
 BAROMETRIC PRESSURE 25.00
 CLOUD TYPE GD CIRRUS
 COVER PERCENT 10%
 ASSMAN WET 45.0 DRY 65.0

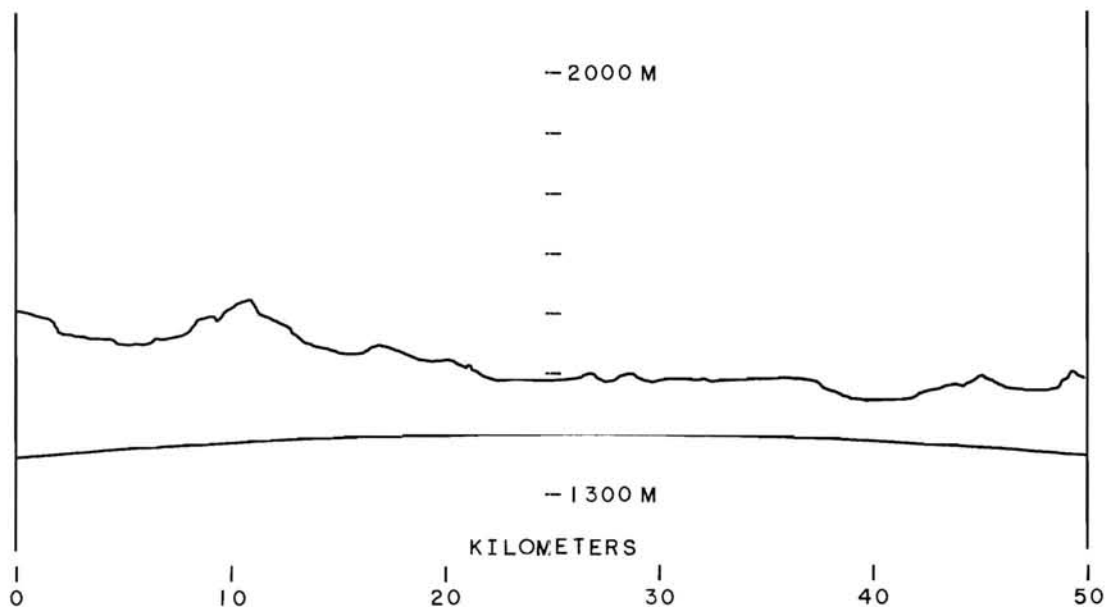
OPEN ROLLING FARMLAND, FEW TREES 20FT TO 40FT HIGH NEAR LINE OF SIGHT ABOUT 1/4MI TO SW.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-127.5	7.6	0.4	0.9	0.9	159.8	53.2
(PLNS, 50,100,V,V, P,6)	20.0	-129.2	7.6	-1.1	0.9	0.9	160.0	53.5
(PLNS, 50,100,V,V, P,9)	20.0	-120.3	7.6	-1.2	0.9	0.9	151.0	44.5
(PLNS, 50,100,V,V,AV,3)	20.0	-123.7	7.6	0.4	0.9	0.9	156.0	49.5
(PLNS, 50,100,V,V,AV,6)	20.0	-119.2	7.6	-1.1	0.9	0.9	150.0	43.4
(PLNS, 50,100,V,V,AV,9)	20.0	-116.7	7.6	-1.2	0.9	0.9	147.4	40.9
(PLNS, 50,100,V,V,AH,3)	20.0	-127.5	7.6	0.4	0.9	0.9	159.8	53.2
(PLNS, 50,100,V,V,AH,6)	20.0	-129.2	7.6	-1.1	0.9	0.9	160.0	53.5
(PLNS, 50,100,V,V,AH,9)	20.0	-120.3	7.6	-1.2	0.9	0.9	151.0	44.5
(PLNS, 50,100,H,V, P,3)	20.0	-144.5	9.6	-18.5	0.9	0.9	159.9	53.4
(PLNS, 50,100,H,V, P,6)	20.0	-141.4	9.6	-16.4	0.9	0.9	158.9	52.4
(PLNS, 50,100,H,V, P,9)	20.0	-138.4	9.6	-18.7	0.9	0.9	153.6	47.1
(PLNS, 50,100,H,V,AV,3)	20.0	-137.0	9.6	-18.5	0.9	0.9	152.4	45.9
(PLNS, 50,100,H,V,AV,6)	20.0	-135.3	9.6	-16.4	0.9	0.9	152.8	46.2
(PLNS, 50,100,H,V,AV,9)	20.0	-133.5	9.6	-18.7	0.9	0.9	148.7	42.1
(PLNS, 50,100,H,V,AH,3)	20.0	-144.5	9.6	-18.5	0.9	0.9	159.9	53.4
(PLNS, 50,100,H,V,AH,6)	20.0	-141.4	9.6	-16.4	0.9	0.9	158.9	52.4
(PLNS, 50,100,H,V,AH,9)	20.0	-138.4	9.6	-18.7	0.9	0.9	153.6	47.1
(PLNS, 50,100,V,H, P,3)	20.0	-136.3	7.6	-18.5	0.9	0.9	149.7	43.2
(PLNS, 50,100,V,H, P,6)	20.0	-125.4	7.6	-16.4	0.9	0.9	140.9	34.4
(PLNS, 50,100,V,H, P,9)	20.0	-112.5	7.6	-18.0	0.9	0.9	126.4	19.9
(PLNS, 50,100,V,H,AV,3)	20.0	-133.5	7.6	-18.5	0.9	0.9	146.9	40.3
(PLNS, 50,100,V,H,AV,6)	20.0	-129.0	7.6	-16.4	0.9	0.9	144.5	38.0
(PLNS, 50,100,V,H,AV,9)	20.0	-131.5	7.6	-18.0	0.9	0.9	145.4	38.9
(PLNS, 50,100,V,H,AH,3)	20.0	-136.3	7.6	-18.5	0.9	0.9	149.7	43.2
(PLNS, 50,100,V,H,AH,6)	20.0	-125.4	7.6	-16.4	0.9	0.9	140.9	34.4
(PLNS, 50,100,V,H,AH,9)	20.0	-112.5	7.6	-18.0	0.9	0.9	126.4	19.9
(PLNS, 50,100,H,H, P,3)	20.0	-121.7	9.6	-1.7	0.9	0.9	153.9	47.4
(PLNS, 50,100,H,H, P,6)	20.0	-114.4	9.6	1.4	0.9	0.9	149.7	43.2
(PLNS, 50,100,H,H, P,9)	20.0	-111.3	9.6	1.0	0.9	0.9	146.2	39.7
(PLNS, 50,100,H,H,AV,3)	20.0	-123.0	9.6	-1.7	0.9	0.9	155.2	48.7
(PLNS, 50,100,H,H,AV,6)	20.0	-115.8	9.6	1.4	0.9	0.9	151.1	44.6
(PLNS, 50,100,H,H,AV,9)	20.0	-118.1	9.6	1.0	0.9	0.9	153.0	46.5
(PLNS, 50,100,H,H,AH,3)	20.0	-121.7	9.6	-1.7	0.9	0.9	153.9	47.4
(PLNS, 50,100,H,H,AH,6)	20.0	-114.4	9.6	1.4	0.9	0.9	149.7	43.2
(PLNS, 50,100,H,H,AH,9)	20.0	-111.3	9.6	1.0	0.9	0.9	146.2	39.7
(KLIR, 68,100,H,H, P,3)	42.2	-111.7		-1.7		0.9	157.4	48.2
(KLIR, 68,100,H,H, P,6)	42.2	-105.4		1.6		0.9	154.4	45.2
(KLIR, 68,100,H,H, P,9)	42.2	-100.9		1.1		0.9	149.4	40.2
(KLIR, 68,100,H,H,AV,3)	42.2	-118.7		-1.7		0.9	164.4	55.3
(KLIR, 68,100,H,H,AV,6)	42.2	-110.2		1.6		0.9	159.2	50.0
(KLIR, 68,100,H,H,AV,9)	42.2	-105.5		1.1		0.9	154.0	44.9
(KLIR, 68,100,H,H,AH,3)	42.2	-111.7		-1.7		0.9	157.4	48.2
(KLIR, 68,100,H,H,AH,6)	42.2	-105.4		1.6		0.9	154.4	45.2
(KLIR, 68,100,H,H,AH,9)	42.2	-100.9		1.1		0.9	149.4	40.2

COLORADO PLAINS B= 50KM SITE 20

DATE 11-20-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-127.9	-2.4	1.2	0.1	-0.0	150.6	58.1
(PLNS, 50, 20,V,V,AV,3)	24.0	-125.0	-2.4	1.2	0.1	-0.0	147.7	55.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-126.5	-2.4	1.2	0.1	-0.0	149.2	56.8
(PLNS, 50, 50,V,V, P,1)	24.0	-141.8	-1.4	-3.3	1.2	0.2	159.7	59.2
(PLNS, 50, 50,V,V, P,3)	24.0	-132.2	-1.4	3.8	1.2	0.2	157.2	56.8
(PLNS, 50, 50,V,V,AV,1)	24.0	-143.0	-1.4	-3.3	1.2	0.2	160.9	60.4
(PLNS, 50, 50,V,V,AV,3)	24.0	-135.8	-1.4	3.8	1.2	0.2	160.8	60.3
(PLNS, 50, 50,V,V,AH,1)	24.0	-139.0	-1.4	-3.3	1.2	0.2	156.9	56.4
(PLNS, 50, 50,V,V,AH,3)	24.0	-131.6	-1.4	3.8	1.2	0.2	156.6	56.1



COLORADO PLAINS R= 50KM SITE 20

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER		ASSMAN	
			PERCENT	WET	WET	DRY
04-21-64	24.93	H2,L2	2%	42.0	42.0	56.0

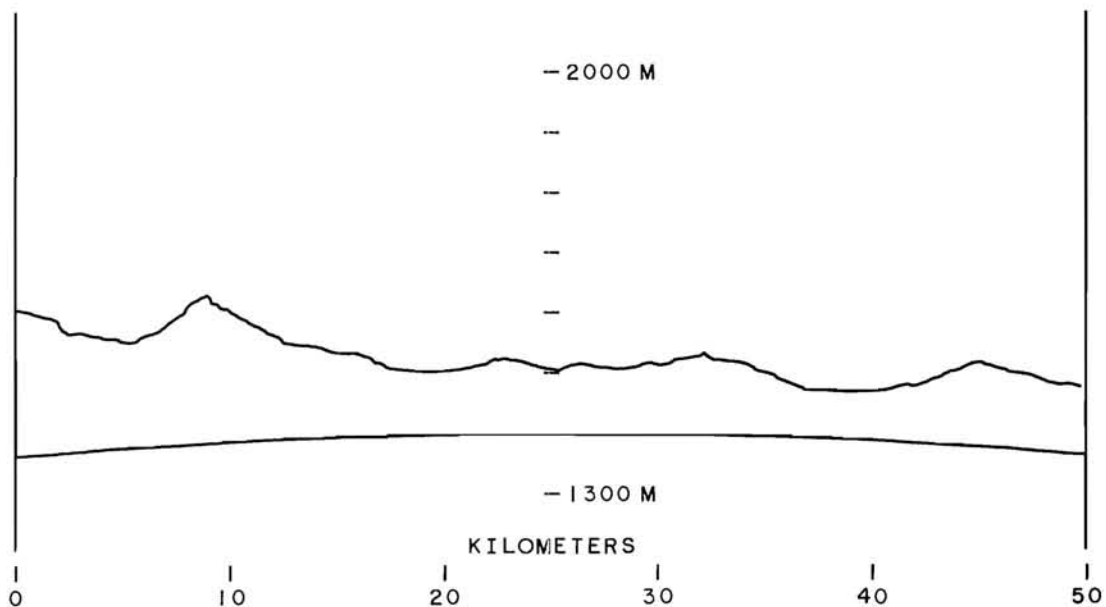
HORIZON IS BROW OF HILL TO WEST ABOUT 1/4MI. OPEN FARMLAND, NO OBSTRUCTIONS EXCEPT 2 PHONE LINES PARALLEL TO ROAD ON SOUTH SIDE.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-129.8	7.6	-0.1	0.9	0.9	161.6	55.0
(PLNS, 50,100,V,V, P,6)	20.0	-124.7	7.6	-0.5	0.9	0.9	156.1	49.6
(PLNS, 50,100,V,V, P,9)	20.0	-123.4	7.6	-1.4	0.9	0.9	153.9	47.3
(PLNS, 50,100,V,V,AV,3)	20.0	-125.4	7.6	-0.1	0.9	0.9	157.2	50.7
(PLNS, 50,100,V,V,AV,6)	20.0	-120.5	7.6	-0.5	0.9	0.9	151.9	45.3
(PLNS, 50,100,V,V,AV,9)	20.0	-117.9	7.6	-1.4	0.9	0.9	148.4	41.9
(PLNS, 50,100,V,V,AH,3)	20.0	-133.5	7.6	-0.1	0.9	0.9	165.3	58.7
(PLNS, 50,100,V,V,AH,6)	20.0	-129.4	7.6	-0.5	0.9	0.9	160.8	54.3
(PLNS, 50,100,V,V,AH,9)	20.0	-125.8	7.6	-1.4	0.9	0.9	156.3	49.7
(PLNS, 50,100,H,V, P,3)	20.0	-141.4	9.6	-23.5	0.9	0.9	151.8	45.3
(PLNS, 50,100,H,V, P,6)	20.0	-141.2	9.6	-21.2	0.9	0.9	153.9	47.3
(PLNS, 50,100,H,V, P,9)	20.0	-135.1	9.6	-23.0	0.9	0.9	146.0	39.4
(PLNS, 50,100,H,V,AV,3)	20.0	-147.2	9.6	-23.5	0.9	0.9	157.6	51.0
(PLNS, 50,100,H,V,AV,6)	20.0	-137.6	9.6	-21.2	0.9	0.9	150.3	43.8
(PLNS, 50,100,H,V,AV,9)	20.0	-132.5	9.6	-23.0	0.9	0.9	143.4	36.9
(PLNS, 50,100,H,V,AH,3)	20.0	-141.7	9.6	-23.5	0.9	0.9	152.1	45.6
(PLNS, 50,100,H,V,AH,6)	20.0	-137.8	9.6	-21.2	0.9	0.9	150.5	44.0
(PLNS, 50,100,H,V,AH,9)	20.0	-150.2	9.6	-23.0	0.9	0.9	161.1	54.5
(PLNS, 50,100,V,H, P,3)	20.0	-141.7	7.6	-22.1	0.9	0.9	151.5	45.0
(PLNS, 50,100,V,H, P,6)	20.0	-135.4	7.6	-16.0	0.9	0.9	151.3	44.8
(PLNS, 50,100,V,H, P,9)	20.0	-135.4	7.6	-16.6	0.9	0.9	150.7	44.2
(PLNS, 50,100,V,H,AV,3)	20.0	-139.9	7.6	-22.1	0.9	0.9	149.7	43.1
(PLNS, 50,100,V,H,AV,6)	20.0	-134.7	7.6	-16.0	0.9	0.9	150.6	44.1
(PLNS, 50,100,V,H,AV,9)	20.0	-129.2	7.6	-16.6	0.9	0.9	144.5	38.0
(PLNS, 50,100,V,H,AH,3)	20.0	-143.0	7.6	-22.1	0.9	0.9	152.8	46.3
(PLNS, 50,100,V,H,AH,6)	20.0	-135.4	7.6	-16.0	0.9	0.9	151.3	44.8
(PLNS, 50,100,V,H,AH,9)	20.0	-133.1	7.6	-16.6	0.9	0.9	148.4	41.9
(PLNS, 50,100,H,H, P,3)	20.0	-129.4	9.6	-0.5	0.9	0.9	162.8	56.3
(PLNS, 50,100,H,H, P,6)	20.0	-123.9	9.6	1.2	0.9	0.9	159.0	52.5
(PLNS, 50,100,H,H, P,9)	20.0	-120.5	9.6	1.0	0.9	0.9	155.4	48.8
(PLNS, 50,100,H,H,AV,3)	20.0	-128.7	9.6	-0.5	0.9	0.9	162.1	55.6
(PLNS, 50,100,H,H,AV,6)	20.0	-121.7	9.6	1.2	0.9	0.9	156.8	50.3
(PLNS, 50,100,H,H,AV,9)	20.0	-118.7	9.6	1.0	0.9	0.9	153.6	47.1
(PLNS, 50,100,H,H,AH,3)	20.0	-127.5	9.6	-0.5	0.9	0.9	160.9	54.3
(PLNS, 50,100,H,H,AH,6)	20.0	-122.7	9.6	1.2	0.9	0.9	157.8	51.3
(PLNS, 50,100,H,H,AH,9)	20.0	-118.9	9.6	1.0	0.9	0.9	153.8	47.3
(KLIR, 66,100,H,H, P,3)	42.2	-114.7		0.6		0.9	162.7	53.9
(KLIR, 66,100,H,H, P,6)	42.2	-107.5		1.1		0.9	156.0	47.2
(KLIR, 66,100,H,H, P,9)	42.2	-103.7		0.7		0.9	151.8	43.0
(KLIR, 66,100,H,H,AV,3)	42.2	-114.1		0.6		0.9	162.1	53.3
(KLIR, 66,100,H,H,AV,6)	42.2	-110.8		1.1		0.9	159.3	50.5
(KLIR, 66,100,H,H,AV,9)	42.2	-107.5		0.7		0.9	155.6	46.8
(KLIR, 66,100,H,H,AH,3)	42.2	-112.8		0.6		0.9	160.8	52.0
(KLIR, 66,100,H,H,AH,6)	42.2	-104.7		1.1		0.9	153.2	44.4
(KLIR, 66,100,H,H,AH,9)	42.2	-101.7		0.7		0.9	149.8	41.0

COLORADO PLAINS B= 50KM SITE 21

DATE 11-20-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-127.5	-1.8	-3.6	0.1	-0.0	146.0	53.6
(PLNS, 50, 20,V,V,AV,3)	24.0	-130.2	-1.8	-3.6	0.1	-0.0	148.7	56.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-127.5	-1.8	-3.6	0.1	-0.0	146.0	53.6
(PLNS, 50, 50,V,V, P,1)	24.0	-141.2	-1.8	-1.2	1.2	0.2	160.8	60.4
(PLNS, 50, 50,V,V, P,3)	24.0	-133.8	-1.8	-1.0	1.2	0.2	153.6	53.1
(PLNS, 50, 50,V,V,AV,1)	24.0	-141.0	-1.8	-1.2	1.2	0.2	160.6	60.2
(PLNS, 50, 50,V,V,AV,3)	24.0	-137.5	-1.8	-1.0	1.2	0.2	157.3	56.9
(PLNS, 50, 50,V,V,AH,1)	24.0	-141.2	-1.8	-1.2	1.2	0.2	160.8	60.4
(PLNS, 50, 50,V,V,AH,3)	24.0	-133.8	-1.8	-1.0	1.2	0.2	153.6	53.1



COLORADO PLAINS R= 50KM SITF 21

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-20-64	24.82	M2,L9	100%	41.0	49.5

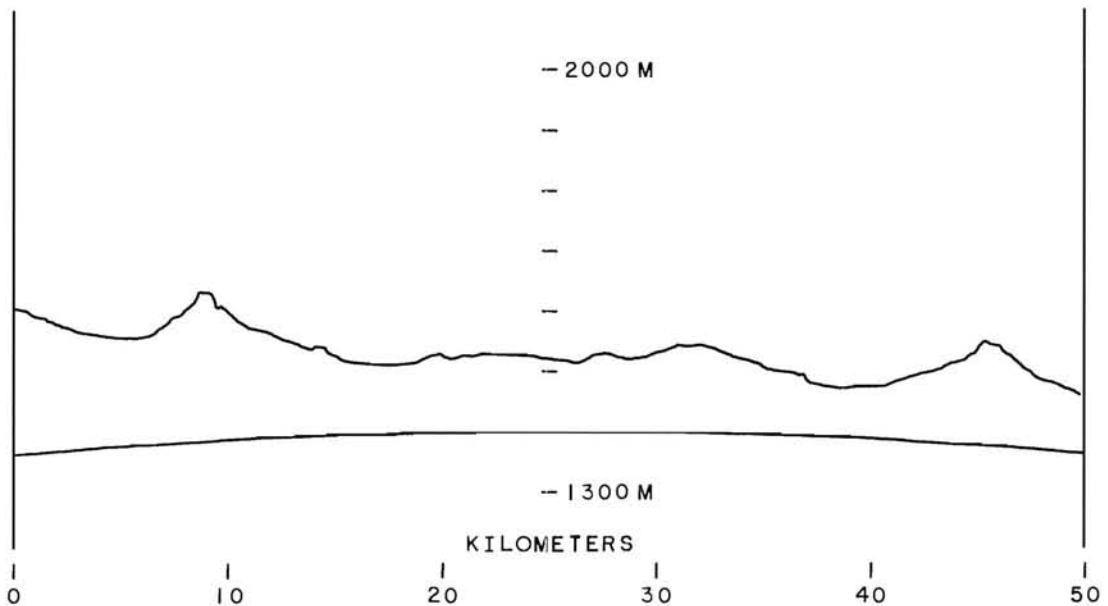
SITE IS FARMLAND WITH LOW TREES 1/4MI TO SW AND LOW HILL HORIZON 1MI TO SW IN PATH LINE OF SIGHT.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-131.0	7.6	0.4	0.9	0.9	163.3	56.8
(PLNS, 50,100,V,V, P,6)	20.0	-125.9	7.6	-1.1	0.9	0.9	156.7	50.1
(PLNS, 50,100,V,V, P,9)	20.0	-121.3	7.6	-1.2	0.9	0.9	152.0	45.5
(PLNS, 50,100,V,V,AV,3)	20.0	-123.4	7.6	0.4	0.9	0.9	155.7	49.1
(PLNS, 50,100,V,V,AV,6)	20.0	-119.3	7.6	-1.1	0.9	0.9	150.1	43.5
(PLNS, 50,100,V,V,AV,9)	20.0	-117.0	7.6	-1.2	0.9	0.9	147.7	41.2
(PLNS, 50,100,V,V,AH,3)	20.0	-131.0	7.6	0.4	0.9	0.9	163.3	56.8
(PLNS, 50,100,V,V,AH,6)	20.0	-125.9	7.6	-1.1	0.9	0.9	156.7	50.1
(PLNS, 50,100,V,V,AH,9)	20.0	-121.3	7.6	-1.2	0.9	0.9	152.0	45.5
(PLNS, 50,100,H,V, P,3)	20.0	-124.3	9.6	-21.0	0.9	0.9	137.2	30.7
(PLNS, 50,100,H,V, P,6)	20.0	-124.3	9.6	-15.8	0.9	0.9	142.4	35.9
(PLNS, 50,100,H,V, P,9)	20.0	-124.3	9.6	-18.8	0.9	0.9	139.4	32.9
(PLNS, 50,100,H,V,AV,3)	20.0	-125.6	9.6	-21.0	0.9	0.9	138.5	32.0
(PLNS, 50,100,H,V,AV,6)	20.0	-125.6	9.6	-15.8	0.9	0.9	143.7	37.2
(PLNS, 50,100,H,V,AV,9)	20.0	-125.6	9.6	-18.8	0.9	0.9	140.7	34.2
(PLNS, 50,100,H,V,AH,3)	20.0	-124.3	9.6	-21.0	0.9	0.9	137.2	30.7
(PLNS, 50,100,H,V,AH,6)	20.0	-124.3	9.6	-15.8	0.9	0.9	142.4	35.9
(PLNS, 50,100,H,V,AH,9)	20.0	-124.3	9.6	-18.8	0.9	0.9	139.4	32.9
(PLNS, 50,100,V,H, P,3)	20.0	-143.7	7.6	-18.5	0.9	0.9	157.1	50.6
(PLNS, 50,100,V,H, P,6)	20.0	-138.3	7.6	-16.4	0.9	0.9	153.8	47.3
(PLNS, 50,100,V,H, P,9)	20.0	-135.4	7.6	-18.0	0.9	0.9	149.3	42.8
(PLNS, 50,100,V,H,AV,3)	20.0	-119.2	7.6	-18.5	0.9	0.9	132.6	26.0
(PLNS, 50,100,V,H,AV,6)	20.0	-135.4	7.6	-16.4	0.9	0.9	150.9	44.4
(PLNS, 50,100,V,H,AV,9)	20.0	-133.9	7.6	-18.0	0.9	0.9	147.8	41.3
(PLNS, 50,100,V,H,AH,3)	20.0	-143.7	7.6	-18.5	0.9	0.9	157.1	50.6
(PLNS, 50,100,V,H,AH,6)	20.0	-138.3	7.6	-16.4	0.9	0.9	153.8	47.3
(PLNS, 50,100,V,H,AH,9)	20.0	-135.4	7.6	-18.0	0.9	0.9	149.3	42.8
(PLNS, 50,100,H,H, P,3)	20.0	-126.7	9.6	-1.5	0.9	0.9	161.1	54.6
(PLNS, 50,100,H,H, P,6)	20.0	-121.7	9.6	1.3	0.9	0.9	156.9	50.4
(PLNS, 50,100,H,H, P,9)	20.0	-118.2	9.6	0.9	0.9	0.9	153.0	46.5
(PLNS, 50,100,H,H,AV,3)	20.0	-129.0	9.6	-1.5	0.9	0.9	161.4	54.9
(PLNS, 50,100,H,H,AV,6)	20.0	-121.7	9.6	1.3	0.9	0.9	156.9	50.4
(PLNS, 50,100,H,H,AV,9)	20.0	-117.9	9.6	0.9	0.9	0.9	152.7	46.2
(PLNS, 50,100,H,H,AH,3)	20.0	-128.7	9.6	-1.5	0.9	0.9	161.1	54.6
(PLNS, 50,100,H,H,AH,6)	20.0	-121.7	9.6	1.3	0.9	0.9	156.9	50.4
(PLNS, 50,100,H,H,AH,9)	20.0	-118.2	9.6	0.9	0.9	0.9	153.0	46.5
(KLIR, 62,100,H,H, P,3)	42.2	-104.1		-1.9		0.9	149.6	41.3
(KLIR, 62,100,H,H, P,6)	42.2	-96.7		1.6		0.9	145.7	37.4
(KLIR, 62,100,H,H, P,9)	42.2	-92.9		1.1		0.9	141.4	33.1
(KLIR, 62,100,H,H,AV,3)	42.2	-103.9		-1.9		0.9	149.4	41.1
(KLIR, 62,100,H,H,AV,6)	42.2	-95.1		1.6		0.9	144.1	35.8
(KLIR, 62,100,H,H,AV,9)	42.2	-91.9		1.1		0.9	140.4	32.1
(KLIR, 62,100,H,H,AH,3)	42.2	-104.1		-1.9		0.9	149.6	41.3
(KLIR, 62,100,H,H,AH,6)	42.2	-96.7		1.6		0.9	145.7	37.4
(KLIR, 62,100,H,H,AH,9)	42.2	-92.9		1.1		0.9	141.4	33.1

COLORADO PLAINS B= 50KM SITE 22

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-128.5	-1.2	1.5	0.1	-0.0	152.7	60.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-128.5	-1.2	1.5	0.1	-0.0	152.7	60.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-128.5	-1.2	1.5	0.1	-0.0	152.7	60.3
(PLNS, 50, 50,V,V, P,1)	24.0	-148.5	-2.0	-3.7	1.2	0.2	165.4	64.9
(PLNS, 50, 50,V,V, P,3)	24.0	-139.0	-2.0	5.2	1.2	0.2	164.8	64.4
(PLNS, 50, 50,V,V,AV,1)	24.0	-148.5	-2.0	-3.7	1.2	0.2	165.4	64.9
(PLNS, 50, 50,V,V,AV,3)	24.0	-139.0	-2.0	5.2	1.2	0.2	164.8	64.4
(PLNS, 50, 50,V,V,AH,1)	24.0	-148.5	-2.0	-3.7	1.2	0.2	165.4	64.9
(PLNS, 50, 50,V,V,AH,3)	24.0	-139.0	-2.0	5.2	1.2	0.2	164.8	64.4



COLORADO PLAINS R= 50KM SIF 22

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
04-20-64	24.87	M2,L9	100%	41.5	49.5

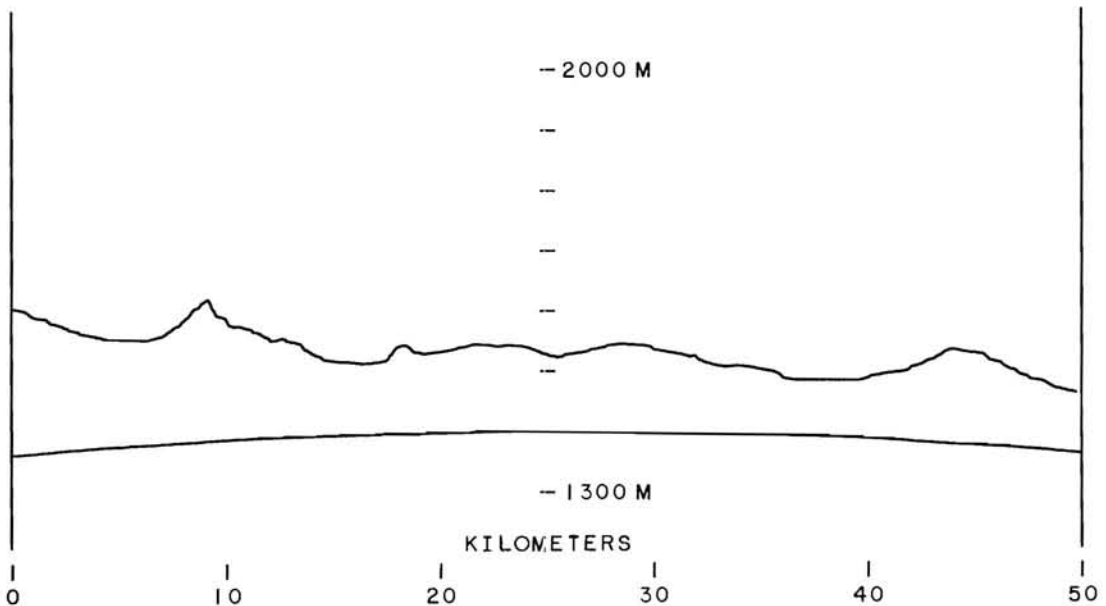
AREA OPEN FARMLAND. LOW HILL HORIZON 3/4MI TO SW. NO OBSTRUCTION BY BUILDINGS OR TREES.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-131.0	7.6	0.6	0.9	0.9	163.5	56.9
(PLNS, 50,100,V,V, P,6)	20.0	-129.4	7.6	-0.4	0.9	0.9	160.9	54.4
(PLNS, 50,100,V,V, P,9)	20.0	-125.9	7.6	-1.2	0.9	0.9	156.6	50.0
(PLNS, 50,100,V,V,AV,3)	20.0	-131.0	7.6	0.6	0.9	0.9	163.5	56.9
(PLNS, 50,100,V,V,AV,6)	20.0	-129.4	7.6	-0.4	0.9	0.9	160.9	54.4
(PLNS, 50,100,V,V,AV,9)	20.0	-125.9	7.6	-1.2	0.9	0.9	156.6	50.0
(PLNS, 50,100,V,V,AH,3)	20.0	-131.0	7.6	0.6	0.9	0.9	163.5	56.9
(PLNS, 50,100,V,V,AH,6)	20.0	-129.4	7.6	-0.4	0.9	0.9	160.9	54.4
(PLNS, 50,100,V,V,AH,9)	20.0	-125.9	7.6	-1.2	0.9	0.9	156.6	50.0
(PLNS, 50,100,H,V, P,3)	20.0	-143.7	9.6	-19.8	0.9	0.9	157.8	51.3
(PLNS, 50,100,H,V, P,6)	20.0	-143.7	9.6	-18.6	0.9	0.9	159.0	52.5
(PLNS, 50,100,H,V, P,9)	20.0	-143.7	9.6	-20.5	0.9	0.9	157.1	50.6
(PLNS, 50,100,H,V,AV,3)	20.0	-143.7	9.6	-19.8	0.9	0.9	157.8	51.3
(PLNS, 50,100,H,V,AV,6)	20.0	-143.7	9.6	-18.6	0.9	0.9	159.0	52.5
(PLNS, 50,100,H,V,AV,9)	20.0	-143.7	9.6	-20.5	0.9	0.9	157.1	50.6
(PLNS, 50,100,H,V,AH,3)	20.0	-143.7	9.6	-19.8	0.9	0.9	157.8	51.3
(PLNS, 50,100,H,V,AH,6)	20.0	-143.7	9.6	-18.6	0.9	0.9	159.0	52.5
(PLNS, 50,100,H,V,AH,9)	20.0	-143.7	9.6	-20.5	0.9	0.9	157.1	50.6
(PLNS, 50,100,V,H, P,3)	20.0	-140.0	7.6	-23.0	0.9	0.9	148.9	42.3
(PLNS, 50,100,V,H, P,6)	20.0	-138.2	7.6	-16.0	0.9	0.9	154.1	47.6
(PLNS, 50,100,V,H, P,9)	20.0	-136.6	7.6	-16.5	0.9	0.9	152.0	45.4
(PLNS, 50,100,V,H,AV,3)	20.0	-140.0	7.6	-23.0	0.9	0.9	148.9	42.3
(PLNS, 50,100,V,H,AV,6)	20.0	-138.2	7.6	-16.0	0.9	0.9	154.1	47.6
(PLNS, 50,100,V,H,AV,9)	20.0	-136.6	7.6	-16.5	0.9	0.9	152.0	45.4
(PLNS, 50,100,V,H,AH,3)	20.0	-140.0	7.6	-23.0	0.9	0.9	148.9	42.3
(PLNS, 50,100,V,H,AH,6)	20.0	-138.2	7.6	-16.0	0.9	0.9	154.1	47.6
(PLNS, 50,100,V,H,AH,9)	20.0	-136.6	7.6	-16.5	0.9	0.9	152.0	45.4
(PLNS, 50,100,H,H, P,3)	20.0	-134.1	9.6	-0.4	0.9	0.9	167.6	61.0
(PLNS, 50,100,H,H, P,6)	20.0	-128.1	9.6	1.3	0.9	0.9	163.3	56.7
(PLNS, 50,100,H,H, P,9)	20.0	-123.9	9.6	1.1	0.9	0.9	158.9	52.4
(PLNS, 50,100,H,H,AV,3)	20.0	-134.1	9.6	-0.4	0.9	0.9	167.6	61.0
(PLNS, 50,100,H,H,AV,6)	20.0	-128.1	9.6	1.3	0.9	0.9	163.3	56.7
(PLNS, 50,100,H,H,AV,9)	20.0	-123.9	9.6	1.1	0.9	0.9	158.9	52.4
(PLNS, 50,100,H,H,AH,3)	20.0	-134.1	9.6	-0.4	0.9	0.9	167.6	61.0
(PLNS, 50,100,H,H,AH,6)	20.0	-128.1	9.6	1.3	0.9	0.9	163.3	56.7
(PLNS, 50,100,H,H,AH,9)	20.0	-123.9	9.6	1.1	0.9	0.9	158.9	52.4
(KLIR, 59,100,H,H, P,3)	42.2	-109.0		0.6		0.9	157.0	49.2
(KLIR, 59,100,H,H, P,6)	42.2	-102.7		1.1		0.9	151.2	43.3
(KLIR, 59,100,H,H, P,9)	42.2	-98.9		0.7		0.9	147.0	39.1
(KLIR, 59,100,H,H,AV,3)	42.2	-109.0		0.6		0.9	157.0	49.2
(KLIR, 59,100,H,H,AV,6)	42.2	-102.7		1.1		0.9	151.2	43.3
(KLIR, 59,100,H,H,AV,9)	42.2	-98.9		0.7		0.9	147.0	39.1
(KLIR, 59,100,H,H,AH,3)	42.2	-109.0		0.6		0.9	157.0	49.2
(KLIR, 59,100,H,H,AH,6)	42.2	-102.7		1.1		0.9	151.2	43.3
(KLIR, 59,100,H,H,AH,9)	42.2	-98.9		0.7		0.9	147.0	39.1

COLORADO PLAINS R= 50KM SITE 23

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-126.0	-0.8	1.6	0.1	-0.0	150.7	58.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-126.0	-0.8	1.6	0.1	-0.0	150.7	58.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-125.6	-0.8	1.6	0.1	-0.0	150.3	57.9
(PLNS, 50, 50,V,V, P,1)	24.0	-145.0	-2.2	-3.8	1.2	0.2	161.6	61.2
(PLNS, 50, 50,V,V, P,3)	24.0	-133.2	-2.2	5.6	1.2	0.2	159.2	58.8
(PLNS, 50, 50,V,V,AV,1)	24.0	-145.0	-2.2	-3.8	1.2	0.2	161.6	61.2
(PLNS, 50, 50,V,V,AV,3)	24.0	-133.2	-2.2	5.6	1.2	0.2	159.2	58.8
(PLNS, 50, 50,V,V,AH,1)	24.0	-148.0	-2.2	-3.8	1.2	0.2	164.6	64.2
(PLNS, 50, 50,V,V,AH,3)	24.0	-135.2	-2.2	5.6	1.2	0.2	161.2	60.8



COLORADO PLAINS R= 50KM SITE 23

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-20-64	24.87	M2,L9	100%	40.5	47.0

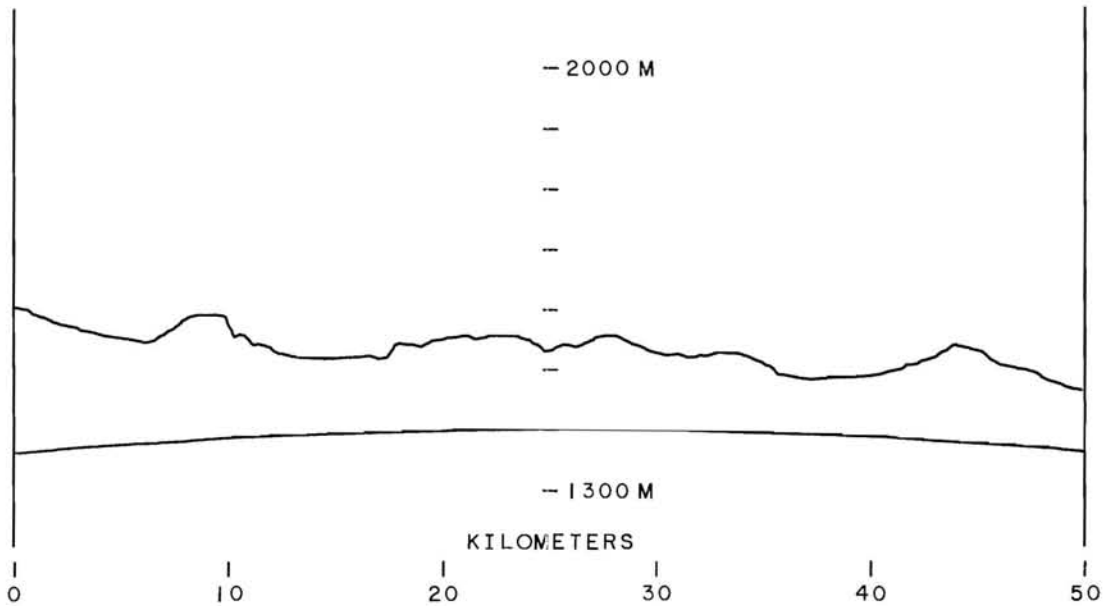
FLAT FARMLAND, LOW TREE LINE 1/2MI SW IN PATH LINE OF SIGHT. OVERHEAD
POWER LINES ON SOUTH SIDE OF ROAD, ABOUT 30FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-134.1	7.6	0.8	0.9	0.9	166.8	60.2
(PLNS, 50,100,V,V, P,6)	20.0	-130.8	7.6	-0.4	0.9	0.9	162.3	55.7
(PLNS, 50,100,V,V, P,9)	20.0	-127.6	7.6	-1.2	0.9	0.9	158.3	51.8
(PLNS, 50,100,V,V,AV,3)	20.0	-134.1	7.6	0.8	0.9	0.9	166.8	60.2
(PLNS, 50,100,V,V,AV,6)	20.0	-130.8	7.6	-0.4	0.9	0.9	162.3	55.7
(PLNS, 50,100,V,V,AV,9)	20.0	-127.6	7.6	-1.2	0.9	0.9	158.3	51.8
(PLNS, 50,100,V,V,AH,3)	20.0	-133.8	7.6	0.8	0.9	0.9	166.5	59.9
(PLNS, 50,100,V,V,AH,6)	20.0	-129.8	7.6	-0.4	0.9	0.9	161.3	54.7
(PLNS, 50,100,V,V,AH,9)	20.0	-127.8	7.6	-1.2	0.9	0.9	158.5	51.9
(PLNS, 50,100,H,V, P,3)	20.0	-140.7	9.6	-18.6	0.9	0.9	156.0	49.5
(PLNS, 50,100,H,V, P,6)	20.0	-142.7	9.6	-17.8	0.9	0.9	158.8	52.3
(PLNS, 50,100,H,V, P,9)	20.0	-142.7	9.6	-20.1	0.9	0.9	156.5	50.0
(PLNS, 50,100,H,V,AV,3)	20.0	-140.7	9.6	-18.6	0.9	0.9	156.0	49.5
(PLNS, 50,100,H,V,AV,6)	20.0	-142.7	9.6	-17.8	0.9	0.9	158.8	52.3
(PLNS, 50,100,H,V,AV,9)	20.0	-142.7	9.6	-20.1	0.9	0.9	156.5	50.0
(PLNS, 50,100,H,V,AH,3)	20.0	-120.3	9.6	-18.6	0.9	0.9	135.6	29.1
(PLNS, 50,100,H,V,AH,6)	20.0	-120.3	9.6	-17.8	0.9	0.9	136.4	29.9
(PLNS, 50,100,H,V,AH,9)	20.0	-120.3	9.6	-20.1	0.9	0.9	134.1	27.6
(PLNS, 50,100,V,H, P,3)	20.0	-139.9	7.6	-22.5	0.9	0.9	149.3	42.7
(PLNS, 50,100,V,H, P,6)	20.0	-135.4	7.6	-16.0	0.9	0.9	151.3	44.8
(PLNS, 50,100,V,H, P,9)	20.0	-133.2	7.6	-16.5	0.9	0.9	148.6	42.1
(PLNS, 50,100,V,H,AV,3)	20.0	-139.9	7.6	-22.5	0.9	0.9	149.3	42.7
(PLNS, 50,100,V,H,AV,6)	20.0	-135.4	7.6	-16.0	0.9	0.9	151.3	44.8
(PLNS, 50,100,V,H,AV,9)	20.0	-133.2	7.6	-16.5	0.9	0.9	148.6	42.1
(PLNS, 50,100,V,H,AH,3)	20.0	-143.4	7.6	-22.5	0.9	0.9	152.8	46.2
(PLNS, 50,100,V,H,AH,6)	20.0	-135.4	7.6	-16.0	0.9	0.9	151.3	44.8
(PLNS, 50,100,V,H,AH,9)	20.0	-131.7	7.6	-16.5	0.9	0.9	147.1	40.5
(PLNS, 50,100,H,H, P,3)	20.0	-139.5	9.6	-0.4	0.9	0.9	173.0	66.5
(PLNS, 50,100,H,H, P,6)	20.0	-131.2	9.6	1.4	0.9	0.9	166.5	60.0
(PLNS, 50,100,H,H, P,9)	20.0	-126.1	9.6	1.2	0.9	0.9	161.2	54.7
(PLNS, 50,100,H,H,AV,3)	20.0	-139.5	9.6	-0.4	0.9	0.9	173.0	66.5
(PLNS, 50,100,H,H,AV,6)	20.0	-131.2	9.6	1.4	0.9	0.9	166.5	60.0
(PLNS, 50,100,H,H,AV,9)	20.0	-126.1	9.6	1.2	0.9	0.9	161.2	54.7
(PLNS, 50,100,H,H,AH,3)	20.0	-118.5	9.6	-0.4	0.9	0.9	152.0	45.5
(PLNS, 50,100,H,H,AH,6)	20.0	-130.8	9.6	1.4	0.9	0.9	166.1	59.5
(PLNS, 50,100,H,H,AH,9)	20.0	-125.6	9.6	1.2	0.9	0.9	160.7	54.2
(KLIR, 57,100,H,H, P,3)	42.2	-109.0		0.6		0.9	157.0	49.5
(KLIR, 57,100,H,H, P,6)	42.2	-103.7		1.1		0.9	152.2	44.7
(KLIR, 57,100,H,H, P,9)	42.2	-100.7		0.7		0.9	148.8	41.3
(KLIR, 57,100,H,H,AV,3)	42.2	-109.0		0.6		0.9	157.0	49.5
(KLIR, 57,100,H,H,AV,6)	42.2	-103.7		1.1		0.9	152.2	44.7
(KLIR, 57,100,H,H,AV,9)	42.2	-100.7		0.7		0.9	148.8	41.3
(KLIR, 57,100,H,H,AH,3)	42.2	-106.4		0.6		0.9	154.4	46.8
(KLIR, 57,100,H,H,AH,6)	42.2	-101.7		1.1		0.9	150.2	42.7
(KLIR, 57,100,H,H,AH,9)	42.2	-98.4		0.7		0.9	146.5	39.0

COLORADO PLAINS B= 50KM SITE 24

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-124.2	-0.8	1.6	0.1	-0.0	148.9	56.4
(PLNS, 50, 20,V,V,AV,3)	24.0	-124.2	-0.8	1.6	0.1	-0.0	148.9	56.4
(PLNS, 50, 20,V,V,AH,3)	24.0	-124.2	-0.8	1.6	0.1	-0.0	148.9	56.4
(PLNS, 50, 50,V,V, P,1)	24.0	-145.5	-2.2	-3.8	1.2	0.2	162.1	61.7
(PLNS, 50, 50,V,V, P,3)	24.0	-135.9	-2.2	5.8	1.2	0.2	162.1	61.6
(PLNS, 50, 50,V,V,AV,1)	24.0	-145.5	-2.2	-3.8	1.2	0.2	162.1	61.7
(PLNS, 50, 50,V,V,AV,3)	24.0	-135.9	-2.2	5.8	1.2	0.2	162.1	61.6
(PLNS, 50, 50,V,V,AH,1)	24.0	-145.5	-2.2	-3.8	1.2	0.2	162.1	61.7
(PLNS, 50, 50,V,V,AH,3)	24.0	-135.9	-2.2	5.8	1.2	0.2	162.1	61.6



COLORADO PLAINS B= 50KM SITE 24

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
04-20-64	24.85	M2,L9	100%	40.5	46.0

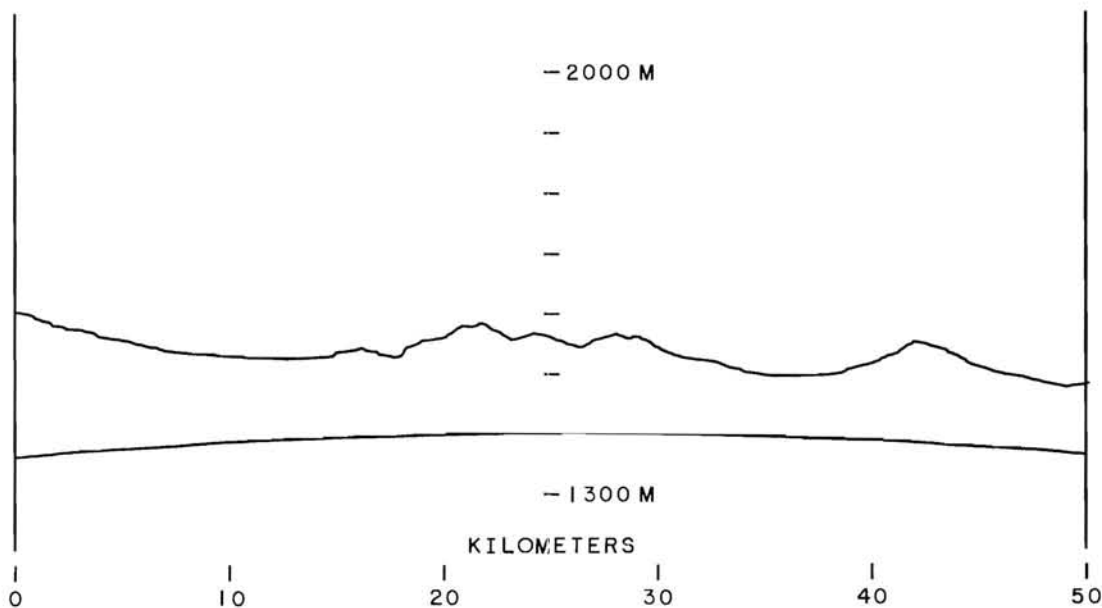
POWER LINES AT ROAD INTERSECTION 300FT TO WEST IN PATH. OPEN FARM-LAND, FLAT, NO TREES IN PATH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-135.1	7.6	0.8	0.9	0.9	167.8	61.2
(PLNS, 50,100,V,V, P,6)	20.0	-130.4	7.6	-0.4	0.9	0.9	161.9	55.3
(PLNS, 50,100,V,V, P,9)	20.0	-128.1	7.6	-1.2	0.9	0.9	158.8	52.2
(PLNS, 50,100,V,V,AV,3)	20.0	-135.1	7.6	0.8	0.9	0.9	167.8	61.2
(PLNS, 50,100,V,V,AV,6)	20.0	-130.4	7.6	-0.4	0.9	0.9	161.9	55.3
(PLNS, 50,100,V,V,AV,9)	20.0	-128.1	7.6	-1.2	0.9	0.9	158.8	52.2
(PLNS, 50,100,V,V,AH,3)	20.0	-135.1	7.6	0.8	0.9	0.9	167.8	61.2
(PLNS, 50,100,V,V,AH,6)	20.0	-130.4	7.6	-0.4	0.9	0.9	161.9	55.3
(PLNS, 50,100,V,V,AH,9)	20.0	-128.1	7.6	-1.2	0.9	0.9	158.8	52.2
(PLNS, 50,100,H,V, P,3)	20.0	-141.9	9.6	-18.4	0.9	0.9	157.4	50.9
(PLNS, 50,100,H,V, P,6)	20.0	-141.9	9.6	-17.5	0.9	0.9	158.3	51.8
(PLNS, 50,100,H,V, P,9)	20.0	-141.9	9.6	-20.0	0.9	0.9	155.8	49.3
(PLNS, 50,100,H,V,AV,3)	20.0	-141.9	9.6	-18.4	0.9	0.9	157.4	50.9
(PLNS, 50,100,H,V,AV,6)	20.0	-141.9	9.6	-17.5	0.9	0.9	158.3	51.8
(PLNS, 50,100,H,V,AV,9)	20.0	-141.9	9.6	-20.0	0.9	0.9	155.8	49.3
(PLNS, 50,100,H,V,AH,3)	20.0	-141.9	9.6	-18.4	0.9	0.9	157.4	50.9
(PLNS, 50,100,H,V,AH,6)	20.0	-141.9	9.6	-17.5	0.9	0.9	158.3	51.8
(PLNS, 50,100,H,V,AH,9)	20.0	-141.9	9.6	-20.0	0.9	0.9	155.8	49.3
(PLNS, 50,100,V,H, P,3)	20.0	-143.0	7.6	-22.4	0.9	0.9	152.5	46.0
(PLNS, 50,100,V,H, P,6)	20.0	-137.0	7.6	-16.0	0.9	0.9	152.9	46.4
(PLNS, 50,100,V,H, P,9)	20.0	-138.9	7.6	-16.5	0.9	0.9	154.3	47.8
(PLNS, 50,100,V,H,AV,3)	20.0	-143.0	7.6	-22.4	0.9	0.9	152.5	46.0
(PLNS, 50,100,V,H,AV,6)	20.0	-137.0	7.6	-16.0	0.9	0.9	152.9	46.4
(PLNS, 50,100,V,H,AV,9)	20.0	-138.9	7.6	-16.5	0.9	0.9	154.3	47.8
(PLNS, 50,100,V,H,AH,3)	20.0	-143.0	7.6	-22.4	0.9	0.9	152.5	46.0
(PLNS, 50,100,V,H,AH,6)	20.0	-137.0	7.6	-16.0	0.9	0.9	152.9	46.4
(PLNS, 50,100,V,H,AH,9)	20.0	-138.9	7.6	-16.5	0.9	0.9	154.3	47.8
(PLNS, 50,100,H,H, P,3)	20.0	-135.4	9.6	-0.4	0.9	0.9	168.9	62.4
(PLNS, 50,100,H,H, P,6)	20.0	-129.4	9.6	1.4	0.9	0.9	164.7	58.2
(PLNS, 50,100,H,H, P,9)	20.0	-126.5	9.6	1.2	0.9	0.9	161.6	55.1
(PLNS, 50,100,H,H,AV,3)	20.0	-135.4	9.6	-0.4	0.9	0.9	168.9	62.4
(PLNS, 50,100,H,H,AV,6)	20.0	-129.4	9.6	1.4	0.9	0.9	164.7	58.2
(PLNS, 50,100,H,H,AV,9)	20.0	-126.5	9.6	1.2	0.9	0.9	161.6	55.1
(PLNS, 50,100,H,H,AH,3)	20.0	-135.4	9.6	-0.4	0.9	0.9	168.9	62.4
(PLNS, 50,100,H,H,AH,6)	20.0	-129.4	9.6	1.4	0.9	0.9	164.7	58.2
(PLNS, 50,100,H,H,AH,9)	20.0	-126.5	9.6	1.2	0.9	0.9	161.6	55.1
(KLIR, 55,100,H,H, P,3)	42.2	-107.2		0.6		0.9	155.2	47.9
(KLIR, 55,100,H,H, P,6)	42.2	-103.9		1.1		0.9	152.4	45.2
(KLIR, 55,100,H,H, P,9)	42.2	-101.2		0.7		0.9	149.3	42.0
(KLIR, 55,100,H,H,AV,3)	42.2	-107.2		0.6		0.9	155.2	47.9
(KLIR, 55,100,H,H,AV,6)	42.2	-103.9		1.1		0.9	152.4	45.2
(KLIR, 55,100,H,H,AV,9)	42.2	-101.2		0.7		0.9	149.3	42.0
(KLIR, 55,100,H,H,AH,3)	42.2	-107.2		0.6		0.9	155.2	47.9
(KLIR, 55,100,H,H,AH,6)	42.2	-103.9		1.1		0.9	152.4	45.2
(KLIR, 55,100,H,H,AH,9)	42.2	-101.2		0.7		0.9	149.3	42.0

COLORADO PLAINS B= 50KM SITE 25

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-129.6	-0.7	-2.7	0.1	-0.0	150.3	57.8
(PLNS, 50, 20,V,V,AV,3)	24.0	-129.5	-0.7	-2.7	0.1	-0.0	150.0	57.6
(PLNS, 50, 20,V,V,AH,3)	24.0	-129.8	-0.7	-2.7	0.1	-0.0	150.3	57.8
(PLNS, 50, 50,V,V, P,1)	24.0	-139.7	-2.2	-2.5	1.2	0.2	157.6	57.1
(PLNS, 50, 50,V,V, P,3)	24.0	-133.8	-2.2	-3.8	1.2	0.2	150.4	49.9
(PLNS, 50, 50,V,V,AV,1)	24.0	-140.2	-2.2	-2.5	1.2	0.2	158.1	57.6
(PLNS, 50, 50,V,V,AV,3)	24.0	-134.0	-2.2	-3.8	1.2	0.2	150.6	50.2
(PLNS, 50, 50,V,V,AH,1)	24.0	-139.7	-2.2	-2.5	1.2	0.2	157.6	57.1
(PLNS, 50, 50,V,V,AH,3)	24.0	-133.8	-2.2	-3.8	1.2	0.2	150.4	49.9



COLORADO PLAINS R= 50KM SITE 25

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-20-64	24.80	L1	80%	49.0	55.5

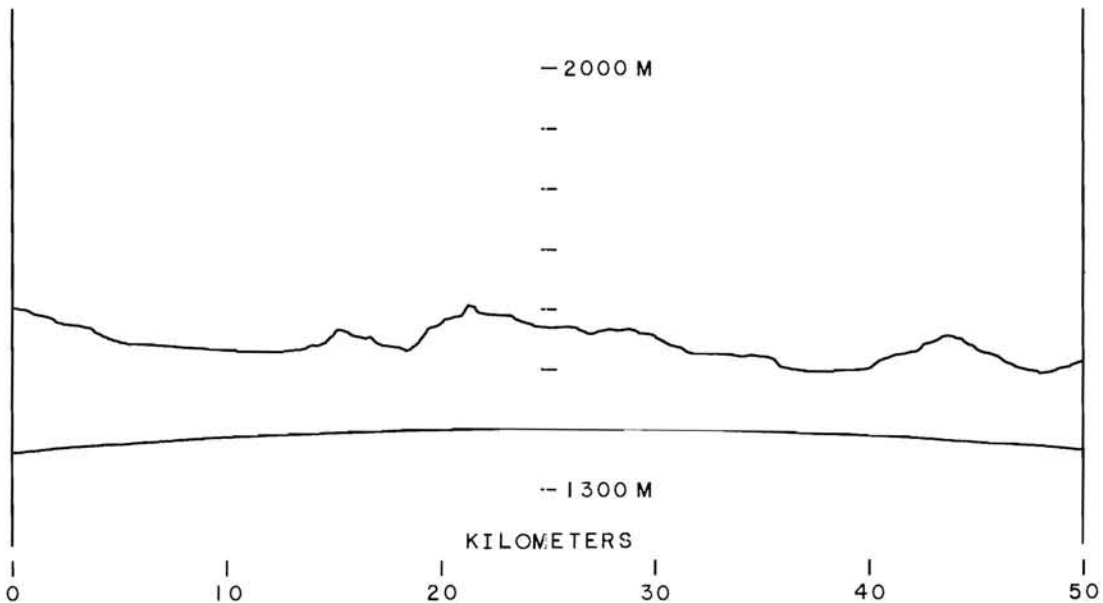
ROLLING FARMLAND, TERRAIN SLOPING DOWNWARD TO WEST. POWER LINE IN LINE OF SIGHT 200FT WEST.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-126.5	7.6	0.8	0.9	0.9	159.2	52.7
(PLNS, 50,100,V,V, P,6)	20.0	-121.3	7.6	-1.0	0.9	0.9	152.2	45.7
(PLNS, 50,100,V,V, P,9)	20.0	-118.9	7.6	-1.6	0.9	0.9	149.2	42.7
(PLNS, 50,100,V,V,AV,3)	20.0	-122.7	7.6	0.8	0.9	0.9	155.4	48.9
(PLNS, 50,100,V,V,AV,6)	20.0	-118.4	7.6	-1.0	0.9	0.9	149.3	42.8
(PLNS, 50,100,V,V,AV,9)	20.0	-118.9	7.6	-1.6	0.9	0.9	149.2	42.7
(PLNS, 50,100,V,V,AH,3)	20.0	-126.5	7.6	0.8	0.9	0.9	159.2	52.7
(PLNS, 50,100,V,V,AH,6)	20.0	-121.3	7.6	-1.0	0.9	0.9	152.2	45.7
(PLNS, 50,100,V,V,AH,9)	20.0	-118.9	7.6	-1.6	0.9	0.9	149.2	42.7
(PLNS, 50,100,H,V, P,3)	20.0	-133.7	9.6	-14.8	0.9	0.9	152.8	46.2
(PLNS, 50,100,H,V, P,6)	20.0	-132.4	9.6	-13.9	0.9	0.9	152.4	45.9
(PLNS, 50,100,H,V, P,9)	20.0	-133.7	9.6	-14.8	0.9	0.9	152.8	46.2
(PLNS, 50,100,H,V,AV,3)	20.0	-140.3	9.6	-14.8	0.9	0.9	159.4	52.9
(PLNS, 50,100,H,V,AV,6)	20.0	-132.8	9.6	-13.9	0.9	0.9	152.8	46.3
(PLNS, 50,100,H,V,AV,9)	20.0	-135.1	9.6	-14.8	0.9	0.9	154.2	47.6
(PLNS, 50,100,H,V,AH,3)	20.0	-133.7	9.6	-14.8	0.9	0.9	152.8	46.2
(PLNS, 50,100,H,V,AH,6)	20.0	-132.4	9.6	-13.9	0.9	0.9	152.4	45.9
(PLNS, 50,100,H,V,AH,9)	20.0	-133.7	9.6	-14.8	0.9	0.9	152.8	46.2
(PLNS, 50,100,V,H, P,3)	20.0	-141.7	7.6	-20.4	0.9	0.9	153.2	46.7
(PLNS, 50,100,V,H, P,6)	20.0	-136.6	7.6	-20.6	0.9	0.9	147.9	41.3
(PLNS, 50,100,V,H, P,9)	20.0	-136.6	7.6	-17.1	0.9	0.9	151.4	44.8
(PLNS, 50,100,V,H,AV,3)	20.0	-134.7	7.6	-20.4	0.9	0.9	146.2	39.7
(PLNS, 50,100,V,H,AV,6)	20.0	-132.5	7.6	-20.6	0.9	0.9	143.8	37.3
(PLNS, 50,100,V,H,AV,9)	20.0	-132.5	7.6	-17.1	0.9	0.9	147.3	40.8
(PLNS, 50,100,V,H,AH,3)	20.0	-141.7	7.6	-20.4	0.9	0.9	153.2	46.7
(PLNS, 50,100,V,H,AH,6)	20.0	-136.6	7.6	-20.6	0.9	0.9	147.9	41.3
(PLNS, 50,100,V,H,AH,9)	20.0	-136.6	7.6	-17.1	0.9	0.9	151.4	44.8
(PLNS, 50,100,H,H, P,3)	20.0	-131.9	9.6	-2.0	0.9	0.9	163.8	57.3
(PLNS, 50,100,H,H, P,6)	20.0	-120.3	9.6	1.6	0.9	0.9	155.8	49.3
(PLNS, 50,100,H,H, P,9)	20.0	-116.6	9.6	1.1	0.9	0.9	151.6	45.0
(PLNS, 50,100,H,H,AV,3)	20.0	-134.1	9.6	-2.0	0.9	0.9	166.0	59.4
(PLNS, 50,100,H,H,AV,6)	20.0	-118.2	9.6	1.6	0.9	0.9	153.7	47.2
(PLNS, 50,100,H,H,AV,9)	20.0	-115.8	9.6	1.1	0.9	0.9	150.8	44.3
(PLNS, 50,100,H,H,AH,3)	20.0	-131.9	9.6	-2.0	0.9	0.9	163.8	57.3
(PLNS, 50,100,H,H,AH,6)	20.0	-120.3	9.6	1.6	0.9	0.9	155.8	49.3
(PLNS, 50,100,H,H,AH,9)	20.0	-116.6	9.6	1.1	0.9	0.9	151.6	45.0
(KLIR, 52,100,H,H, P,3)	42.2	-109.0		-0.8		0.9	155.6	48.9
(KLIR, 52,100,H,H, P,6)	42.2	-100.0		1.6		0.9	149.0	42.3
(KLIR, 52,100,H,H, P,9)	42.2	-97.4		1.1		0.9	145.9	39.2
(KLIR, 52,100,H,H,AV,3)	42.2	-107.5		-0.8		0.9	154.1	47.3
(KLIR, 52,100,H,H,AV,6)	42.2	-99.2		1.6		0.9	148.2	41.4
(KLIR, 52,100,H,H,AV,9)	42.2	-96.4		1.1		0.9	144.9	38.2
(KLIR, 52,100,H,H,AH,3)	42.2	-109.0		-0.8		0.9	155.6	48.9
(KLIR, 52,100,H,H,AH,6)	42.2	-100.0		1.6		0.9	149.0	42.3
(KLIR, 52,100,H,H,AH,9)	42.2	-97.4		1.1		0.9	145.9	39.2

COLORADO PLAINS B= 50KM SITE 26

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	w(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-123.2	-0.7	-1.9	0.1	-0.0	144.5	52.1
(PLNS, 50, 20,V,V,AV,3)	24.0	-123.2	-0.7	-1.9	0.1	-0.0	144.5	52.1
(PLNS, 50, 20,V,V,AH,3)	24.0	-123.2	-0.7	-1.9	0.1	-0.0	144.5	52.1
(PLNS, 50, 50,V,V, P,1)	24.0	-127.7	-2.2	5.0	1.2	0.2	153.1	52.6
(PLNS, 50, 50,V,V, P,3)	24.0	-127.5	-2.2	-1.5	1.2	0.2	146.4	45.9
(PLNS, 50, 50,V,V,AV,1)	24.0	-127.7	-2.2	5.0	1.2	0.2	153.1	52.6
(PLNS, 50, 50,V,V,AV,3)	24.0	-127.5	-2.2	-1.5	1.2	0.2	146.4	45.9
(PLNS, 50, 50,V,V,AH,1)	24.0	-127.7	-2.2	5.0	1.2	0.2	153.1	52.6
(PLNS, 50, 50,V,V,AH,3)	24.0	-127.5	-2.2	-1.5	1.2	0.2	146.4	45.9



COLORADO PLAINS R= 50KM SITE 26

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-20-64	24.72	L9	100%	46.5	49.5

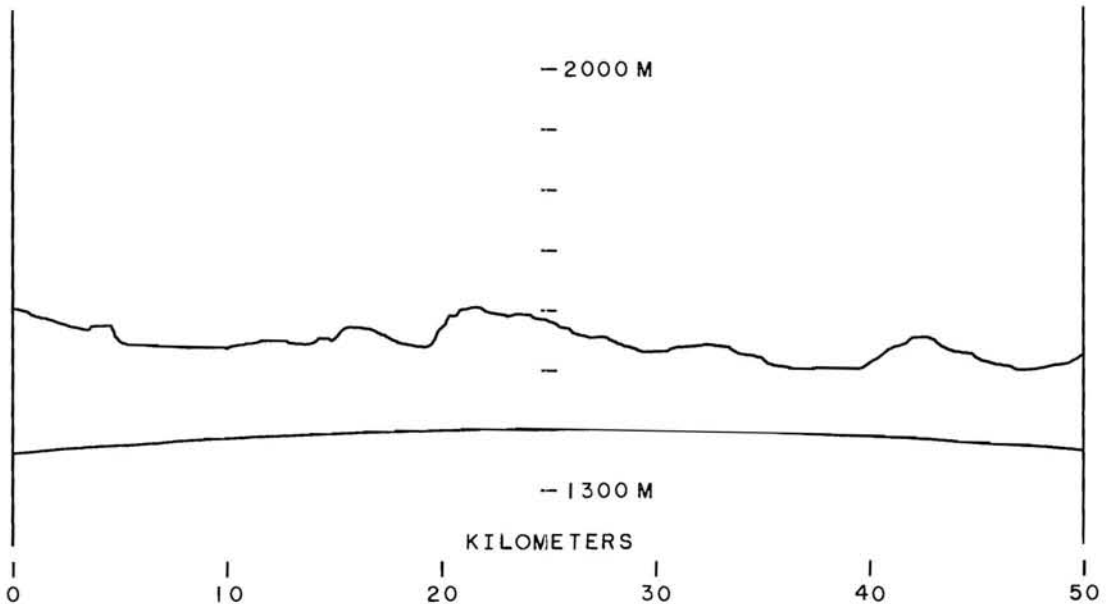
POWER LINE RUNS EAST-WEST ALONG NORTH SIDE OF ROAD PARALLEL TO LINE OF SIGHT PATH. PATH IS CLEAR OF HOUSING AND VEGETATION. HORIZON 5MI.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-116.3	7.6	-2.1	0.9	0.9	146.1	39.6
(PLNS, 50,100,V,V, P,6)	20.0	-112.1	7.6	-1.8	0.9	0.9	142.2	35.7
(PLNS, 50,100,V,V, P,9)	20.0	-111.0	7.6	-2.2	0.9	0.9	140.7	34.1
(PLNS, 50,100,V,V,AV,3)	20.0	-116.3	7.6	-2.1	0.9	0.9	146.1	39.6
(PLNS, 50,100,V,V,AV,6)	20.0	-112.1	7.6	-1.8	0.9	0.9	142.2	35.7
(PLNS, 50,100,V,V,AV,9)	20.0	-111.0	7.6	-2.2	0.9	0.9	140.7	34.1
(PLNS, 50,100,V,V,AH,3)	20.0	-116.3	7.6	-2.1	0.9	0.9	146.1	39.6
(PLNS, 50,100,V,V,AH,6)	20.0	-112.1	7.6	-1.8	0.9	0.9	142.2	35.7
(PLNS, 50,100,V,V,AH,9)	20.0	-111.0	7.6	-2.2	0.9	0.9	140.7	34.1
(PLNS, 50,100,H,V, P,3)	20.0	-129.4	9.6	-16.6	0.9	0.9	146.7	40.2
(PLNS, 50,100,H,V, P,6)	20.0	-126.4	9.6	-15.2	0.9	0.9	145.1	38.5
(PLNS, 50,100,H,V, P,9)	20.0	-126.4	9.6	-16.4	0.9	0.9	143.9	37.3
(PLNS, 50,100,H,V,AV,3)	20.0	-129.4	9.6	-16.6	0.9	0.9	146.7	40.2
(PLNS, 50,100,H,V,AV,6)	20.0	-126.4	9.6	-15.2	0.9	0.9	145.1	38.5
(PLNS, 50,100,H,V,AV,9)	20.0	-126.4	9.6	-16.4	0.9	0.9	143.9	37.3
(PLNS, 50,100,H,V,AH,3)	20.0	-129.4	9.6	-16.6	0.9	0.9	146.7	40.2
(PLNS, 50,100,H,V,AH,6)	20.0	-126.4	9.6	-15.2	0.9	0.9	145.1	38.5
(PLNS, 50,100,H,V,AH,9)	20.0	-126.4	9.6	-16.4	0.9	0.9	143.9	37.3
(PLNS, 50,100,V,H, P,3)	20.0	-132.5	7.6	-20.8	0.9	0.9	143.6	37.1
(PLNS, 50,100,V,H, P,6)	20.0	-132.5	7.6	-16.4	0.9	0.9	148.0	41.5
(PLNS, 50,100,V,H, P,9)	20.0	-132.5	7.6	-15.7	0.9	0.9	148.7	42.2
(PLNS, 50,100,V,H,AV,3)	20.0	-132.5	7.6	-20.8	0.9	0.9	143.6	37.1
(PLNS, 50,100,V,H,AV,6)	20.0	-132.5	7.6	-16.4	0.9	0.9	148.0	41.5
(PLNS, 50,100,V,H,AV,9)	20.0	-132.5	7.6	-15.7	0.9	0.9	148.7	42.2
(PLNS, 50,100,V,H,AH,3)	20.0	-132.5	7.6	-20.8	0.9	0.9	143.6	37.1
(PLNS, 50,100,V,H,AH,6)	20.0	-132.5	7.6	-16.4	0.9	0.9	148.0	41.5
(PLNS, 50,100,V,H,AH,9)	20.0	-132.5	7.6	-15.7	0.9	0.9	148.7	42.2
(PLNS, 50,100,H,H, P,3)	20.0	-121.3	9.6	-0.6	0.9	0.9	154.6	48.1
(PLNS, 50,100,H,H, P,6)	20.0	-116.3	9.6	1.6	0.9	0.9	151.8	45.3
(PLNS, 50,100,H,H, P,9)	20.0	-111.4	9.6	1.1	0.9	0.9	146.4	39.9
(PLNS, 50,100,H,H,AV,3)	20.0	-121.3	9.6	-0.6	0.9	0.9	154.6	48.1
(PLNS, 50,100,H,H,AV,6)	20.0	-116.3	9.6	1.6	0.9	0.9	151.8	45.3
(PLNS, 50,100,H,H,AV,9)	20.0	-111.4	9.6	1.1	0.9	0.9	146.4	39.9
(PLNS, 50,100,H,H,AH,3)	20.0	-121.3	9.6	-0.6	0.9	0.9	154.6	48.1
(PLNS, 50,100,H,H,AH,6)	20.0	-116.3	9.6	1.6	0.9	0.9	151.8	45.3
(PLNS, 50,100,H,H,AH,9)	20.0	-111.4	9.6	1.1	0.9	0.9	146.4	39.9
(KLIR, 49,100,H,H, P,3)	42.2	-91.9		0.6		0.9	139.9	33.6
(KLIR, 49,100,H,H, P,6)	42.2	-85.3		1.3		0.9	134.0	27.7
(KLIR, 49,100,H,H, P,9)	42.2	-83.2		0.9		0.9	131.5	25.2
(KLIR, 49,100,H,H,AV,3)	42.2	-91.9		0.6		0.9	139.9	33.6
(KLIR, 49,100,H,H,AV,6)	42.2	-85.3		1.3		0.9	134.0	27.7
(KLIR, 49,100,H,H,AV,9)	42.2	-83.2		0.9		0.9	131.5	25.2
(KLIR, 49,100,H,H,AH,3)	42.2	-91.9		0.6		0.9	139.9	33.6
(KLIR, 49,100,H,H,AH,6)	42.2	-85.3		1.3		0.9	134.0	27.7
(KLIR, 49,100,H,H,AH,9)	42.2	-83.2		0.9		0.9	131.5	25.2

COLORADO PLAINS B= 50KM SITE 27

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-123.0	-0.7	1.4	0.1	-0.0	147.6	55.1
(PLNS, 50, 20,V,V,AV,3)	24.0	-123.0	-0.7	1.4	0.1	-0.0	147.6	55.1
(PLNS, 50, 20,V,V,AH,3)	24.0	-123.0	-0.7	1.4	0.1	-0.0	147.6	55.1
(PLNS, 50, 50,V,V, P,1)	24.0	-135.9	-2.2	-3.5	1.2	0.2	152.8	52.3
(PLNS, 50, 50,V,V, P,3)	24.0	-132.3	-2.2	6.6	1.2	0.2	159.3	58.8
(PLNS, 50, 50,V,V,AV,1)	24.0	-135.9	-2.2	-3.5	1.2	0.2	152.8	52.3
(PLNS, 50, 50,V,V,AV,3)	24.0	-132.3	-2.2	6.6	1.2	0.2	159.3	58.8
(PLNS, 50, 50,V,V,AH,1)	24.0	-135.9	-2.2	-3.5	1.2	0.2	152.8	52.3
(PLNS, 50, 50,V,V,AH,3)	24.0	-132.3	-2.2	6.6	1.2	0.2	159.3	58.8



COLORADO PLAINS R= 50KM SITF 27

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-17-64	24.90	H6,L6	90%	39.0	51.0

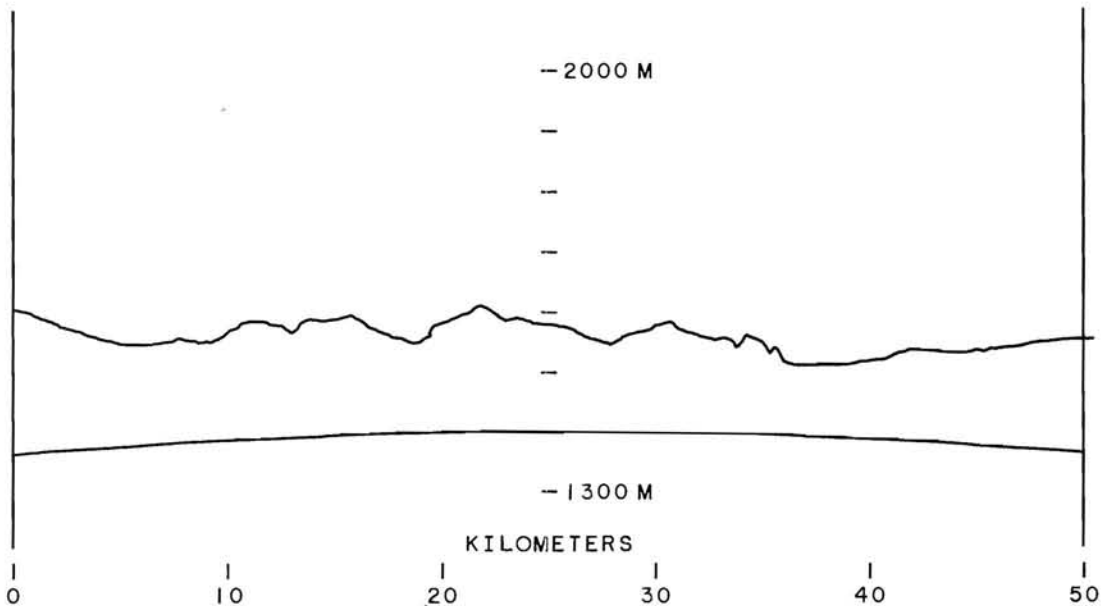
NO OBSTRUCTIONS. HORIZON IS HILL ABOUT 1MI TO NORTHWEST. AREA IS OPEN FARMLAND.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-116.8	7.6	0.8	0.9	0.9	149.5	43.0
(PLNS, 50,100,V,V, P,6)	20.0	-114.1	7.6	-0.4	0.9	0.9	145.6	39.0
(PLNS, 50,100,V,V, P,9)	20.0	-112.7	7.6	-1.2	0.9	0.9	143.4	36.8
(PLNS, 50,100,V,V,AV,3)	20.0	-116.8	7.6	0.8	0.9	0.9	149.5	43.0
(PLNS, 50,100,V,V,AV,6)	20.0	-114.1	7.6	-0.4	0.9	0.9	145.6	39.0
(PLNS, 50,100,V,V,AV,9)	20.0	-112.7	7.6	-1.2	0.9	0.9	143.4	36.8
(PLNS, 50,100,V,V,AH,3)	20.0	-116.8	7.6	0.8	0.9	0.9	149.5	43.0
(PLNS, 50,100,V,V,AH,6)	20.0	-114.1	7.6	-0.4	0.9	0.9	145.6	39.0
(PLNS, 50,100,V,V,AH,9)	20.0	-112.7	7.6	-1.2	0.9	0.9	143.4	36.8
(PLNS, 50,100,H,V, P,3)	20.0	-133.2	9.6	-16.7	0.9	0.9	150.4	43.9
(PLNS, 50,100,H,V, P,6)	20.0	-128.7	9.6	-15.0	0.9	0.9	147.6	41.1
(PLNS, 50,100,H,V, P,9)	20.0	-128.7	9.6	-19.0	0.9	0.9	143.6	37.1
(PLNS, 50,100,H,V,AV,3)	20.0	-133.2	9.6	-16.7	0.9	0.9	150.4	43.9
(PLNS, 50,100,H,V,AV,6)	20.0	-128.7	9.6	-15.0	0.9	0.9	147.6	41.1
(PLNS, 50,100,H,V,AV,9)	20.0	-128.7	9.6	-19.0	0.9	0.9	143.6	37.1
(PLNS, 50,100,H,V,AH,3)	20.0	-133.2	9.6	-16.7	0.9	0.9	150.4	43.9
(PLNS, 50,100,H,V,AH,6)	20.0	-128.7	9.6	-15.0	0.9	0.9	147.6	41.1
(PLNS, 50,100,H,V,AH,9)	20.0	-128.7	9.6	-19.0	0.9	0.9	143.6	37.1
(PLNS, 50,100,V,H, P,3)	20.0	-131.0	7.6	-20.7	0.9	0.9	142.2	35.6
(PLNS, 50,100,V,H, P,6)	20.0	-131.0	7.6	-15.9	0.9	0.9	147.0	40.4
(PLNS, 50,100,V,H, P,9)	20.0	-128.7	7.6	-16.2	0.9	0.9	144.4	37.9
(PLNS, 50,100,V,H,AV,3)	20.0	-131.0	7.6	-20.7	0.9	0.9	142.2	35.6
(PLNS, 50,100,V,H,AV,6)	20.0	-131.0	7.6	-15.9	0.9	0.9	147.0	40.4
(PLNS, 50,100,V,H,AV,9)	20.0	-128.7	7.6	-16.2	0.9	0.9	144.4	37.9
(PLNS, 50,100,V,H,AH,3)	20.0	-131.0	7.6	-20.7	0.9	0.9	142.2	35.6
(PLNS, 50,100,V,H,AH,6)	20.0	-131.0	7.6	-15.9	0.9	0.9	147.0	40.4
(PLNS, 50,100,V,H,AH,9)	20.0	-128.7	7.6	-16.2	0.9	0.9	144.4	37.9
(PLNS, 50,100,H,H, P,3)	20.0	-115.4	9.6	0.0	0.9	0.9	149.3	42.8
(PLNS, 50,100,H,H, P,6)	20.0	-109.8	9.6	1.6	0.9	0.9	145.3	38.7
(PLNS, 50,100,H,H, P,9)	20.0	-106.1	9.6	1.3	0.9	0.9	141.3	34.8
(PLNS, 50,100,H,H,AV,3)	20.0	-115.4	9.6	0.0	0.9	0.9	149.3	42.8
(PLNS, 50,100,H,H,AV,6)	20.0	-109.8	9.6	1.6	0.9	0.9	145.3	38.7
(PLNS, 50,100,H,H,AV,9)	20.0	-106.1	9.6	1.3	0.9	0.9	141.3	34.8
(PLNS, 50,100,H,H,AH,3)	20.0	-115.4	9.6	0.0	0.9	0.9	149.3	42.8
(PLNS, 50,100,H,H,AH,6)	20.0	-109.8	9.6	1.6	0.9	0.9	145.3	38.7
(PLNS, 50,100,H,H,AH,9)	20.0	-106.1	9.6	1.3	0.9	0.9	141.3	34.8
(KLIR, 47,100,H,H, P,3)	42.2	-94.2		0.4		0.9	142.0	36.0
(KLIR, 47,100,H,H, P,6)	42.2	-86.9		1.1		0.9	135.4	29.4
(KLIR, 47,100,H,H, P,9)	42.2	-83.6		0.8		0.9	131.8	25.8
(KLIR, 47,100,H,H,AV,3)	42.2	-94.2		0.4		0.9	142.0	36.0
(KLIR, 47,100,H,H,AV,6)	42.2	-86.9		1.1		0.9	135.4	29.4
(KLIR, 47,100,H,H,AV,9)	42.2	-83.6		0.8		0.9	131.8	25.8
(KLIR, 47,100,H,H,AH,3)	42.2	-94.2		0.4		0.9	142.0	36.0
(KLIR, 47,100,H,H,AH,6)	42.2	-86.9		1.1		0.9	135.4	29.4
(KLIR, 47,100,H,H,AH,9)	42.2	-83.6		0.8		0.9	131.8	25.8

COLORADO PLAINS B= 50KM SITE 28

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-124.2	-0.8	1.2	0.1	-0.0	148.5	56.1
(PLNS, 50, 20,V,V,AV,3)	24.0	-124.0	-0.8	1.2	0.1	-0.0	148.3	55.9
(PLNS, 50, 20,V,V,AH,3)	24.0	-124.2	-0.8	1.2	0.1	-0.0	148.5	56.1
(PLNS, 50, 50,V,V, P,1)	24.0	-141.9	-2.2	-2.3	1.2	0.2	160.0	59.6
(PLNS, 50, 50,V,V, P,3)	24.0	-131.9	-2.2	6.7	1.2	0.2	159.0	58.6
(PLNS, 50, 50,V,V,AV,1)	24.0	-144.0	-2.2	-2.3	1.2	0.2	162.1	61.7
(PLNS, 50, 50,V,V,AV,3)	24.0	-134.5	-2.2	6.7	1.2	0.2	161.6	61.2
(PLNS, 50, 50,V,V,AH,1)	24.0	-141.9	-2.2	-2.3	1.2	0.2	160.0	59.6
(PLNS, 50, 50,V,V,AH,3)	24.0	-131.9	-2.2	6.7	1.2	0.2	159.0	58.6



COLORADO PLAINS B= 50KM SITE 28

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
04-17-64	24.83	L5,H6	85%	49.5	52.5

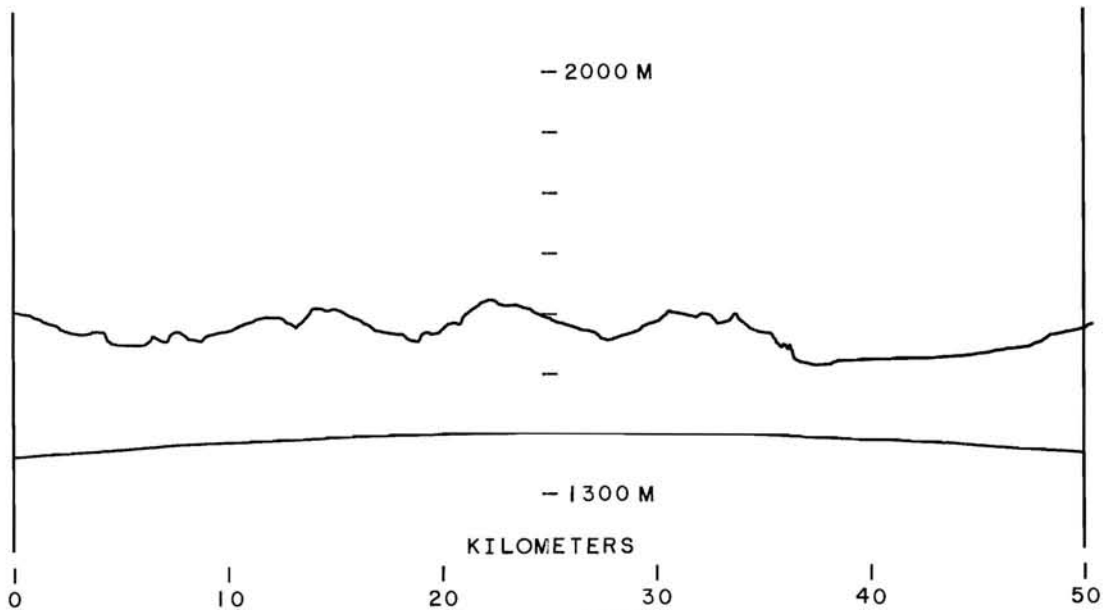
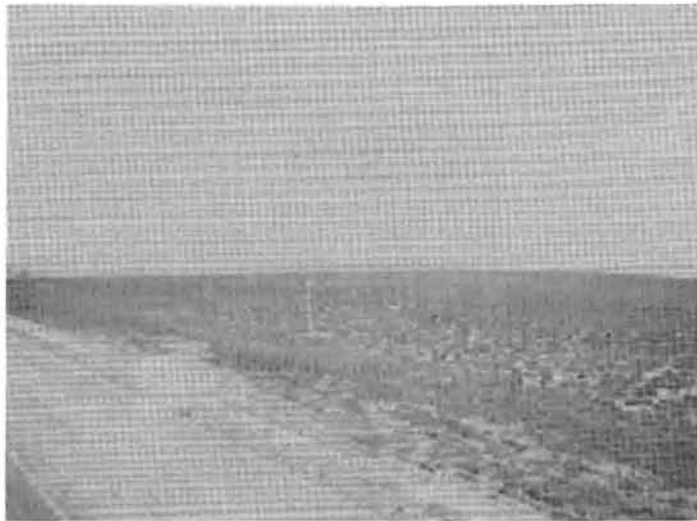
NO OBSTRUCTIONS, OPEN FARMLAND, ROLLING TERRAIN. 2 POWER LINES AND 4 PHONE LINES ON SOUTH SIDE OF ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-124.5	7.6	0.8	0.9	0.9	157.2	50.7
(PLNS, 50,100,V,V, P,6)	20.0	-120.2	7.6	-0.5	0.9	0.9	151.6	45.1
(PLNS, 50,100,V,V, P,9)	20.0	-117.7	7.6	-1.2	0.9	0.9	148.4	41.9
(PLNS, 50,100,V,V,AV,3)	20.0	-124.1	7.6	0.8	0.9	0.9	156.8	50.3
(PLNS, 50,100,V,V,AV,6)	20.0	-121.7	7.6	-0.5	0.9	0.9	153.1	46.6
(PLNS, 50,100,V,V,AV,9)	20.0	-120.7	7.6	-1.2	0.9	0.9	151.4	44.9
(PLNS, 50,100,V,V,AH,3)	20.0	-124.5	7.6	0.8	0.9	0.9	157.2	50.7
(PLNS, 50,100,V,V,AH,6)	20.0	-120.2	7.6	-0.5	0.9	0.9	151.6	45.1
(PLNS, 50,100,V,V,AH,9)	20.0	-117.7	7.6	-1.2	0.9	0.9	148.4	41.9
(PLNS, 50,100,H,V, P,3)	20.0	-138.9	9.6	-16.2	0.9	0.9	156.6	50.1
(PLNS, 50,100,H,V, P,6)	20.0	-138.9	9.6	-14.5	0.9	0.9	158.3	51.8
(PLNS, 50,100,H,V, P,9)	20.0	-134.4	9.6	-17.9	0.9	0.9	150.4	43.9
(PLNS, 50,100,H,V,AV,3)	20.0	-136.6	9.6	-16.2	0.9	0.9	154.3	47.7
(PLNS, 50,100,H,V,AV,6)	20.0	-134.4	9.6	-14.5	0.9	0.9	153.8	47.3
(PLNS, 50,100,H,V,AV,9)	20.0	-132.4	9.6	-17.9	0.9	0.9	148.4	41.9
(PLNS, 50,100,H,V,AH,3)	20.0	-138.9	9.6	-16.2	0.9	0.9	156.6	50.1
(PLNS, 50,100,H,V,AH,6)	20.0	-138.9	9.6	-14.5	0.9	0.9	158.3	51.8
(PLNS, 50,100,H,V,AH,9)	20.0	-134.4	9.6	-17.9	0.9	0.9	150.4	43.9
(PLNS, 50,100,V,H, P,3)	20.0	-136.2	7.6	-19.4	0.9	0.9	148.7	42.1
(PLNS, 50,100,V,H, P,6)	20.0	-136.2	7.6	-15.8	0.9	0.9	152.3	45.7
(PLNS, 50,100,V,H, P,9)	20.0	-138.9	7.6	-16.2	0.9	0.9	154.6	48.1
(PLNS, 50,100,V,H,AV,3)	20.0	-135.1	7.6	-19.4	0.9	0.9	147.6	41.0
(PLNS, 50,100,V,H,AV,6)	20.0	-135.8	7.6	-15.8	0.9	0.9	151.9	45.4
(PLNS, 50,100,V,H,AV,9)	20.0	-133.2	7.6	-16.2	0.9	0.9	148.9	42.4
(PLNS, 50,100,V,H,AH,3)	20.0	-136.2	7.6	-19.4	0.9	0.9	148.7	42.1
(PLNS, 50,100,V,H,AH,6)	20.0	-136.2	7.6	-15.8	0.9	0.9	152.3	45.7
(PLNS, 50,100,V,H,AH,9)	20.0	-138.9	7.6	-16.2	0.9	0.9	154.6	48.1
(PLNS, 50,100,H,H, P,3)	20.0	-123.7	9.6	0.4	0.9	0.9	158.0	51.5
(PLNS, 50,100,H,H, P,6)	20.0	-117.9	9.6	1.6	0.9	0.9	153.4	46.9
(PLNS, 50,100,H,H, P,9)	20.0	-112.1	9.6	1.4	0.9	0.9	147.4	40.9
(PLNS, 50,100,H,H,AV,3)	20.0	-124.1	9.6	0.4	0.9	0.9	158.4	51.9
(PLNS, 50,100,H,H,AV,6)	20.0	-118.0	9.6	1.6	0.9	0.9	153.5	47.0
(PLNS, 50,100,H,H,AV,9)	20.0	-112.9	9.6	1.4	0.9	0.9	148.2	41.7
(PLNS, 50,100,H,H,AH,3)	20.0	-123.7	9.6	0.4	0.9	0.9	158.0	51.5
(PLNS, 50,100,H,H,AH,6)	20.0	-117.9	9.6	1.6	0.9	0.9	153.4	46.9
(PLNS, 50,100,H,H,AH,9)	20.0	-112.1	9.6	1.4	0.9	0.9	147.4	40.9
(KLIR, 41,100,H,H, P,3)	42.2	-101.4		-2.0		0.9	146.8	42.1
(KLIR, 41,100,H,H, P,6)	42.2	-93.8		1.5		0.9	142.7	37.9
(KLIR, 41,100,H,H, P,9)	42.2	-89.8		1.0		0.9	138.2	33.4
(KLIR, 41,100,H,H,AV,3)	42.2	-100.2		-2.0		0.9	145.6	40.9
(KLIR, 41,100,H,H,AV,6)	42.2	-92.4		1.5		0.9	141.3	36.5
(KLIR, 41,100,H,H,AV,9)	42.2	-89.0		1.0		0.9	137.4	32.7
(KLIR, 41,100,H,H,AH,3)	42.2	-101.4		-2.0		0.9	146.8	42.1
(KLIR, 41,100,H,H,AH,6)	42.2	-93.8		1.5		0.9	142.7	37.9
(KLIR, 41,100,H,H,AH,9)	42.2	-89.8		1.0		0.9	138.2	33.4

COLORADO PLAINS B= 50KM SITE 29

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-128.5	-0.9	-2.1	0.1	-0.0	149.4	56.9
(PLNS, 50, 20,V,V,AV,3)	24.0	-126.1	-0.9	-2.1	0.1	-0.0	147.0	54.6
(PLNS, 50, 20,V,V,AH,3)	24.0	-128.5	-0.9	-2.1	0.1	-0.0	149.4	56.9
(PLNS, 50, 50,V,V, P,1)	24.0	-130.5	-2.2	3.1	1.2	0.2	154.0	53.6
(PLNS, 50, 50,V,V, P,3)	24.0	-128.0	-2.2	-3.1	1.2	0.2	145.3	44.9
(PLNS, 50, 50,V,V,AV,1)	24.0	-128.0	-2.2	3.1	1.2	0.2	151.5	51.1
(PLNS, 50, 50,V,V,AV,3)	24.0	-128.0	-2.2	-3.1	1.2	0.2	145.3	44.9
(PLNS, 50, 50,V,V,AH,1)	24.0	-130.5	-2.2	3.1	1.2	0.2	154.0	53.6
(PLNS, 50, 50,V,V,AH,3)	24.0	-128.0	-2.2	-3.1	1.2	0.2	145.3	44.9



COLORADO PLAINS R= 50KM SITE 29

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-17-64	24.80	L5	100%	37.0	48.5

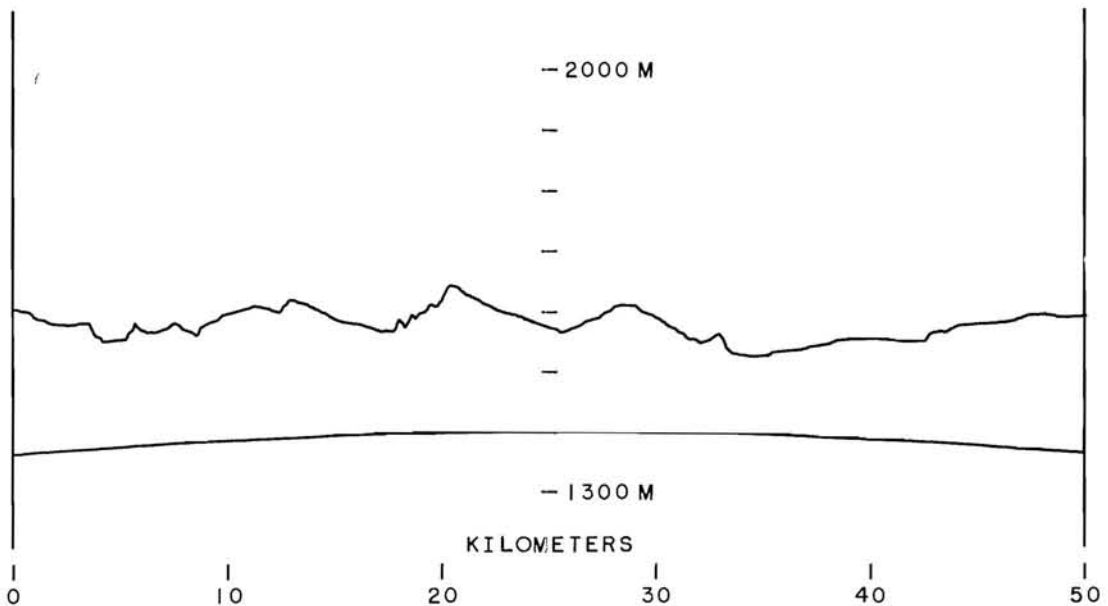
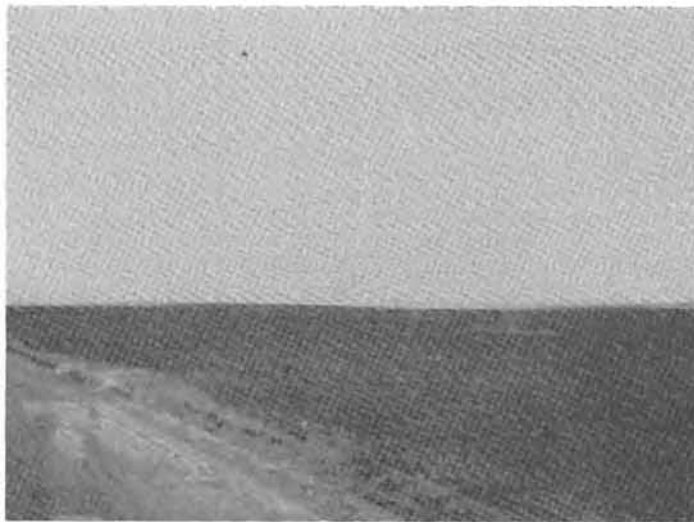
NO OBSTRUCTIONS, OPEN ROLLING FARMLAND.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-125.2	7.6	-0.6	0.9	0.9	156.5	49.9
(PLNS, 50,100,V,V, P,6)	20.0	-120.0	7.6	-1.6	0.9	0.9	150.3	43.7
(PLNS, 50,100,V,V, P,9)	20.0	-116.7	7.6	-2.0	0.9	0.9	146.6	40.1
(PLNS, 50,100,V,V,AV,3)	20.0	-120.0	7.6	-0.6	0.9	0.9	151.3	44.7
(PLNS, 50,100,V,V,AV,6)	20.0	-117.0	7.6	-1.6	0.9	0.9	147.3	40.8
(PLNS, 50,100,V,V,AV,9)	20.0	-112.9	7.6	-2.0	0.9	0.9	142.8	36.3
(PLNS, 50,100,V,V,AH,3)	20.0	-120.0	7.6	-0.6	0.9	0.9	151.3	44.7
(PLNS, 50,100,V,V,AH,6)	20.0	-117.0	7.6	-1.6	0.9	0.9	147.3	40.8
(PLNS, 50,100,V,V,AH,9)	20.0	-112.9	7.6	-2.0	0.9	0.9	142.8	36.3
(PLNS, 50,100,H,V, P,3)	20.0	-134.4	9.6	-15.2	0.9	0.9	153.1	46.6
(PLNS, 50,100,H,V, P,6)	20.0	-132.9	9.6	-12.8	0.9	0.9	154.0	47.5
(PLNS, 50,100,H,V, P,9)	20.0	-134.4	9.6	-15.2	0.9	0.9	153.1	46.6
(PLNS, 50,100,H,V,AV,3)	20.0	-131.9	9.6	-15.2	0.9	0.9	150.6	44.1
(PLNS, 50,100,H,V,AV,6)	20.0	-129.2	9.6	-12.8	0.9	0.9	150.3	43.8
(PLNS, 50,100,H,V,AV,9)	20.0	-129.2	9.6	-15.2	0.9	0.9	147.9	41.4
(PLNS, 50,100,H,V,AH,3)	20.0	-131.9	9.6	-15.2	0.9	0.9	150.6	44.1
(PLNS, 50,100,H,V,AH,6)	20.0	-129.2	9.6	-12.8	0.9	0.9	150.3	43.8
(PLNS, 50,100,H,V,AH,9)	20.0	-129.2	9.6	-15.2	0.9	0.9	147.9	41.4
(PLNS, 50,100,V,H, P,3)	20.0	-141.7	7.6	-21.3	0.9	0.9	152.3	45.8
(PLNS, 50,100,V,H, P,6)	20.0	-134.1	7.6	-18.5	0.9	0.9	147.5	40.9
(PLNS, 50,100,V,H, P,9)	20.0	-131.4	7.6	-16.2	0.9	0.9	147.1	40.6
(PLNS, 50,100,V,H,AV,3)	20.0	-136.2	7.6	-21.3	0.9	0.9	146.8	40.2
(PLNS, 50,100,V,H,AV,6)	20.0	-129.4	7.6	-18.5	0.9	0.9	142.8	36.3
(PLNS, 50,100,V,H,AV,9)	20.0	-125.4	7.6	-16.2	0.9	0.9	141.1	34.6
(PLNS, 50,100,V,H,AH,3)	20.0	-136.2	7.6	-21.3	0.9	0.9	146.8	40.2
(PLNS, 50,100,V,H,AH,6)	20.0	-129.4	7.6	-18.5	0.9	0.9	142.8	36.3
(PLNS, 50,100,V,H,AH,9)	20.0	-125.4	7.6	-16.2	0.9	0.9	141.1	34.6
(PLNS, 50,100,H,H, P,3)	20.0	-123.9	9.6	-1.5	0.9	0.9	156.3	49.8
(PLNS, 50,100,H,H, P,6)	20.0	-114.4	9.6	1.6	0.9	0.9	149.9	43.4
(PLNS, 50,100,H,H, P,9)	20.0	-110.6	9.6	1.1	0.9	0.9	145.6	39.0
(PLNS, 50,100,H,H,AV,3)	20.0	-120.7	9.6	-1.5	0.9	0.9	153.1	46.6
(PLNS, 50,100,H,H,AV,6)	20.0	-113.2	9.6	1.6	0.9	0.9	148.7	42.2
(PLNS, 50,100,H,H,AV,9)	20.0	-109.2	9.6	1.1	0.9	0.9	144.2	37.7
(PLNS, 50,100,H,H,AH,3)	20.0	-120.7	9.6	-1.5	0.9	0.9	153.1	46.6
(PLNS, 50,100,H,H,AH,6)	20.0	-113.2	9.6	1.6	0.9	0.9	148.7	42.2
(PLNS, 50,100,H,H,AH,9)	20.0	-109.2	9.6	1.1	0.9	0.9	144.2	37.7
(KLIR, 39,100,H,H, P,3)	42.2	-89.0		-0.1		0.9	136.3	32.1
(KLIR, 39,100,H,H, P,6)	42.2	-82.2		1.0		0.9	130.6	26.4
(KLIR, 39,100,H,H, P,9)	42.2	-78.7		0.6		0.9	126.7	22.5
(KLIR, 39,100,H,H,AV,3)	42.2	-89.0		-0.1		0.9	136.3	32.2
(KLIR, 39,100,H,H,AV,6)	42.2	-81.6		1.0		0.9	130.0	25.8
(KLIR, 39,100,H,H,AV,9)	42.2	-78.8		0.6		0.9	126.8	22.6
(KLIR, 39,100,H,H,AH,3)	42.2	-89.0		-0.1		0.9	136.3	32.2
(KLIR, 39,100,H,H,AH,6)	42.2	-81.6		1.0		0.9	130.0	25.8
(KLIR, 39,100,H,H,AH,9)	42.2	-78.8		0.6		0.9	126.8	22.6

COLORADO PLAINS B= 50KM SITE 30

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-124.2	-1.0	-2.3	0.1	-0.0	144.8	52.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-124.2	-1.0	-2.3	0.1	-0.0	144.8	52.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-124.2	-1.0	-2.3	0.1	-0.0	144.8	52.3
(PLNS, 50, 50,V,V, P,1)	24.0	-129.6	-2.2	1.5	1.2	0.2	151.5	51.0
(PLNS, 50, 50,V,V, P,3)	24.0	-133.5	-2.2	3.5	1.2	0.2	157.4	56.9
(PLNS, 50, 50,V,V,AV,1)	24.0	-129.6	-2.2	1.5	1.2	0.2	151.5	51.0
(PLNS, 50, 50,V,V,AV,3)	24.0	-133.5	-2.2	3.5	1.2	0.2	157.4	56.9
(PLNS, 50, 50,V,V,AH,1)	24.0	-129.6	-2.2	1.5	1.2	0.2	151.5	51.0
(PLNS, 50, 50,V,V,AH,3)	24.0	-133.5	-2.2	3.5	1.2	0.2	157.4	56.9



COLORADO PLAINS B= 50KM SITE 30

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-17-64	24.78	L5	100%	34.0	41.0

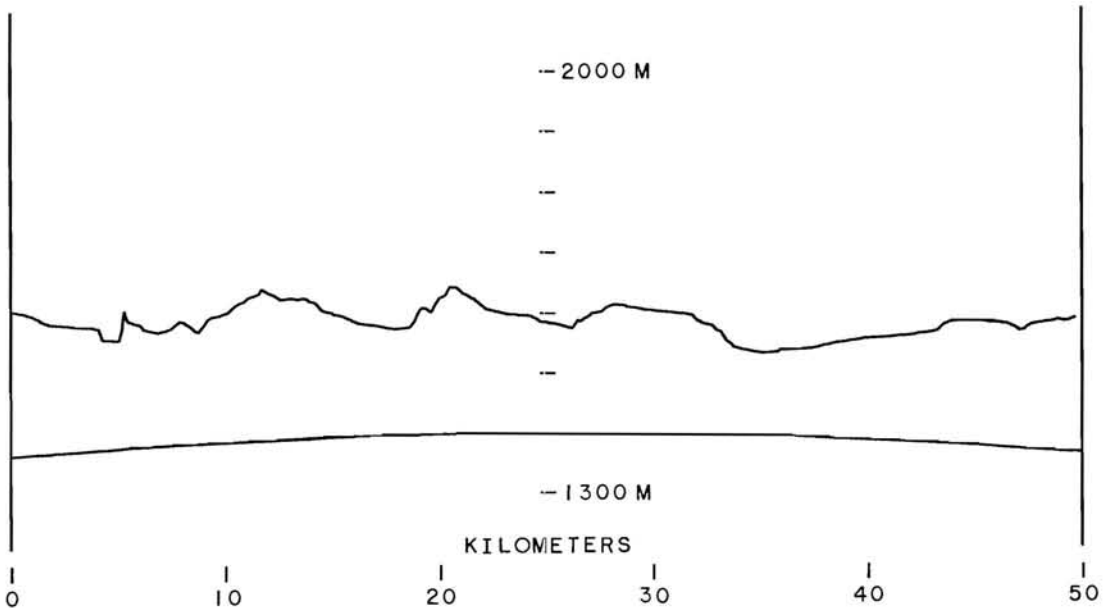
4-WIRE POWER LINES ON SOUTH SIDE OF ROAD. 4-WIRE PHONE LINES ON NORTH SIDE OF ROAD. POWER LINES ABOUT 20FT HIGH, PHONE LINES ABOUT 15FT HIGH. NO OTHER OBSTRUCTIONS, OPEN ROLLING FARMLAND.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-120.7	7.6	0.0	0.9	0.9	152.6	46.1
(PLNS, 50,100,V,V, P,6)	20.0	-116.2	7.6	-1.2	0.9	0.9	146.9	40.3
(PLNS, 50,100,V,V, P,9)	20.0	-115.4	7.6	-1.9	0.9	0.9	145.4	38.9
(PLNS, 50,100,V,V,AV,3)	20.0	-120.7	7.6	0.0	0.9	0.9	152.6	46.1
(PLNS, 50,100,V,V,AV,6)	20.0	-116.2	7.6	-1.2	0.9	0.9	146.9	40.3
(PLNS, 50,100,V,V,AV,9)	20.0	-115.4	7.6	-1.9	0.9	0.9	145.4	38.9
(PLNS, 50,100,V,V,AH,3)	20.0	-120.7	7.6	0.0	0.9	0.9	152.6	46.1
(PLNS, 50,100,V,V,AH,6)	20.0	-116.2	7.6	-1.2	0.9	0.9	146.9	40.3
(PLNS, 50,100,V,V,AH,9)	20.0	-115.4	7.6	-1.9	0.9	0.9	145.4	38.9
(PLNS, 50,100,H,V, P,3)	20.0	-137.9	9.6	-15.0	0.9	0.9	156.8	50.3
(PLNS, 50,100,H,V, P,6)	20.0	-135.4	9.6	-12.5	0.9	0.9	156.8	50.3
(PLNS, 50,100,H,V, P,9)	20.0	-128.4	9.6	-14.9	0.9	0.9	147.4	40.8
(PLNS, 50,100,H,V,AV,3)	20.0	-137.9	9.6	-15.0	0.9	0.9	156.8	50.3
(PLNS, 50,100,H,V,AV,6)	20.0	-135.4	9.6	-12.5	0.9	0.9	156.8	50.3
(PLNS, 50,100,H,V,AV,9)	20.0	-128.4	9.6	-14.9	0.9	0.9	147.4	40.8
(PLNS, 50,100,H,V,AH,3)	20.0	-137.9	9.6	-15.0	0.9	0.9	156.8	50.3
(PLNS, 50,100,H,V,AH,6)	20.0	-135.4	9.6	-12.5	0.9	0.9	156.8	50.3
(PLNS, 50,100,H,V,AH,9)	20.0	-128.4	9.6	-14.9	0.9	0.9	147.4	40.8
(PLNS, 50,100,V,H, P,3)	20.0	-132.4	7.6	-21.2	0.9	0.9	143.1	36.6
(PLNS, 50,100,V,H, P,6)	20.0	-128.7	7.6	-19.6	0.9	0.9	141.0	34.5
(PLNS, 50,100,V,H, P,9)	20.0	-127.2	7.6	-16.5	0.9	0.9	142.6	36.0
(PLNS, 50,100,V,H,AV,3)	20.0	-132.4	7.6	-21.2	0.9	0.9	143.1	36.6
(PLNS, 50,100,V,H,AV,6)	20.0	-128.7	7.6	-19.6	0.9	0.9	141.0	34.5
(PLNS, 50,100,V,H,AV,9)	20.0	-127.2	7.6	-16.5	0.9	0.9	142.6	36.0
(PLNS, 50,100,V,H,AH,3)	20.0	-132.4	7.6	-21.2	0.9	0.9	143.1	36.6
(PLNS, 50,100,V,H,AH,6)	20.0	-128.7	7.6	-19.6	0.9	0.9	141.0	34.5
(PLNS, 50,100,V,H,AH,9)	20.0	-127.2	7.6	-16.5	0.9	0.9	142.6	36.0
(PLNS, 50,100,H,H, P,3)	20.0	-123.0	9.6	-1.8	0.9	0.9	155.1	48.6
(PLNS, 50,100,H,H, P,6)	20.0	-115.6	9.6	1.6	0.9	0.9	151.1	44.5
(PLNS, 50,100,H,H, P,9)	20.0	-111.7	9.6	1.1	0.9	0.9	146.7	40.1
(PLNS, 50,100,H,H,AV,3)	20.0	-123.0	9.6	-1.8	0.9	0.9	155.1	48.6
(PLNS, 50,100,H,H,AV,6)	20.0	-115.6	9.6	1.6	0.9	0.9	151.1	44.5
(PLNS, 50,100,H,H,AV,9)	20.0	-111.7	9.6	1.1	0.9	0.9	146.7	40.1
(PLNS, 50,100,H,H,AH,3)	20.0	-123.0	9.6	-1.8	0.9	0.9	155.1	48.6
(PLNS, 50,100,H,H,AH,6)	20.0	-115.6	9.6	1.6	0.9	0.9	151.1	44.5
(PLNS, 50,100,H,H,AH,9)	20.0	-111.7	9.6	1.1	0.9	0.9	146.7	40.1
(KLIR, 34,100,H,H, P,3)	42.2	-88.1		-0.2		0.9	135.3	32.1
(KLIR, 34,100,H,H, P,6)	42.2	-88.1		1.0		0.9	136.5	33.3
(KLIR, 34,100,H,H, P,9)	42.2	-83.9		0.6		0.9	131.9	28.8
(KLIR, 34,100,H,H,AV,3)	42.2	-88.1		-0.2		0.9	135.3	32.1
(KLIR, 34,100,H,H,AV,6)	42.2	-88.1		1.0		0.9	136.5	33.3
(KLIR, 34,100,H,H,AV,9)	42.2	-83.9		0.6		0.9	131.9	28.8
(KLIR, 34,100,H,H,AH,3)	42.2	-88.1		-0.2		0.9	135.3	32.1
(KLIR, 34,100,H,H,AH,6)	42.2	-88.1		1.0		0.9	136.5	33.3
(KLIR, 34,100,H,H,AH,9)	42.2	-83.9		0.6		0.9	131.9	28.8

COLORADO PLAINS B= 50KM SITE 31

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-125.3	-1.2	0.6	0.1	-0.0	148.6	56.1
(PLNS, 50, 20,V,V,AV,3)	24.0	-124.3	-1.2	0.6	0.1	-0.0	147.6	55.1
(PLNS, 50, 20,V,V,AH,3)	24.0	-125.3	-1.2	0.6	0.1	-0.0	148.6	56.1
(PLNS, 50, 50,V,V, P,1)	24.0	-131.0	-2.2	0.5	1.2	0.2	151.9	51.4
(PLNS, 50, 50,V,V, P,3)	24.0	-133.7	-2.2	6.8	1.2	0.2	160.9	60.4
(PLNS, 50, 50,V,V,AV,1)	24.0	-135.8	-2.2	0.5	1.2	0.2	156.7	56.2
(PLNS, 50, 50,V,V,AV,3)	24.0	-126.5	-2.2	6.8	1.2	0.2	153.7	53.3
(PLNS, 50, 50,V,V,AH,1)	24.0	-131.0	-2.2	0.5	1.2	0.2	151.9	51.4
(PLNS, 50, 50,V,V,AH,3)	24.0	-133.7	-2.2	6.8	1.2	0.2	160.9	60.4



COLORADO PLAINS B= 50KM SITE 31

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN
04-16-64	PRESSURE	TYPE	PERCENT	WET DRY
	24.45	H6	10%	53.5 84.0

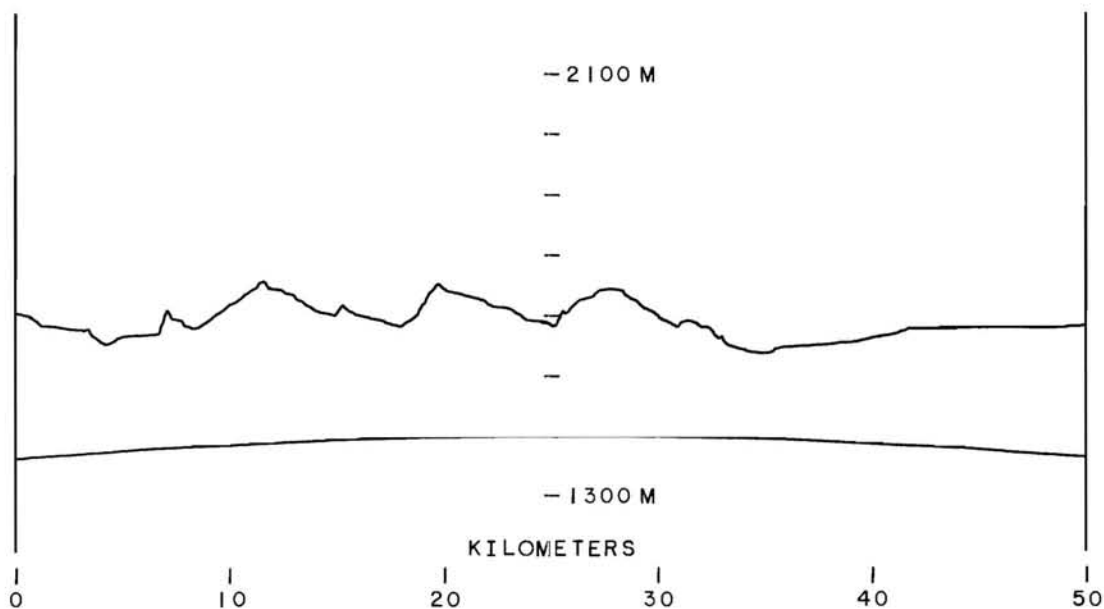
OPEN FIELDS, NO OBSTRUCTIONS.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-130.6	7.6	0.7	0.9	0.9	163.2	56.6
(PLNS, 50,100,V,V, P,6)	20.0	-125.4	7.6	-0.8	0.9	0.9	156.5	50.0
(PLNS, 50,100,V,V, P,9)	20.0	-121.9	7.6	-1.3	0.9	0.9	152.5	46.0
(PLNS, 50,100,V,V,AV,3)	20.0	-125.9	7.6	0.7	0.9	0.9	158.5	51.9
(PLNS, 50,100,V,V,AV,6)	20.0	-122.2	7.6	-0.8	0.9	0.9	153.3	46.8
(PLNS, 50,100,V,V,AV,9)	20.0	-118.1	7.6	-1.3	0.9	0.9	148.7	42.2
(PLNS, 50,100,V,V,AH,3)	20.0	-130.6	7.6	0.7	0.9	0.9	163.2	56.6
(PLNS, 50,100,V,V,AH,6)	20.0	-125.4	7.6	-0.8	0.9	0.9	156.5	50.0
(PLNS, 50,100,V,V,AH,9)	20.0	-121.9	7.6	-1.3	0.9	0.9	152.5	46.0
(PLNS, 50,100,H,V, P,3)	20.0	-138.1	9.6	-21.0	0.9	0.9	151.0	44.5
(PLNS, 50,100,H,V, P,6)	20.0	-139.5	9.6	-14.8	0.9	0.9	158.6	52.1
(PLNS, 50,100,H,V, P,9)	20.0	-139.5	9.6	-18.7	0.9	0.9	154.7	48.2
(PLNS, 50,100,H,V,AV,3)	20.0	-122.7	9.6	-21.0	0.9	0.9	135.6	29.1
(PLNS, 50,100,H,V,AV,6)	20.0	-119.0	9.6	-14.8	0.9	0.9	138.1	31.6
(PLNS, 50,100,H,V,AV,9)	20.0	-137.0	9.6	-18.7	0.9	0.9	152.2	45.7
(PLNS, 50,100,H,V,AH,3)	20.0	-138.1	9.6	-21.0	0.9	0.9	151.0	44.5
(PLNS, 50,100,H,V,AH,6)	20.0	-139.5	9.6	-14.8	0.9	0.9	158.6	52.1
(PLNS, 50,100,H,V,AH,9)	20.0	-139.5	9.6	-18.7	0.9	0.9	154.7	48.2
(PLNS, 50,100,V,H, P,3)	20.0	-143.9	7.6	-18.5	0.9	0.9	157.3	50.8
(PLNS, 50,100,V,H, P,6)	20.0	-139.5	7.6	-15.7	0.9	0.9	155.7	49.2
(PLNS, 50,100,V,H, P,9)	20.0	-135.8	7.6	-16.0	0.9	0.9	151.7	45.2
(PLNS, 50,100,V,H,AV,3)	20.0	-140.1	7.6	-18.5	0.9	0.9	153.5	47.0
(PLNS, 50,100,V,H,AV,6)	20.0	-133.8	7.6	-15.7	0.9	0.9	150.0	43.4
(PLNS, 50,100,V,H,AV,9)	20.0	-130.2	7.6	-16.0	0.9	0.9	146.1	39.5
(PLNS, 50,100,V,H,AH,3)	20.0	-143.9	7.6	-18.5	0.9	0.9	157.3	50.8
(PLNS, 50,100,V,H,AH,6)	20.0	-139.5	7.6	-15.7	0.9	0.9	155.7	49.2
(PLNS, 50,100,V,H,AH,9)	20.0	-135.8	7.6	-16.0	0.9	0.9	151.7	45.2
(PLNS, 50,100,H,H, P,3)	20.0	-123.0	9.6	1.1	0.9	0.9	158.0	51.5
(PLNS, 50,100,H,H, P,6)	20.0	-117.0	9.6	1.6	0.9	0.9	152.5	46.0
(PLNS, 50,100,H,H, P,9)	20.0	-113.5	9.6	1.4	0.9	0.9	148.8	42.2
(PLNS, 50,100,H,H,AV,3)	20.0	-122.2	9.6	1.1	0.9	0.9	157.2	50.7
(PLNS, 50,100,H,H,AV,6)	20.0	-116.9	9.6	1.6	0.9	0.9	152.4	45.9
(PLNS, 50,100,H,H,AV,9)	20.0	-113.4	9.6	1.4	0.9	0.9	148.7	42.2
(PLNS, 50,100,H,H,AH,3)	20.0	-123.0	9.6	1.1	0.9	0.9	158.0	51.5
(PLNS, 50,100,H,H,AH,6)	20.0	-117.0	9.6	1.6	0.9	0.9	152.5	46.0
(PLNS, 50,100,H,H,AH,9)	20.0	-113.5	9.6	1.4	0.9	0.9	148.8	42.2
(KLIR, 31,100,H,H, P,3)	42.2	-87.2		-0.4		0.9	134.2	31.8
(KLIR, 31,100,H,H, P,6)	42.2	-78.8		1.2		0.9	127.4	25.0
(KLIR, 31,100,H,H, P,9)	42.2	-75.6		0.9		0.9	123.9	21.5
(KLIR, 31,100,H,H,AV,3)	42.2	-87.5		-0.4		0.9	134.5	32.1
(KLIR, 31,100,H,H,AV,6)	42.2	-81.4		1.2		0.9	130.0	27.7
(KLIR, 31,100,H,H,AV,9)	42.2	-77.9		0.9		0.9	126.2	23.8
(KLIR, 31,100,H,H,AH,3)	42.2	-87.2		-0.4		0.9	134.2	31.8
(KLIR, 31,100,H,H,AH,6)	42.2	-78.8		1.2		0.9	127.4	25.0
(KLIR, 31,100,H,H,AH,9)	42.2	-75.6		0.9		0.9	123.9	21.5

COLORADO PLAINS B= 50KM SITE 32

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-129.0	-1.5	-3.6	0.1	-0.0	147.8	55.4
(PLNS, 50, 20,V,V,AV,3)	24.0	-129.9	-1.5	-3.6	0.1	-0.0	148.7	56.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-129.0	-1.5	-3.6	0.1	-0.0	147.8	55.4
(PLNS, 50, 50,V,V, P,1)	24.0	-145.8	-2.2	-1.5	1.2	0.2	164.7	64.2
(PLNS, 50, 50,V,V, P,3)	24.0	-151.0	-2.2	-3.7	1.2	0.2	167.7	67.3
(PLNS, 50, 50,V,V,AV,1)	24.0	-130.1	-2.2	-1.5	1.2	0.2	149.0	48.5
(PLNS, 50, 50,V,V,AV,3)	24.0	-130.1	-2.2	-3.7	1.2	0.2	146.8	46.3
(PLNS, 50, 50,V,V,AH,1)	24.0	-145.8	-2.2	-1.5	1.2	0.2	164.7	64.2
(PLNS, 50, 50,V,V,AH,3)	24.0	-151.0	-2.2	-3.7	1.2	0.2	167.7	67.3



COLORADO PLAINS B= 50KM SITE 32

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-16-64	24.53	H6	5%	49.0	77.5

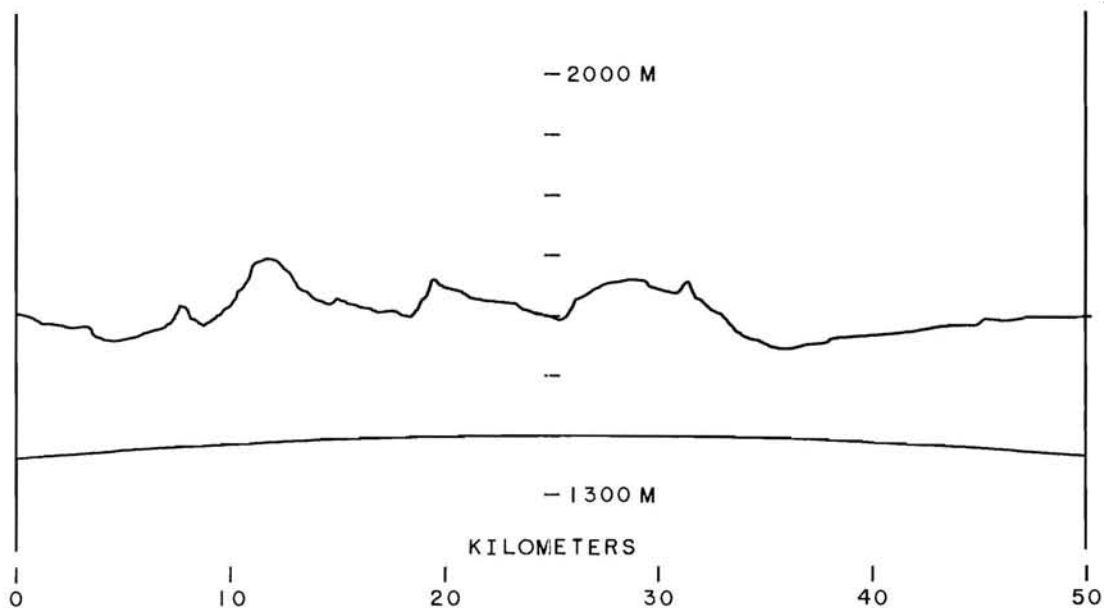
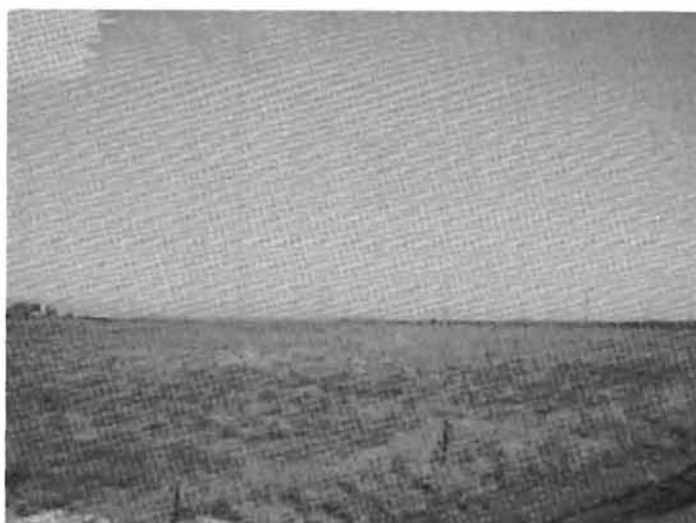
LOW HILL IS LINE OF SIGHT TO TRANSMITTER, HILL ABOUT 1000FT TO NORTH-WEST. AREA IS OPEN FARMLAND, 30 TO 40FT SCATTERED TREES.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-127.5	7.6	0.7	0.9	0.9	160.1	53.5
(PLNS, 50,100,V,V, P,6)	20.0	-123.6	7.6	-1.1	0.9	0.9	154.4	47.8
(PLNS, 50,100,V,V, P,9)	20.0	-120.7	7.6	-1.6	0.9	0.9	151.0	44.5
(PLNS, 50,100,V,V,AV,3)	20.0	-124.7	7.6	0.7	0.9	0.9	157.3	50.8
(PLNS, 50,100,V,V,AV,6)	20.0	-128.1	7.6	-1.1	0.9	0.9	158.9	52.3
(PLNS, 50,100,V,V,AV,9)	20.0	-126.4	7.6	-1.6	0.9	0.9	156.7	50.1
(PLNS, 50,100,V,V,AH,3)	20.0	-127.5	7.6	0.7	0.9	0.9	160.1	53.5
(PLNS, 50,100,V,V,AH,6)	20.0	-123.6	7.6	-1.1	0.9	0.9	154.4	47.8
(PLNS, 50,100,V,V,AH,9)	20.0	-120.7	7.6	-1.6	0.9	0.9	151.0	44.5
(PLNS, 50,100,H,V, P,3)	20.0	-134.1	9.6	-14.8	0.9	0.9	153.2	46.6
(PLNS, 50,100,H,V, P,6)	20.0	-136.2	9.6	-12.4	0.9	0.9	157.7	51.1
(PLNS, 50,100,H,V, P,9)	20.0	-136.2	9.6	-14.8	0.9	0.9	155.3	48.7
(PLNS, 50,100,H,V,AV,3)	20.0	-135.1	9.6	-14.8	0.9	0.9	154.2	47.6
(PLNS, 50,100,H,V,AV,6)	20.0	-137.0	9.6	-12.4	0.9	0.9	158.5	52.0
(PLNS, 50,100,H,V,AV,9)	20.0	-135.1	9.6	-14.8	0.9	0.9	154.2	47.6
(PLNS, 50,100,H,V,AH,3)	20.0	-134.1	9.6	-14.8	0.9	0.9	153.2	46.6
(PLNS, 50,100,H,V,AH,6)	20.0	-136.2	9.6	-12.4	0.9	0.9	157.7	51.1
(PLNS, 50,100,H,V,AH,9)	20.0	-136.2	9.6	-14.8	0.9	0.9	155.3	48.7
(PLNS, 50,100,V,H, P,3)	20.0	-134.4	7.6	-20.6	0.9	0.9	145.7	39.2
(PLNS, 50,100,V,H, P,6)	20.0	-131.7	7.6	-20.6	0.9	0.9	143.0	36.4
(PLNS, 50,100,V,H, P,9)	20.0	-129.0	7.6	-17.0	0.9	0.9	143.9	37.4
(PLNS, 50,100,V,H,AV,3)	20.0	-137.7	7.6	-20.6	0.9	0.9	149.0	42.5
(PLNS, 50,100,V,H,AV,6)	20.0	-131.1	7.6	-20.6	0.9	0.9	142.4	35.8
(PLNS, 50,100,V,H,AV,9)	20.0	-135.4	7.6	-17.0	0.9	0.9	150.3	43.8
(PLNS, 50,100,V,H,AH,3)	20.0	-134.4	7.6	-20.6	0.9	0.9	145.7	39.2
(PLNS, 50,100,V,H,AH,6)	20.0	-131.7	7.6	-20.6	0.9	0.9	143.0	36.4
(PLNS, 50,100,V,H,AH,9)	20.0	-129.0	7.6	-17.0	0.9	0.9	143.9	37.4
(PLNS, 50,100,H,H, P,3)	20.0	-129.0	9.6	-1.9	0.9	0.9	161.0	54.5
(PLNS, 50,100,H,H, P,6)	20.0	-122.5	9.6	1.6	0.9	0.9	158.0	51.5
(PLNS, 50,100,H,H, P,9)	20.0	-119.2	9.6	1.1	0.9	0.9	154.2	47.6
(PLNS, 50,100,H,H,AV,3)	20.0	-130.2	9.6	-1.9	0.9	0.9	162.2	55.6
(PLNS, 50,100,H,H,AV,6)	20.0	-124.5	9.6	1.6	0.9	0.9	160.0	53.5
(PLNS, 50,100,H,H,AV,9)	20.0	-121.6	9.6	1.1	0.9	0.9	156.6	50.1
(PLNS, 50,100,H,H,AH,3)	20.0	-129.0	9.6	-1.9	0.9	0.9	161.0	54.5
(PLNS, 50,100,H,H,AH,6)	20.0	-122.5	9.6	1.6	0.9	0.9	158.0	51.5
(PLNS, 50,100,H,H,AH,9)	20.0	-119.2	9.6	1.1	0.9	0.9	154.2	47.6
(KLIR, 28,100,H,H, P,3)	42.2	-92.8		-0.2		0.9	140.0	38.7
(KLIR, 28,100,H,H, P,6)	42.2	-85.1		1.1		0.9	133.6	32.2
(KLIR, 28,100,H,H, P,9)	42.2	-81.4		0.7		0.9	129.5	28.2
(KLIR, 28,100,H,H,AV,3)	42.2	-92.4		-0.2		0.9	139.6	38.3
(KLIR, 28,100,H,H,AV,6)	42.2	-88.2		1.1		0.9	136.7	35.4
(KLIR, 28,100,H,H,AV,9)	42.2	-84.7		0.7		0.9	132.8	31.5
(KLIR, 28,100,H,H,AH,3)	42.2	-92.8		-0.2		0.9	140.0	38.7
(KLIR, 28,100,H,H,AH,6)	42.2	-85.1		1.1		0.9	133.6	32.2
(KLIR, 28,100,H,H,AH,9)	42.2	-81.4		0.7		0.9	129.5	28.2

COLORADO PLAINS B= 50KM SITE 33

DATE 11-23-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-127.7	-2.0	-2.9	0.1	-0.0	146.7	54.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-127.7	-2.0	-2.9	0.1	-0.0	146.7	54.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-127.7	-2.0	-2.9	0.1	-0.0	146.7	54.3
(PLNS, 50, 50,V,V, P,1)	24.0	-145.6	-2.2	-4.2	1.2	0.2	161.8	61.3
(PLNS, 50, 50,V,V, P,3)	24.0	-138.0	-2.2	-3.7	1.2	0.2	154.7	54.3
(PLNS, 50, 50,V,V,AV,1)	24.0	-145.6	-2.2	-4.2	1.2	0.2	161.8	61.3
(PLNS, 50, 50,V,V,AV,3)	24.0	-138.0	-2.2	-3.7	1.2	0.2	154.7	54.3
(PLNS, 50, 50,V,V,AH,1)	24.0	-145.6	-2.2	-4.2	1.2	0.2	161.8	61.3
(PLNS, 50, 50,V,V,AH,3)	24.0	-138.0	-2.2	-3.7	1.2	0.2	154.7	54.3



COLORADO PLAINS R= 50KM SITF 33

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-16-64	24.52	H6	5%	46.5	71.0

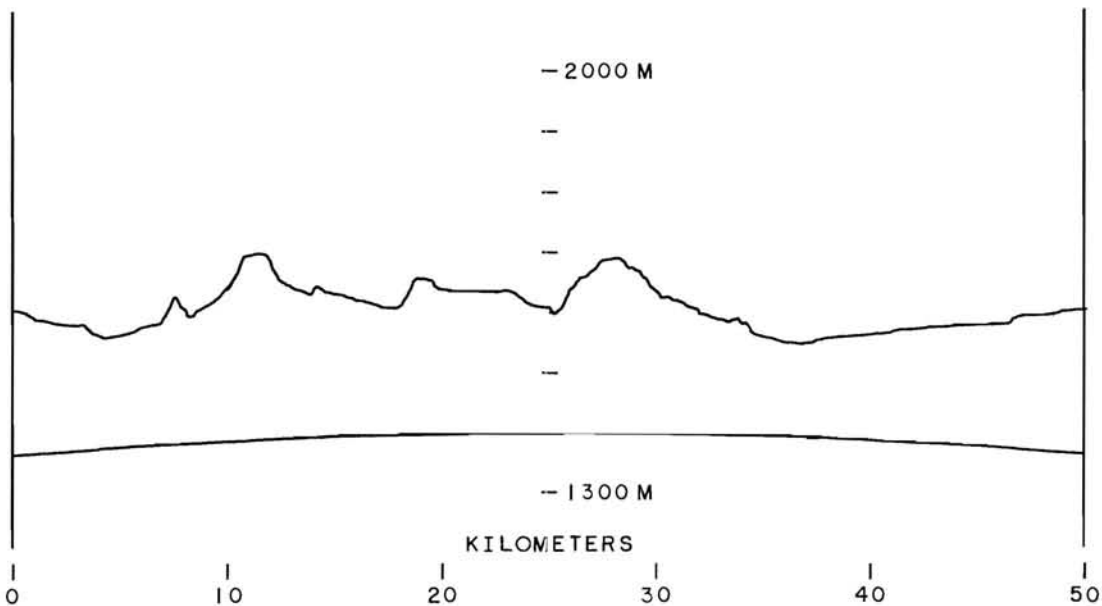
OPEN FIELDS, NO OBSTRUCTIONS.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-127.5	7.6	1.2	0.9	0.9	160.6	54.0
(PLNS, 50,100,V,V, P,6)	20.0	-122.9	7.6	-1.0	0.9	0.9	153.8	47.3
(PLNS, 50,100,V,V, P,9)	20.0	-119.5	7.6	-1.4	0.9	0.9	150.0	43.5
(PLNS, 50,100,V,V,AV,3)	20.0	-127.5	7.6	1.2	0.9	0.9	160.6	54.0
(PLNS, 50,100,V,V,AV,6)	20.0	-122.9	7.6	-1.0	0.9	0.9	153.8	47.3
(PLNS, 50,100,V,V,AV,9)	20.0	-119.5	7.6	-1.4	0.9	0.9	150.0	43.5
(PLNS, 50,100,V,V,AH,3)	20.0	-127.5	7.6	1.2	0.9	0.9	160.6	54.0
(PLNS, 50,100,V,V,AH,6)	20.0	-122.9	7.6	-1.0	0.9	0.9	153.8	47.3
(PLNS, 50,100,V,V,AH,9)	20.0	-119.5	7.6	-1.4	0.9	0.9	150.0	43.5
(PLNS, 50,100,H,V, P,3)	20.0	-136.6	9.6	-14.8	0.9	0.9	155.7	49.1
(PLNS, 50,100,H,V, P,6)	20.0	-135.1	9.6	-12.5	0.9	0.9	156.5	49.9
(PLNS, 50,100,H,V, P,9)	20.0	-133.5	9.6	-14.9	0.9	0.9	152.5	45.9
(PLNS, 50,100,H,V,AV,3)	20.0	-136.6	9.6	-14.8	0.9	0.9	155.7	49.1
(PLNS, 50,100,H,V,AV,6)	20.0	-135.1	9.6	-12.5	0.9	0.9	156.5	49.9
(PLNS, 50,100,H,V,AV,9)	20.0	-133.5	9.6	-14.9	0.9	0.9	152.5	45.9
(PLNS, 50,100,H,V,AH,3)	20.0	-136.6	9.6	-14.8	0.9	0.9	155.7	49.1
(PLNS, 50,100,H,V,AH,6)	20.0	-135.1	9.6	-12.5	0.9	0.9	156.5	49.9
(PLNS, 50,100,H,V,AH,9)	20.0	-133.5	9.6	-14.9	0.9	0.9	152.5	45.9
(PLNS, 50,100,V,H, P,3)	20.0	-135.3	7.6	-19.9	0.9	0.9	147.3	40.8
(PLNS, 50,100,V,H, P,6)	20.0	-131.9	7.6	-20.5	0.9	0.9	143.3	36.8
(PLNS, 50,100,V,H, P,9)	20.0	-128.2	7.6	-17.4	0.9	0.9	142.7	36.2
(PLNS, 50,100,V,H,AV,3)	20.0	-135.3	7.6	-19.9	0.9	0.9	147.3	40.8
(PLNS, 50,100,V,H,AV,6)	20.0	-131.9	7.6	-20.5	0.9	0.9	143.3	36.8
(PLNS, 50,100,V,H,AV,9)	20.0	-128.2	7.6	-17.4	0.9	0.9	142.7	36.2
(PLNS, 50,100,V,H,AH,3)	20.0	-135.3	7.6	-19.9	0.9	0.9	147.3	40.8
(PLNS, 50,100,V,H,AH,6)	20.0	-131.9	7.6	-20.5	0.9	0.9	143.3	36.8
(PLNS, 50,100,V,H,AH,9)	20.0	-128.2	7.6	-17.4	0.9	0.9	142.7	36.2
(PLNS, 50,100,H,H, P,3)	20.0	-129.0	9.6	-2.0	0.9	0.9	160.9	54.4
(PLNS, 50,100,H,H, P,6)	20.0	-124.7	9.6	1.6	0.9	0.9	160.2	53.7
(PLNS, 50,100,H,H, P,9)	20.0	-121.4	9.6	1.1	0.9	0.9	156.4	49.9
(PLNS, 50,100,H,H,AV,3)	20.0	-129.0	9.6	-2.0	0.9	0.9	160.9	54.4
(PLNS, 50,100,H,H,AV,6)	20.0	-124.7	9.6	1.6	0.9	0.9	160.2	53.7
(PLNS, 50,100,H,H,AV,9)	20.0	-121.4	9.6	1.1	0.9	0.9	156.4	49.9
(PLNS, 50,100,H,H,AH,3)	20.0	-129.0	9.6	-2.0	0.9	0.9	160.9	54.4
(PLNS, 50,100,H,H,AH,6)	20.0	-124.7	9.6	1.6	0.9	0.9	160.2	53.7
(PLNS, 50,100,H,H,AH,9)	20.0	-121.4	9.6	1.1	0.9	0.9	156.4	49.9
(KLIR, 23,100,H,H, P,3)	42.2	-84.5		-0.3		0.9	131.6	31.8
(KLIR, 23,100,H,H, P,6)	42.2	-76.2		1.2		0.9	124.8	24.9
(KLIR, 23,100,H,H, P,9)	42.2	-73.5		0.8		0.9	121.7	21.8
(KLIR, 23,100,H,H,AV,3)	42.2	-84.5		-0.3		0.9	131.6	31.8
(KLIR, 23,100,H,H,AV,6)	42.2	-76.2		1.2		0.9	124.8	24.9
(KLIR, 23,100,H,H,AV,9)	42.2	-73.5		0.8		0.9	121.7	21.8
(KLIR, 23,100,H,H,AH,3)	42.2	-84.5		-0.3		0.9	131.6	31.8
(KLIR, 23,100,H,H,AH,6)	42.2	-76.2		1.2		0.9	124.8	24.9
(KLIR, 23,100,H,H,AH,9)	42.2	-73.5		0.8		0.9	121.7	21.8

COLORADO PLAINS B= 50KM SITE 34

DATE 11-25-64

(T,B,F,P(T),P(R),L,H)	w(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-127.9	-2.4	-0.3	0.1	-0.0	149.1	56.6
(PLNS, 50, 20,V,V,AV,3)	24.0	-129.0	-2.4	-0.3	0.1	-0.0	150.2	57.8
(PLNS, 50, 20,V,V,AH,3)	24.0	-128.3	-2.4	-0.3	0.1	-0.0	149.5	57.0
(PLNS, 50, 50,V,V, P,1)	24.0	-137.8	-2.2	1.7	1.2	0.2	159.9	59.4
(PLNS, 50, 50,V,V, P,3)	24.0	-134.8	-2.2	6.2	1.2	0.2	161.4	60.9
(PLNS, 50, 50,V,V,AV,1)	24.0	-144.2	-2.2	1.7	1.2	0.2	166.3	65.9
(PLNS, 50, 50,V,V,AV,3)	24.0	-144.2	-2.2	6.2	1.2	0.2	170.8	70.4
(PLNS, 50, 50,V,V,AH,1)	24.0	-149.1	-2.2	1.7	1.2	0.2	171.2	70.8
(PLNS, 50, 50,V,V,AH,3)	24.0	-132.0	-2.2	6.2	1.2	0.2	158.6	58.2



COLORADO PLAINS R= 50KM SITE 34

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-15-64	24.75	H1	20%	43.5	61.0

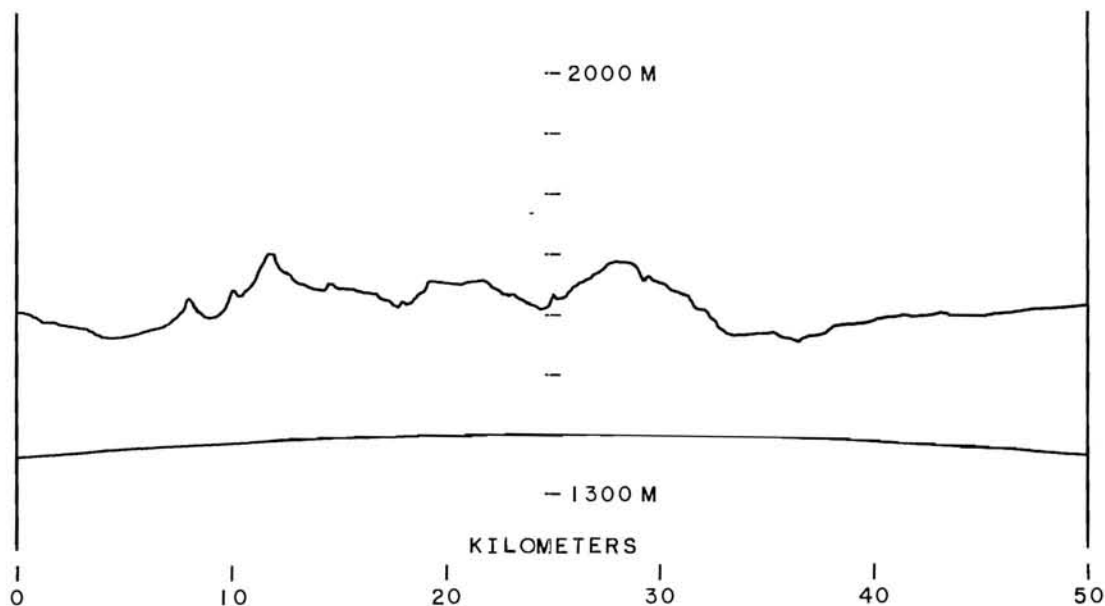
CORRUGATED FENCE 6FT HIGH RUNNING EAST-WEST ALONG LENGTH OF BLOCK, 15 FT NORTH OF TRUCK. OUTDOOR THEATER SCREEN IN LINE OF TRANSMITTER ABOUT 2000FT AWAY. AREA IS ONE STORY BRICK HOUSES.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-132.9	7.6	0.5	0.9	0.9	165.3	58.8
(PLNS, 50,100,V,V, P,6)	20.0	-126.4	7.6	-1.2	0.9	0.9	157.1	50.5
(PLNS, 50,100,V,V, P,9)	20.0	-125.0	7.6	-1.6	0.9	0.9	155.3	48.7
(PLNS, 50,100,V,V,AV,3)	20.0	-125.0	7.6	0.5	0.9	0.9	157.4	50.8
(PLNS, 50,100,V,V,AV,6)	20.0	-120.3	7.6	-1.2	0.9	0.9	151.0	44.5
(PLNS, 50,100,V,V,AV,9)	20.0	-117.0	7.6	-1.6	0.9	0.9	147.3	40.8
(PLNS, 50,100,V,V,AH,3)	20.0	-131.0	7.6	0.5	0.9	0.9	163.4	56.8
(PLNS, 50,100,V,V,AH,6)	20.0	-128.1	7.6	-1.2	0.9	0.9	158.8	52.2
(PLNS, 50,100,V,V,AH,9)	20.0	-120.3	7.6	-1.6	0.9	0.9	150.6	44.1
(PLNS, 50,100,H,V, P,3)	20.0	-143.7	9.6	-24.0	0.9	0.9	153.6	47.1
(PLNS, 50,100,H,V, P,6)	20.0	-142.4	9.6	-18.0	0.9	0.9	158.3	51.7
(PLNS, 50,100,H,V, P,9)	20.0	-142.4	9.6	-21.0	0.9	0.9	155.3	48.7
(PLNS, 50,100,H,V,AV,3)	20.0	-140.3	9.6	-24.0	0.9	0.9	150.2	43.7
(PLNS, 50,100,H,V,AV,6)	20.0	-140.3	9.6	-18.0	0.9	0.9	156.2	49.7
(PLNS, 50,100,H,V,AV,9)	20.0	-145.9	9.6	-21.0	0.9	0.9	158.8	52.2
(PLNS, 50,100,H,V,AH,3)	20.0	-137.0	9.6	-24.0	0.9	0.9	146.9	40.4
(PLNS, 50,100,H,V,AH,6)	20.0	-131.3	9.6	-18.0	0.9	0.9	147.2	40.7
(PLNS, 50,100,H,V,AH,9)	20.0	-137.0	9.6	-21.0	0.9	0.9	149.9	43.4
(PLNS, 50,100,V,H, P,3)	20.0	-137.9	7.6	-18.3	0.9	0.9	151.5	45.0
(PLNS, 50,100,V,H, P,6)	20.0	-140.3	7.6	-15.6	0.9	0.9	156.6	50.1
(PLNS, 50,100,V,H, P,9)	20.0	-136.2	7.6	-13.6	0.9	0.9	154.5	47.9
(PLNS, 50,100,V,H,AV,3)	20.0	-133.2	7.6	-18.3	0.9	0.9	146.8	40.3
(PLNS, 50,100,V,H,AV,6)	20.0	-128.5	7.6	-15.6	0.9	0.9	144.8	38.3
(PLNS, 50,100,V,H,AV,9)	20.0	-126.1	7.6	-13.6	0.9	0.9	144.4	37.9
(PLNS, 50,100,V,H,AH,3)	20.0	-137.0	7.6	-18.3	0.9	0.9	150.6	44.1
(PLNS, 50,100,V,H,AH,6)	20.0	-137.0	7.6	-15.6	0.9	0.9	153.3	46.8
(PLNS, 50,100,V,H,AH,9)	20.0	-134.3	7.6	-13.6	0.9	0.9	152.6	46.0
(PLNS, 50,100,H,H, P,3)	20.0	-131.0	9.6	1.4	0.9	0.9	166.3	59.8
(PLNS, 50,100,H,H, P,6)	20.0	-123.4	9.6	1.5	0.9	0.9	158.8	52.2
(PLNS, 50,100,H,H, P,9)	20.0	-121.0	9.6	1.3	0.9	0.9	156.2	49.7
(PLNS, 50,100,H,H,AV,3)	20.0	-130.6	9.6	1.4	0.9	0.9	165.9	59.3
(PLNS, 50,100,H,H,AV,6)	20.0	-123.7	9.6	1.5	0.9	0.9	159.1	52.6
(PLNS, 50,100,H,H,AV,9)	20.0	-121.2	9.6	1.3	0.9	0.9	156.4	49.8
(PLNS, 50,100,H,H,AH,3)	20.0	-123.6	9.6	1.4	0.9	0.9	158.9	52.3
(PLNS, 50,100,H,H,AH,6)	20.0	-117.9	9.6	1.5	0.9	0.9	153.3	46.8
(PLNS, 50,100,H,H,AH,9)	20.0	-117.9	9.6	1.3	0.9	0.9	153.1	46.6
(KLIR, 21,100,H,H, P,3)	42.2	-84.1		-0.5		0.9	131.0	32.3
(KLIR, 21,100,H,H, P,6)	42.2	-78.8		1.3		0.9	127.5	28.8
(KLIR, 21,100,H,H, P,9)	42.2	-75.9		1.0		0.9	124.3	25.6
(KLIR, 21,100,H,H,AV,3)	42.2	-83.4		-0.5		0.9	130.3	31.5
(KLIR, 21,100,H,H,AV,6)	42.2	-76.8		1.3		0.9	125.5	26.8
(KLIR, 21,100,H,H,AV,9)	42.2	-74.1		1.0		0.9	122.5	23.7
(KLIR, 21,100,H,H,AH,3)	42.2	-80.7		-0.5		0.9	127.6	28.9
(KLIR, 21,100,H,H,AH,6)	42.2	-75.4		1.3		0.9	124.1	25.3
(KLIR, 21,100,H,H,AH,9)	42.2	-72.2		1.0		0.9	120.6	21.9

COLORADO PLAINS B= 50KM SITE 35

DATE 11-25-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-131.7	-2.6	-0.4	0.1	-0.0	152.6	60.1
(PLNS, 50, 20,V,V,AV,3)	24.0	-129.3	-2.6	-0.4	0.1	-0.0	150.2	57.7
(PLNS, 50, 20,V,V,AH,3)	24.0	-131.7	-2.6	-0.4	0.1	-0.0	152.6	60.1
(PLNS, 50, 50,V,V, P,1)	24.0	-141.5	-2.2	1.8	1.2	0.2	163.7	63.3
(PLNS, 50, 50,V,V, P,3)	24.0	-136.1	-2.2	6.0	1.2	0.2	162.5	62.0
(PLNS, 50, 50,V,V,AV,1)	24.0	-138.8	-2.2	1.8	1.2	0.2	161.0	60.5
(PLNS, 50, 50,V,V,AV,3)	24.0	-139.5	-2.2	6.0	1.2	0.2	165.9	65.4
(PLNS, 50, 50,V,V,AH,1)	24.0	-141.5	-2.2	1.8	1.2	0.2	163.7	63.3
(PLNS, 50, 50,V,V,AH,3)	24.0	-136.1	-2.2	6.0	1.2	0.2	162.5	62.0



COLORADO PLAINS R= 50KM SITE 35

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-10-64	24.49	L5	100%	43.5	57.0

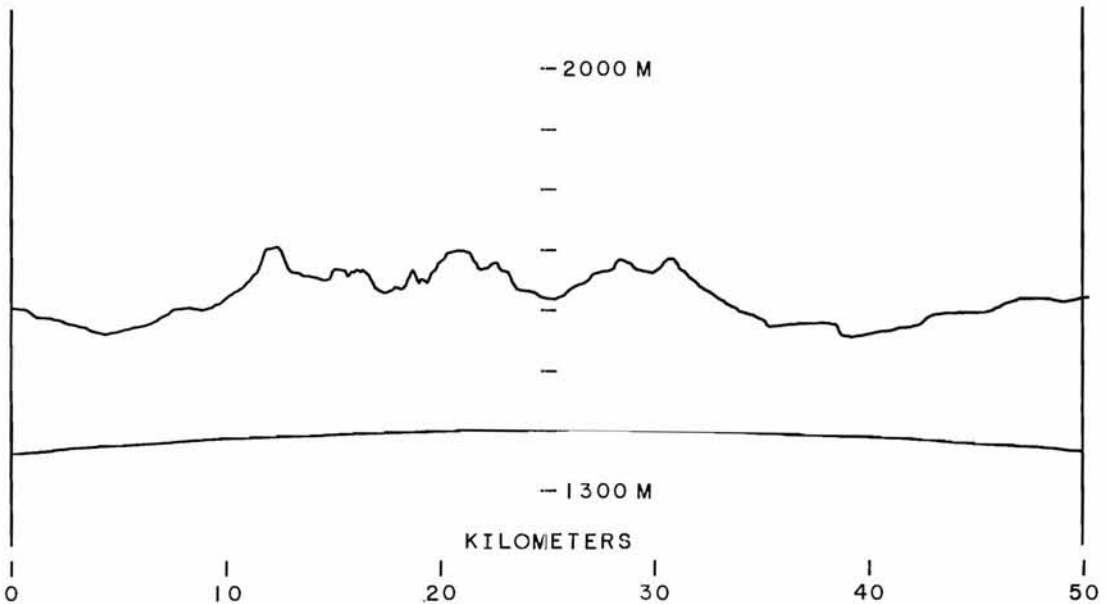
AREA SURROUNDED BY 1 1/2 STORY FRAME HOUSES.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-131.2	7.6	0.4	0.9	0.9	163.5	57.0
(PLNS, 50,100,V,V, P,6)	20.0	-126.2	7.6	-1.2	0.9	0.9	156.9	50.4
(PLNS, 50,100,V,V, P,9)	20.0	-121.6	7.6	-1.6	0.9	0.9	151.9	45.4
(PLNS, 50,100,V,V,AV,3)	20.0	-126.9	7.6	0.4	0.9	0.9	159.2	52.7
(PLNS, 50,100,V,V,AV,6)	20.0	-119.3	7.6	-1.2	0.9	0.9	150.0	43.4
(PLNS, 50,100,V,V,AV,9)	20.0	-118.5	7.6	-1.6	0.9	0.9	148.8	42.3
(PLNS, 50,100,V,V,AH,3)	20.0	-131.2	7.6	0.4	0.9	0.9	163.5	57.0
(PLNS, 50,100,V,V,AH,6)	20.0	-126.2	7.6	-1.2	0.9	0.9	156.9	50.4
(PLNS, 50,100,V,V,AH,9)	20.0	-121.6	7.6	-1.6	0.9	0.9	151.9	45.4
(PLNS, 50,100,H,V, P,3)	20.0	-142.7	9.6	-23.9	0.9	0.9	152.7	46.2
(PLNS, 50,100,H,V, P,6)	20.0	-142.7	9.6	-18.0	0.9	0.9	158.6	52.1
(PLNS, 50,100,H,V, P,9)	20.0	-139.5	9.6	-21.0	0.9	0.9	152.4	45.9
(PLNS, 50,100,H,V,AV,3)	20.0	-117.4	9.6	-23.9	0.9	0.9	127.4	20.9
(PLNS, 50,100,H,V,AV,6)	20.0	-117.4	9.6	-18.0	0.9	0.9	133.3	26.8
(PLNS, 50,100,H,V,AV,9)	20.0	-117.4	9.6	-21.0	0.9	0.9	130.3	23.8
(PLNS, 50,100,H,V,AH,3)	20.0	-142.7	9.6	-23.9	0.9	0.9	152.7	46.2
(PLNS, 50,100,H,V,AH,6)	20.0	-142.7	9.6	-18.0	0.9	0.9	158.6	52.1
(PLNS, 50,100,H,V,AH,9)	20.0	-139.5	9.6	-21.0	0.9	0.9	152.4	45.9
(PLNS, 50,100,V,H, P,3)	20.0	-137.0	7.6	-18.2	0.9	0.9	150.7	44.2
(PLNS, 50,100,V,H, P,6)	20.0	-134.7	7.6	-15.6	0.9	0.9	151.0	44.5
(PLNS, 50,100,V,H, P,9)	20.0	-134.1	7.6	-15.9	0.9	0.9	150.1	43.5
(PLNS, 50,100,V,H,AV,3)	20.0	-134.6	7.6	-18.2	0.9	0.9	148.3	41.8
(PLNS, 50,100,V,H,AV,6)	20.0	-132.3	7.6	-15.6	0.9	0.9	148.6	42.1
(PLNS, 50,100,V,H,AV,9)	20.0	-127.5	7.6	-15.9	0.9	0.9	143.5	36.9
(PLNS, 50,100,V,H,AH,3)	20.0	-137.0	7.6	-18.2	0.9	0.9	150.7	44.2
(PLNS, 50,100,V,H,AH,6)	20.0	-134.7	7.6	-15.6	0.9	0.9	151.0	44.5
(PLNS, 50,100,V,H,AH,9)	20.0	-134.1	7.6	-15.9	0.9	0.9	150.1	43.5
(PLNS, 50,100,H,H, P,3)	20.0	-128.7	9.6	1.5	0.9	0.9	164.1	57.6
(PLNS, 50,100,H,H, P,6)	20.0	-123.9	9.6	1.5	0.9	0.9	159.3	52.8
(PLNS, 50,100,H,H, P,9)	20.0	-120.1	9.6	1.2	0.9	0.9	155.2	48.7
(PLNS, 50,100,H,H,AV,3)	20.0	-128.9	9.6	1.5	0.9	0.9	164.3	57.7
(PLNS, 50,100,H,H,AV,6)	20.0	-122.7	9.6	1.5	0.9	0.9	158.1	51.6
(PLNS, 50,100,H,H,AV,9)	20.0	-118.1	9.6	1.2	0.9	0.9	153.2	46.7
(PLNS, 50,100,H,H,AH,3)	20.0	-128.7	9.6	1.5	0.9	0.9	164.1	57.6
(PLNS, 50,100,H,H,AH,6)	20.0	-123.9	9.6	1.5	0.9	0.9	159.3	52.8
(PLNS, 50,100,H,H,AH,9)	20.0	-120.1	9.6	1.2	0.9	0.9	155.2	48.7
(KLIR, 19,100,H,H, P,3)	42.2	-72.9		-0.5		0.9	119.8	21.9
(KLIR, 19,100,H,H, P,6)	42.2	-67.2		1.3		0.9	115.9	17.9
(KLIR, 19,100,H,H, P,9)	42.2	-60.7		1.1		0.9	109.2	11.3
(KLIR, 19,100,H,H,AV,3)	42.2	-79.5		-0.5		0.9	126.4	28.4
(KLIR, 19,100,H,H,AV,6)	42.2	-72.8		1.3		0.9	121.5	23.5
(KLIR, 19,100,H,H,AV,9)	42.2	-70.2		1.1		0.9	118.7	20.7
(KLIR, 19,100,H,H,AH,3)	42.2	-72.9		-0.5		0.9	119.8	21.9
(KLIR, 19,100,H,H,AH,6)	42.2	-67.2		1.3		0.9	115.9	17.9
(KLIR, 19,100,H,H,AH,9)	42.2	-60.7		1.1		0.9	109.2	11.3

COLORADO PLAINS B= 50KM SITE 36

DATE 11-25-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-129.3	-3.1	-2.0	0.1	-0.0	148.1	55.6
(PLNS, 50, 20,V,V,AV,3)	24.0	-129.8	-3.1	-2.0	0.1	-0.0	148.6	56.1
(PLNS, 50, 20,V,V,AH,3)	24.0	-129.3	-3.1	-2.0	0.1	-0.0	148.1	55.6
(PLNS, 50, 50,V,V, P,1)	24.0	-138.5	-2.2	5.7	1.2	0.2	164.6	64.2
(PLNS, 50, 50,V,V, P,3)	24.0	-143.2	-2.2	-0.8	1.2	0.2	162.8	62.4
(PLNS, 50, 50,V,V,AV,1)	24.0	-140.5	-2.2	5.7	1.2	0.2	166.6	66.2
(PLNS, 50, 50,V,V,AV,3)	24.0	-132.5	-2.2	-0.8	1.2	0.2	152.1	51.7
(PLNS, 50, 50,V,V,AH,1)	24.0	-138.5	-2.2	5.7	1.2	0.2	164.6	64.2
(PLNS, 50, 50,V,V,AH,3)	24.0	-143.2	-2.2	-0.8	1.2	0.2	162.8	62.4



COLORADO PLAINS R= 50KM SITE 36

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-10-64	24.46	L5,H2	100%	43.5	66.0

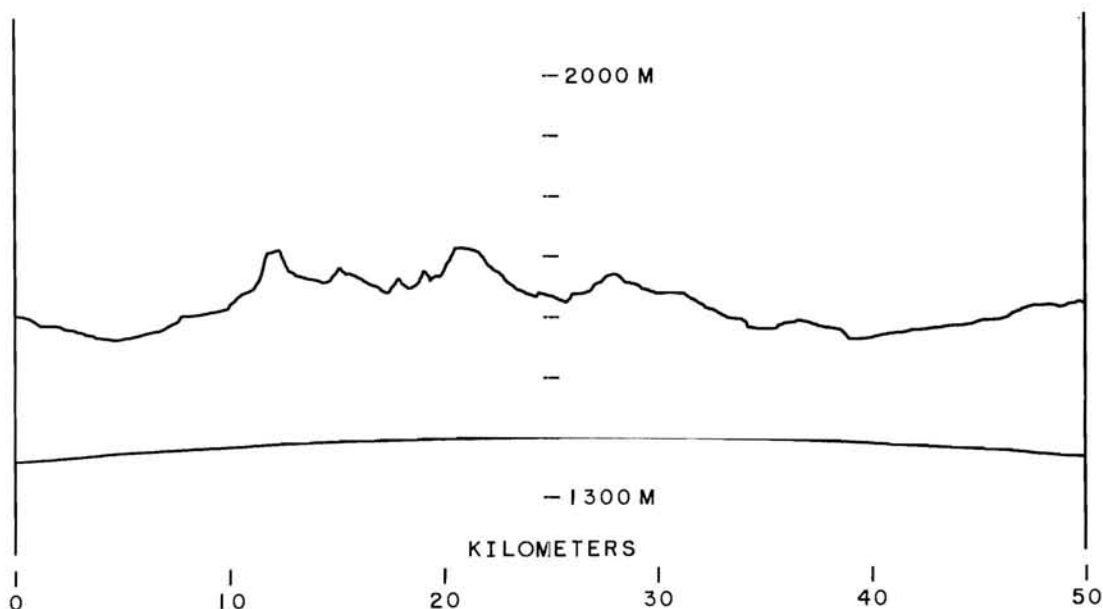
LINE OF 30FT TREES 1/2MI TO NORTHEAST AT EDGE OF CEMETARY. SITE IS SOUTH EDGE OF LOWRY FIELD, NO OBSTRUCTIONS.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-131.0	7.6	-3.4	0.9	0.9	159.5	52.9
(PLNS, 50,100,V,V, P,6)	20.0	-125.0	7.6	-2.1	0.9	0.9	154.8	48.2
(PLNS, 50,100,V,V, P,9)	20.0	-122.5	7.6	-2.2	0.9	0.9	152.2	45.7
(PLNS, 50,100,V,V,AV,3)	20.0	-118.9	7.6	-3.4	0.9	0.9	147.4	40.9
(PLNS, 50,100,V,V,AV,6)	20.0	-114.1	7.6	-2.1	0.9	0.9	143.9	37.3
(PLNS, 50,100,V,V,AV,9)	20.0	-112.0	7.6	-2.2	0.9	0.9	141.7	35.2
(PLNS, 50,100,V,V,AH,3)	20.0	-131.0	7.6	-3.4	0.9	0.9	159.5	52.9
(PLNS, 50,100,V,V,AH,6)	20.0	-125.0	7.6	-2.1	0.9	0.9	154.8	48.2
(PLNS, 50,100,V,V,AH,9)	20.0	-122.5	7.6	-2.2	0.9	0.9	152.2	45.7
(PLNS, 50,100,H,V, P,3)	20.0	-136.6	9.6	-19.8	0.9	0.9	150.7	44.1
(PLNS, 50,100,H,V, P,6)	20.0	-135.8	9.6	-18.7	0.9	0.9	151.0	44.5
(PLNS, 50,100,H,V, P,9)	20.0	-132.4	9.6	-18.4	0.9	0.9	147.9	41.4
(PLNS, 50,100,H,V,AV,3)	20.0	-134.4	9.6	-19.8	0.9	0.9	148.5	42.0
(PLNS, 50,100,H,V,AV,6)	20.0	-133.5	9.6	-18.7	0.9	0.9	148.7	42.1
(PLNS, 50,100,H,V,AV,9)	20.0	-135.8	9.6	-18.4	0.9	0.9	151.3	44.8
(PLNS, 50,100,H,V,AH,3)	20.0	-136.6	9.6	-19.8	0.9	0.9	150.7	44.1
(PLNS, 50,100,H,V,AH,6)	20.0	-135.8	9.6	-18.7	0.9	0.9	151.0	44.5
(PLNS, 50,100,H,V,AH,9)	20.0	-132.4	9.6	-18.4	0.9	0.9	147.9	41.4
(PLNS, 50,100,V,H, P,3)	20.0	-137.4	7.6	-19.3	0.9	0.9	150.0	43.5
(PLNS, 50,100,V,H, P,6)	20.0	-135.4	7.6	-15.2	0.9	0.9	152.1	45.6
(PLNS, 50,100,V,H, P,9)	20.0	-132.1	7.6	-15.7	0.9	0.9	148.3	41.8
(PLNS, 50,100,V,H,AV,3)	20.0	-133.2	7.6	-19.3	0.9	0.9	145.8	39.3
(PLNS, 50,100,V,H,AV,6)	20.0	-135.4	7.6	-15.2	0.9	0.9	152.1	45.6
(PLNS, 50,100,V,H,AV,9)	20.0	-129.0	7.6	-15.7	0.9	0.9	145.2	38.7
(PLNS, 50,100,V,H,AH,3)	20.0	-137.4	7.6	-19.3	0.9	0.9	150.0	43.5
(PLNS, 50,100,V,H,AH,6)	20.0	-135.4	7.6	-15.2	0.9	0.9	152.1	45.6
(PLNS, 50,100,V,H,AH,9)	20.0	-132.1	7.6	-15.7	0.9	0.9	148.3	41.8
(PLNS, 50,100,H,H, P,3)	20.0	-125.9	9.6	-0.3	0.9	0.9	159.5	52.9
(PLNS, 50,100,H,H, P,6)	20.0	-118.9	9.6	1.5	0.9	0.9	154.3	47.8
(PLNS, 50,100,H,H, P,9)	20.0	-115.4	9.6	0.9	0.9	0.9	150.2	43.7
(PLNS, 50,100,H,H,AV,3)	20.0	-129.0	9.6	-0.3	0.9	0.9	162.6	56.1
(PLNS, 50,100,H,H,AV,6)	20.0	-122.4	9.6	1.5	0.9	0.9	157.8	51.2
(PLNS, 50,100,H,H,AV,9)	20.0	-118.9	9.6	0.9	0.9	0.9	153.7	47.2
(PLNS, 50,100,H,H,AH,3)	20.0	-125.9	9.6	-0.3	0.9	0.9	159.5	52.9
(PLNS, 50,100,H,H,AH,6)	20.0	-118.9	9.6	1.5	0.9	0.9	154.3	47.8
(PLNS, 50,100,H,H,AH,9)	20.0	-115.4	9.6	0.9	0.9	0.9	150.2	43.7
(KLIR, 16,100,H,H, P,3)	42.2	-75.1		1.2		0.9	123.7	27.1
(KLIR, 16,100,H,H, P,6)	42.2	-67.2		1.7		0.9	116.3	19.7
(KLIR, 16,100,H,H, P,9)	42.2	-63.9		1.2		0.9	112.5	16.0
(KLIR, 16,100,H,H,AV,3)	42.2	-75.6		1.2		0.9	124.2	27.7
(KLIR, 16,100,H,H,AV,6)	42.2	-67.9		1.7		0.9	117.0	20.4
(KLIR, 16,100,H,H,AV,9)	42.2	-63.9		1.2		0.9	112.5	16.0
(KLIR, 16,100,H,H,AH,3)	42.2	-75.1		1.2		0.9	123.7	27.1
(KLIR, 16,100,H,H,AH,6)	42.2	-67.2		1.7		0.9	116.3	19.7
(KLIR, 16,100,H,H,AH,9)	42.2	-63.9		1.2		0.9	112.5	16.0

COLORADO PLAINS B= 50KM SITE 37

DATE 11-25-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-125.5	-3.2	0.5	0.1	-0.0	146.7	54.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-125.5	-3.2	0.5	0.1	-0.0	146.7	54.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-125.5	-3.2	0.5	0.1	-0.0	146.7	54.3
(PLNS, 50, 50,V,V, P,1)	24.0	-138.0	-2.2	-2.2	1.2	0.2	156.2	55.8
(PLNS, 50, 50,V,V, P,3)	24.0	-129.7	-2.2	0.7	1.2	0.2	150.8	50.4
(PLNS, 50, 50,V,V,AV,1)	24.0	-146.2	-2.2	-2.2	1.2	0.2	164.4	63.9
(PLNS, 50, 50,V,V,AV,3)	24.0	-129.0	-2.2	0.7	1.2	0.2	150.1	49.7
(PLNS, 50, 50,V,V,AH,1)	24.0	-135.7	-2.2	-2.2	1.2	0.2	153.9	53.4
(PLNS, 50, 50,V,V,AH,3)	24.0	-126.3	-2.2	0.7	1.2	0.2	147.4	46.9



COLORADO PLAINS R= 50KM SITE 37

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-10-64	24.49	H1,H7	40%	46.5	65.0

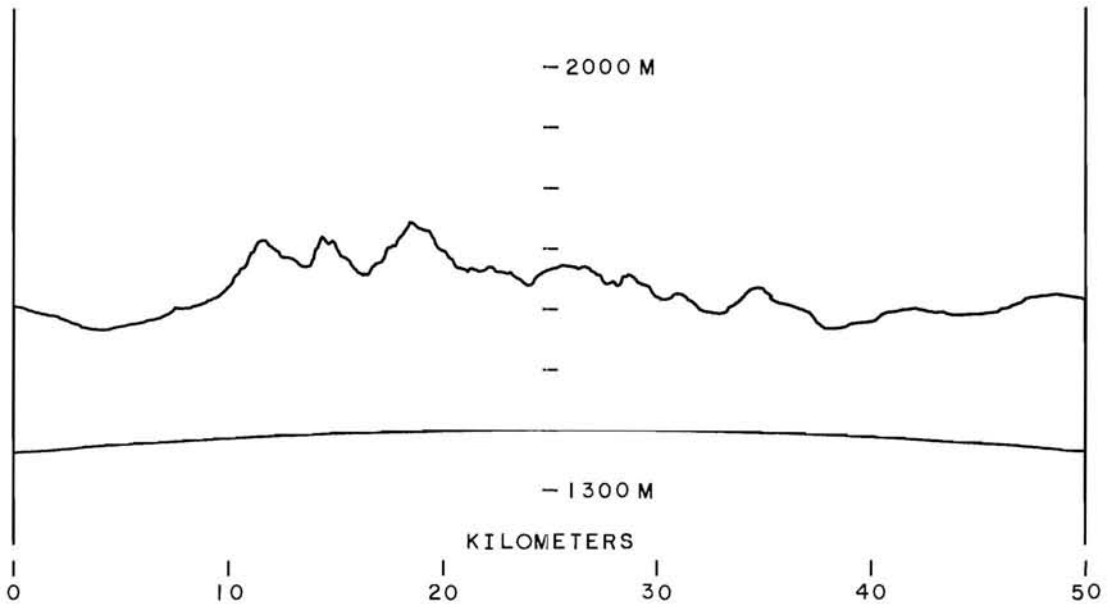
10FT CORRAL SHEDS 150FT TO NORTHWEST IN LINE OF SIGHT PATH. POWER LINES ALONG SIDE OF TRUCK 30FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-138.8	7.6	-0.4	0.9	0.9	170.3	63.8
(PLNS, 50,100,V,V, P,6)	20.0	-136.6	7.6	-0.7	0.9	0.9	167.8	61.2
(PLNS, 50,100,V,V, P,9)	20.0	-138.8	7.6	-1.8	0.9	0.9	168.9	62.4
(PLNS, 50,100,V,V,AV,3)	20.0	-125.0	7.6	-0.4	0.9	0.9	156.5	49.9
(PLNS, 50,100,V,V,AV,6)	20.0	-119.3	7.6	-0.7	0.9	0.9	150.5	43.9
(PLNS, 50,100,V,V,AV,9)	20.0	-116.4	7.6	-1.8	0.9	0.9	146.5	40.0
(PLNS, 50,100,V,V,AH,3)	20.0	-132.7	7.6	-0.4	0.9	0.9	164.2	57.6
(PLNS, 50,100,V,V,AH,6)	20.0	-127.5	7.6	-0.7	0.9	0.9	158.7	52.1
(PLNS, 50,100,V,V,AH,9)	20.0	-124.5	7.6	-1.8	0.9	0.9	154.6	48.1
(PLNS, 50,100,H,V, P,3)	20.0	-134.3	9.6	-20.8	0.9	0.9	147.4	40.8
(PLNS, 50,100,H,V, P,6)	20.0	-131.8	9.6	-19.5	0.9	0.9	146.2	39.7
(PLNS, 50,100,H,V, P,9)	20.0	-142.4	9.6	-21.7	0.9	0.9	154.6	48.0
(PLNS, 50,100,H,V,AV,3)	20.0	-134.1	9.6	-20.8	0.9	0.9	147.2	40.6
(PLNS, 50,100,H,V,AV,6)	20.0	-131.4	9.6	-19.5	0.9	0.9	145.8	39.3
(PLNS, 50,100,H,V,AV,9)	20.0	-131.4	9.6	-21.7	0.9	0.9	143.6	37.1
(PLNS, 50,100,H,V,AH,3)	20.0	-130.6	9.6	-20.8	0.9	0.9	143.7	37.1
(PLNS, 50,100,H,V,AH,6)	20.0	-137.0	9.6	-19.5	0.9	0.9	151.4	44.9
(PLNS, 50,100,H,V,AH,9)	20.0	-138.5	9.6	-21.7	0.9	0.9	150.7	44.2
(PLNS, 50,100,V,H, P,3)	20.0	-142.5	7.6	-22.1	0.9	0.9	152.3	45.8
(PLNS, 50,100,V,H, P,6)	20.0	-136.6	7.6	-16.1	0.9	0.9	152.4	45.8
(PLNS, 50,100,V,H, P,9)	20.0	-133.5	7.6	-16.8	0.9	0.9	148.6	42.0
(PLNS, 50,100,V,H,AV,3)	20.0	-141.7	7.6	-22.1	0.9	0.9	151.5	45.0
(PLNS, 50,100,V,H,AV,6)	20.0	-133.2	7.6	-16.1	0.9	0.9	149.0	42.5
(PLNS, 50,100,V,H,AV,9)	20.0	-129.0	7.6	-16.8	0.9	0.9	144.1	37.6
(PLNS, 50,100,V,H,AH,3)	20.0	-134.1	7.6	-22.1	0.9	0.9	143.9	37.3
(PLNS, 50,100,V,H,AH,6)	20.0	-128.5	7.6	-16.1	0.9	0.9	144.3	37.8
(PLNS, 50,100,V,H,AH,9)	20.0	-127.5	7.6	-16.8	0.9	0.9	142.6	36.0
(PLNS, 50,100,H,H, P,3)	20.0	-130.6	9.6	0.1	0.9	0.9	164.6	58.0
(PLNS, 50,100,H,H, P,6)	20.0	-121.6	9.6	1.2	0.9	0.9	156.7	50.2
(PLNS, 50,100,H,H, P,9)	20.0	-117.3	9.6	0.8	0.9	0.9	152.0	45.4
(PLNS, 50,100,H,H,AV,3)	20.0	-131.3	9.6	0.1	0.9	0.9	165.3	58.8
(PLNS, 50,100,H,H,AV,6)	20.0	-122.4	9.6	1.2	0.9	0.9	157.5	50.9
(PLNS, 50,100,H,H,AV,9)	20.0	-117.0	9.6	0.8	0.9	0.9	151.7	45.2
(PLNS, 50,100,H,H,AH,3)	20.0	-121.2	9.6	0.1	0.9	0.9	155.2	48.6
(PLNS, 50,100,H,H,AH,6)	20.0	-117.2	9.6	1.2	0.9	0.9	152.3	45.7
(PLNS, 50,100,H,H,AH,9)	20.0	-116.0	9.6	0.8	0.9	0.9	150.7	44.2
(KLIR, 15,100,H,H, P,3)	42.2	-66.1		-0.7		0.9	112.8	17.1
(KLIR, 15,100,H,H, P,6)	42.2	-64.1		1.2		0.9	112.7	17.0
(KLIR, 15,100,H,H, P,9)	42.2	-60.2		0.8		0.9	108.4	12.7
(KLIR, 15,100,H,H,AV,3)	42.2	-69.2		-0.7		0.9	115.9	20.2
(KLIR, 15,100,H,H,AV,6)	42.2	-61.4		1.2		0.9	110.0	14.3
(KLIR, 15,100,H,H,AV,9)	42.2	-57.0		0.8		0.9	105.2	9.5
(KLIR, 15,100,H,H,AH,3)	42.2	-67.5		-0.7		0.9	114.2	18.4
(KLIR, 15,100,H,H,AH,6)	42.2	-63.0		1.2		0.9	111.6	15.9
(KLIR, 15,100,H,H,AH,9)	42.2	-58.9		0.8		0.9	107.1	11.4

COLORADO PLAINS B= 50KM SITE 38

DATE 11-25-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-132.8	-3.5	-2.6	0.1	-0.0	150.6	58.1
(PLNS, 50, 20,V,V,AV,3)	24.0	-131.0	-3.5	-2.6	0.1	-0.0	148.8	56.4
(PLNS, 50, 20,V,V,AH,3)	24.0	-130.3	-3.5	-2.6	0.1	-0.0	148.1	55.6
(PLNS, 50, 50,V,V, P,1)	24.0	-142.0	-2.2	4.7	1.2	0.2	167.1	66.7
(PLNS, 50, 50,V,V, P,3)	24.0	-139.5	-2.2	0.6	1.2	0.2	160.5	60.1
(PLNS, 50, 50,V,V,AV,1)	24.0	-144.0	-2.2	4.7	1.2	0.2	169.1	68.7
(PLNS, 50, 50,V,V,AV,3)	24.0	-150.0	-2.2	0.6	1.2	0.2	171.0	70.6
(PLNS, 50, 50,V,V,AH,1)	24.0	-144.0	-2.2	4.7	1.2	0.2	169.1	68.7
(PLNS, 50, 50,V,V,AH,3)	24.0	-150.3	-2.2	0.6	1.2	0.2	171.3	70.8



COLORADO PLAINS R=50KM SITE 38

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-10-64	24.57	L5	80%	39.0	52.0

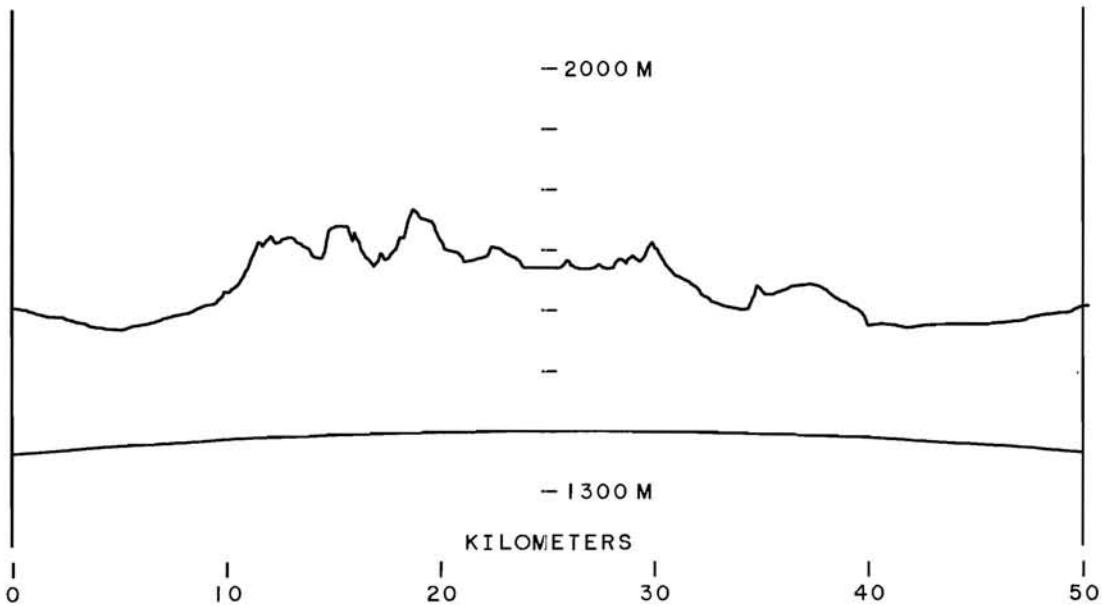
RESIDENTIAL SECTION, HOUSES ARE LOW 1-STORY BRICK. POWER AND PHONE LINES 20FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-136.2	7.6	-4.1	0.9	0.9	164.0	57.4
(PLNS, 50,100,V,V, P,6)	20.0	-131.0	7.6	-2.4	0.9	0.9	160.5	53.9
(PLNS, 50,100,V,V, P,9)	20.0	-127.5	7.6	-2.2	0.9	0.9	157.2	50.6
(PLNS, 50,100,V,V,AV,3)	20.0	-129.8	7.6	-4.1	0.9	0.9	157.6	51.0
(PLNS, 50,100,V,V,AV,6)	20.0	-125.4	7.6	-2.4	0.9	0.9	154.9	48.4
(PLNS, 50,100,V,V,AV,9)	20.0	-123.4	7.6	-2.2	0.9	0.9	153.1	46.5
(PLNS, 50,100,V,V,AH,3)	20.0	-133.5	7.6	-4.1	0.9	0.9	161.3	54.7
(PLNS, 50,100,V,V,AH,6)	20.0	-127.5	7.6	-2.4	0.9	0.9	157.0	50.4
(PLNS, 50,100,V,V,AH,9)	20.0	-124.3	7.6	-2.2	0.9	0.9	154.0	47.5
(PLNS, 50,100,H,V, P,3)	20.0	-139.5	9.6	-20.5	0.9	0.9	152.9	46.4
(PLNS, 50,100,H,V, P,6)	20.0	-139.5	9.6	-23.5	0.9	0.9	149.9	43.4
(PLNS, 50,100,H,V, P,9)	20.0	-139.5	9.6	-24.0	0.9	0.9	149.4	42.9
(PLNS, 50,100,H,V,AV,3)	20.0	-138.3	9.6	-20.5	0.9	0.9	151.7	45.2
(PLNS, 50,100,H,V,AV,6)	20.0	-137.0	9.6	-23.5	0.9	0.9	147.4	40.9
(PLNS, 50,100,H,V,AV,9)	20.0	-139.3	9.6	-24.0	0.9	0.9	149.2	42.6
(PLNS, 50,100,H,V,AH,3)	20.0	-137.0	9.6	-20.5	0.9	0.9	150.4	43.9
(PLNS, 50,100,H,V,AH,6)	20.0	-137.0	9.6	-23.5	0.9	0.9	147.4	40.9
(PLNS, 50,100,H,V,AH,9)	20.0	-137.0	9.6	-24.0	0.9	0.9	146.9	40.4
(PLNS, 50,100,V,H, P,3)	20.0	-143.0	7.6	-17.8	0.9	0.9	157.1	50.6
(PLNS, 50,100,V,H, P,6)	20.0	-143.0	7.6	-18.0	0.9	0.9	156.9	50.4
(PLNS, 50,100,V,H, P,9)	20.0	-133.8	7.6	-16.5	0.9	0.9	149.2	42.6
(PLNS, 50,100,V,H,AV,3)	20.0	-139.7	7.6	-17.8	0.9	0.9	153.8	47.3
(PLNS, 50,100,V,H,AV,6)	20.0	-142.2	7.6	-18.0	0.9	0.9	156.1	49.6
(PLNS, 50,100,V,H,AV,9)	20.0	-142.7	7.6	-16.5	0.9	0.9	158.1	51.6
(PLNS, 50,100,V,H,AH,3)	20.0	-141.6	7.6	-17.8	0.9	0.9	155.7	49.2
(PLNS, 50,100,V,H,AH,6)	20.0	-135.4	7.6	-18.0	0.9	0.9	149.3	42.8
(PLNS, 50,100,V,H,AH,9)	20.0	-135.4	7.6	-16.5	0.9	0.9	150.8	44.3
(PLNS, 50,100,H,H, P,3)	20.0	-138.9	9.6	-0.2	0.9	0.9	172.6	66.1
(PLNS, 50,100,H,H, P,6)	20.0	-132.4	9.6	1.0	0.9	0.9	167.3	60.8
(PLNS, 50,100,H,H, P,9)	20.0	-127.5	9.6	0.6	0.9	0.9	162.0	55.4
(PLNS, 50,100,H,H,AV,3)	20.0	-132.9	9.6	-0.2	0.9	0.9	166.6	60.1
(PLNS, 50,100,H,H,AV,6)	20.0	-128.4	9.6	1.0	0.9	0.9	163.3	56.7
(PLNS, 50,100,H,H,AV,9)	20.0	-126.1	9.6	0.6	0.9	0.9	160.6	54.1
(PLNS, 50,100,H,H,AH,3)	20.0	-134.6	9.6	-0.2	0.9	0.9	168.3	61.8
(PLNS, 50,100,H,H,AH,6)	20.0	-134.6	9.6	1.0	0.9	0.9	169.5	63.0
(PLNS, 50,100,H,H,AH,9)	20.0	-131.0	9.6	0.6	0.9	0.9	165.5	58.9
(KLIR, 12,100,H,H, P,3)	42.2	-69.8		-0.1		0.9	117.1	23.3
(KLIR, 12,100,H,H, P,6)	42.2	-63.0		1.0		0.9	111.4	17.6
(KLIR, 12,100,H,H, P,9)	42.2	-58.3		0.6		0.9	106.3	12.5
(KLIR, 12,100,H,H,AV,3)	42.2	-71.9		-0.1		0.9	119.2	25.4
(KLIR, 12,100,H,H,AV,6)	42.2	-71.9		1.0		0.9	120.3	26.5
(KLIR, 12,100,H,H,AV,9)	42.2	-61.2		0.6		0.9	109.2	15.4
(KLIR, 12,100,H,H,AH,3)	42.2	-67.0		-0.1		0.9	114.3	20.6
(KLIR, 12,100,H,H,AH,6)	42.2	-63.0		1.0		0.9	111.4	17.6
(KLIR, 12,100,H,H,AH,9)	42.2	-58.7		0.6		0.9	106.7	12.9

COLORADO PLAINS B= 50KM SITE 39

DATE 11-25-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-131.2	-3.7	-3.5	0.1	-0.0	147.9	55.4
(PLNS, 50, 20,V,V,AV,3)	24.0	-135.0	-3.7	-3.5	0.1	-0.0	151.7	59.3
(PLNS, 50, 20,V,V,AH,3)	24.0	-131.0	-3.7	-3.5	0.1	-0.0	147.7	55.3
(PLNS, 50, 50,V,V, P,1)	24.0	-145.0	-2.2	-5.0	1.2	0.2	160.4	59.9
(PLNS, 50, 50,V,V, P,3)	24.0	-139.8	-2.2	-2.3	1.2	0.2	157.9	57.4
(PLNS, 50, 50,V,V,AV,1)	24.0	-136.8	-2.2	-5.0	1.2	0.2	152.2	51.7
(PLNS, 50, 50,V,V,AV,3)	24.0	-133.5	-2.2	-2.3	1.2	0.2	151.6	51.2
(PLNS, 50, 50,V,V,AH,1)	24.0	-137.0	-2.2	-5.0	1.2	0.2	152.4	51.9
(PLNS, 50, 50,V,V,AH,3)	24.0	-133.0	-2.2	-2.3	1.2	0.2	151.1	50.7



COLORADO PLAINS B= 50KM SITF 39

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-10-64	24.60	H7,H2	100%	38.5	50.0

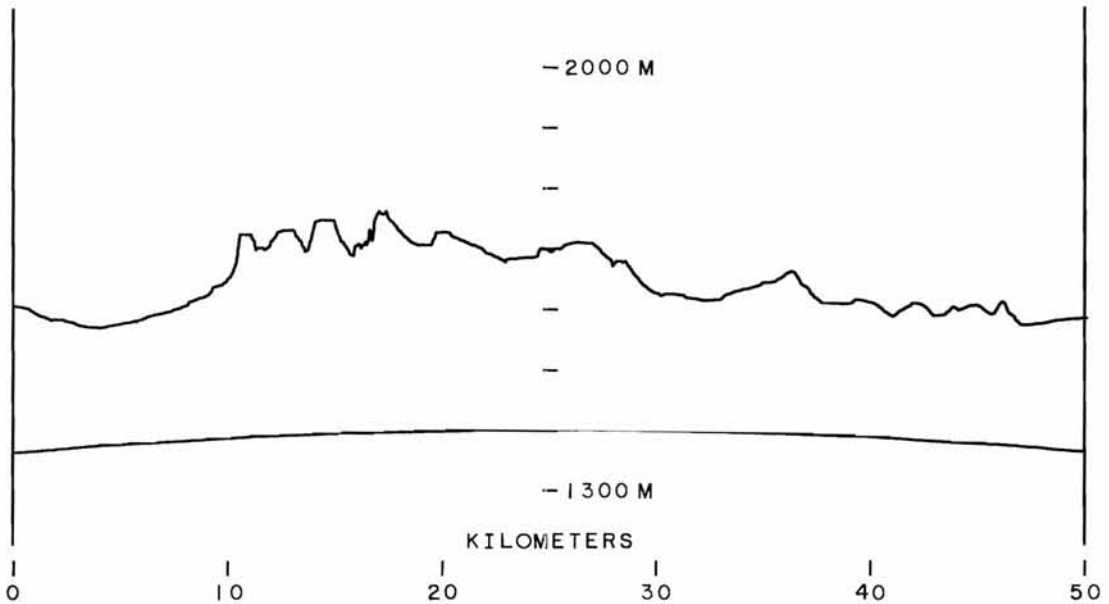
SITE IS BY OPEN FIELD TO NORTH. GROUND SLOPES DOWNWARD TO NORTH AND HOUSES BEGIN 1/2MI TO NORTH IN LINE OF SIGHT PATH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-127.8	7.6	1.2	0.9	0.9	160.9	54.3
(PLNS, 50,100,V,V, P,6)	20.0	-123.6	7.6	-1.0	0.9	0.9	154.5	47.9
(PLNS, 50,100,V,V, P,9)	20.0	-121.4	7.6	-1.1	0.9	0.9	152.2	45.7
(PLNS, 50,100,V,V,AV,3)	20.0	-120.3	7.6	1.2	0.9	0.9	153.4	46.9
(PLNS, 50,100,V,V,AV,6)	20.0	-117.5	7.6	-1.0	0.9	0.9	148.4	41.9
(PLNS, 50,100,V,V,AV,9)	20.0	-115.6	7.6	-1.1	0.9	0.9	146.4	39.8
(PLNS, 50,100,V,V,AH,3)	20.0	-134.3	7.6	1.2	0.9	0.9	167.4	60.8
(PLNS, 50,100,V,V,AH,6)	20.0	-130.4	7.6	-1.0	0.9	0.9	161.3	54.7
(PLNS, 50,100,V,V,AH,9)	20.0	-126.1	7.6	-1.1	0.9	0.9	156.9	50.4
(PLNS, 50,100,H,V, P,3)	20.0	-135.3	9.6	-17.0	0.9	0.9	152.2	45.6
(PLNS, 50,100,H,V, P,6)	20.0	-133.8	9.6	-16.0	0.9	0.9	151.7	45.1
(PLNS, 50,100,H,V, P,9)	20.0	-135.3	9.6	-18.3	0.9	0.9	150.9	44.3
(PLNS, 50,100,H,V,AV,3)	20.0	-135.1	9.6	-17.0	0.9	0.9	152.0	45.4
(PLNS, 50,100,H,V,AV,6)	20.0	-132.9	9.6	-16.0	0.9	0.9	150.8	44.3
(PLNS, 50,100,H,V,AV,9)	20.0	-135.1	9.6	-18.3	0.9	0.9	150.7	44.1
(PLNS, 50,100,H,V,AH,3)	20.0	-132.9	9.6	-17.0	0.9	0.9	149.8	43.3
(PLNS, 50,100,H,V,AH,6)	20.0	-135.4	9.6	-16.0	0.9	0.9	153.3	46.8
(PLNS, 50,100,H,V,AH,9)	20.0	-137.3	9.6	-18.3	0.9	0.9	152.9	46.3
(PLNS, 50,100,V,H, P,3)	20.0	-134.1	7.6	-18.6	0.9	0.9	147.4	40.8
(PLNS, 50,100,V,H, P,6)	20.0	-137.7	7.6	-17.0	0.9	0.9	152.6	46.1
(PLNS, 50,100,V,H, P,9)	20.0	-130.6	7.6	-18.0	0.9	0.9	144.5	37.9
(PLNS, 50,100,V,H,AV,3)	20.0	-133.4	7.6	-18.6	0.9	0.9	146.7	40.1
(PLNS, 50,100,V,H,AV,6)	20.0	-133.4	7.6	-17.0	0.9	0.9	148.3	41.7
(PLNS, 50,100,V,H,AV,9)	20.0	-130.2	7.6	-18.0	0.9	0.9	144.1	37.5
(PLNS, 50,100,V,H,AH,3)	20.0	-137.9	7.6	-18.6	0.9	0.9	151.2	44.7
(PLNS, 50,100,V,H,AH,6)	20.0	-140.3	7.6	-17.0	0.9	0.9	155.2	48.7
(PLNS, 50,100,V,H,AH,9)	20.0	-135.1	7.6	-18.0	0.9	0.9	149.0	42.4
(PLNS, 50,100,H,H, P,3)	20.0	-127.6	9.6	-1.8	0.9	0.9	159.7	53.2
(PLNS, 50,100,H,H, P,6)	20.0	-126.0	9.6	1.4	0.9	0.9	161.3	54.8
(PLNS, 50,100,H,H, P,9)	20.0	-123.0	9.6	1.0	0.9	0.9	157.9	51.4
(PLNS, 50,100,H,H,AV,3)	20.0	-128.1	9.6	-1.8	0.9	0.9	160.2	53.6
(PLNS, 50,100,H,H,AV,6)	20.0	-125.2	9.6	1.4	0.9	0.9	160.5	53.9
(PLNS, 50,100,H,H,AV,9)	20.0	-118.9	9.6	1.0	0.9	0.9	153.8	47.3
(PLNS, 50,100,H,H,AH,3)	20.0	-124.2	9.6	-1.8	0.9	0.9	156.3	49.8
(PLNS, 50,100,H,H,AH,6)	20.0	-121.3	9.6	1.4	0.9	0.9	156.6	50.1
(PLNS, 50,100,H,H,AH,9)	20.0	-120.1	9.6	1.0	0.9	0.9	155.0	48.5
(KLIR, 10,100,H,H, P,3)	42.2	-71.0		-1.2		0.9	117.2	25.0
(KLIR, 10,100,H,H, P,6)	42.2	-71.0		1.6		0.9	120.0	27.8
(KLIR, 10,100,H,H, P,9)	42.2	-65.0		1.1		0.9	113.5	21.4
(KLIR, 10,100,H,H,AV,3)	42.2	-70.9		-1.2		0.9	117.1	25.0
(KLIR, 10,100,H,H,AV,6)	42.2	-61.3		1.6		0.9	110.3	18.2
(KLIR, 10,100,H,H,AV,9)	42.2	-61.3		1.1		0.9	109.8	17.7
(KLIR, 10,100,H,H,AH,3)	42.2	-71.9		-1.2		0.9	118.1	26.0
(KLIR, 10,100,H,H,AH,6)	42.2	-61.7		1.6		0.9	110.7	18.6
(KLIR, 10,100,H,H,AH,9)	42.2	-57.2		1.1		0.9	105.7	13.5

COLORADO PLAINS B= 50KM SITE 40

DATE 11-25-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-131.5	-3.8	-3.6	0.1	-0.0	148.0	55.6
(PLNS, 50, 20,V,V,AV,3)	24.0	-131.5	-3.8	-3.6	0.1	-0.0	148.0	55.6
(PLNS, 50, 20,V,V,AH,3)	24.0	-131.5	-3.8	-3.6	0.1	-0.0	148.0	55.6
(PLNS, 50, 50,V,V, P,1)	24.0	-143.3	-2.2	-4.0	1.2	0.2	159.7	59.2
(PLNS, 50, 50,V,V, P,3)	24.0	-133.5	-2.2	-2.0	1.2	0.2	151.9	51.4
(PLNS, 50, 50,V,V,AV,1)	24.0	-143.3	-2.2	-4.0	1.2	0.2	159.7	59.2
(PLNS, 50, 50,V,V,AV,3)	24.0	-133.5	-2.2	-2.0	1.2	0.2	151.9	51.4
(PLNS, 50, 50,V,V,AH,1)	24.0	-143.3	-2.2	-4.0	1.2	0.2	159.7	59.2
(PLNS, 50, 50,V,V,AH,3)	24.0	-133.5	-2.2	-2.0	1.2	0.2	151.9	51.4



COLORADO PLAINS R= 50KM SITE 40

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
04-08-64	PRESSURE	TYPE	PERCENT	WET	DRY
	24.82	H2	50%	42.5	57.5

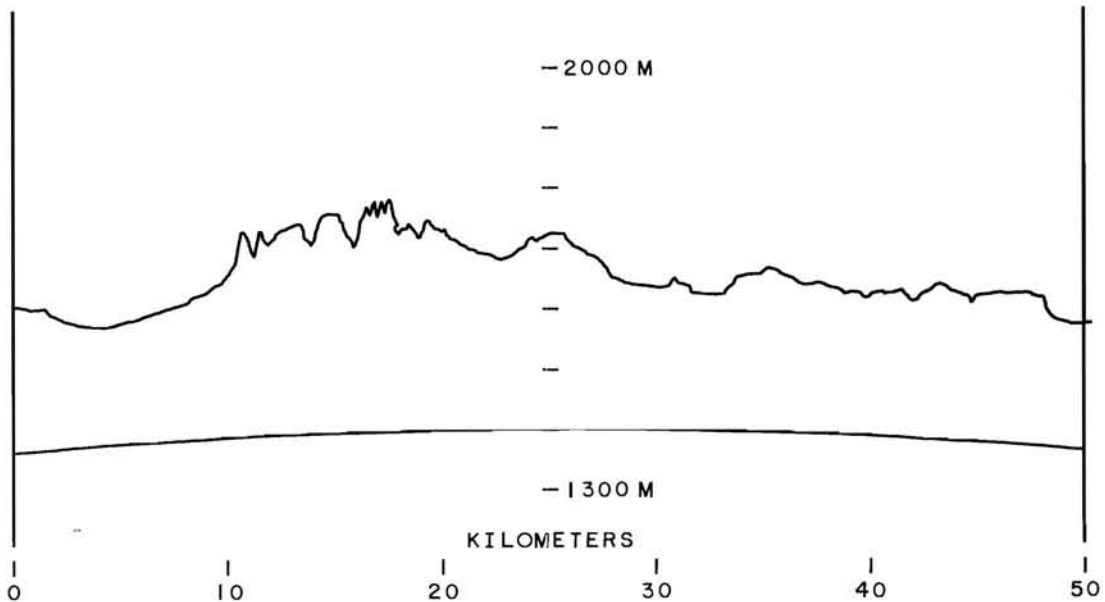
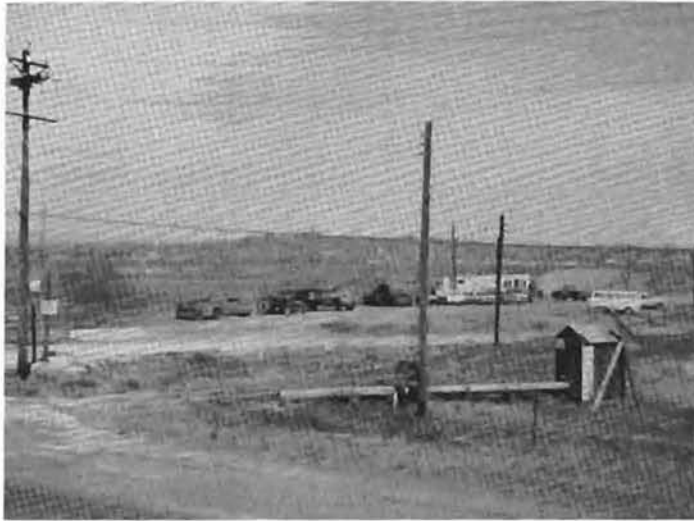
RESIDENTIAL SECTION, 1 AND 2 STORY FRAME HOUSES. STREET LINED WITH 40 FT SHADE TREES. NO POWER OR PHONE LINES.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 50,100,V,V, P,3)	20.0	-131.0	7.6	0.8	0.9	0.9	163.7	57.1
(PLNS, 50,100,V,V, P,6)	20.0	-131.8	7.6	-1.0	0.9	0.9	162.7	56.2
(PLNS, 50,100,V,V, P,9)	20.0	-129.6	7.6	-1.1	0.9	0.9	160.4	53.8
(PLNS, 50,100,V,V,AV,3)	20.0	-131.0	7.6	0.8	0.9	0.9	163.7	57.1
(PLNS, 50,100,V,V,AV,6)	20.0	-131.8	7.6	-1.0	0.9	0.9	162.7	56.2
(PLNS, 50,100,V,V,AV,9)	20.0	-129.6	7.6	-1.1	0.9	0.9	160.4	53.8
(PLNS, 50,100,V,V,AH,3)	20.0	-131.0	7.6	0.8	0.9	0.9	163.7	57.1
(PLNS, 50,100,V,V,AH,6)	20.0	-131.8	7.6	-1.0	0.9	0.9	162.7	56.2
(PLNS, 50,100,V,V,AH,9)	20.0	-129.6	7.6	-1.1	0.9	0.9	160.4	53.8
(PLNS, 50,100,H,V, P,3)	20.0	-141.6	9.6	-17.8	0.9	0.9	157.7	51.2
(PLNS, 50,100,H,V, P,6)	20.0	-141.6	9.6	-16.3	0.9	0.9	159.2	52.7
(PLNS, 50,100,H,V, P,9)	20.0	-141.6	9.6	-18.6	0.9	0.9	156.9	50.4
(PLNS, 50,100,H,V,AV,3)	20.0	-141.6	9.6	-17.8	0.9	0.9	157.7	51.2
(PLNS, 50,100,H,V,AV,6)	20.0	-141.6	9.6	-16.3	0.9	0.9	159.2	52.7
(PLNS, 50,100,H,V,AV,9)	20.0	-141.6	9.6	-18.6	0.9	0.9	156.9	50.4
(PLNS, 50,100,H,V,AH,3)	20.0	-141.6	9.6	-17.8	0.9	0.9	157.7	51.2
(PLNS, 50,100,H,V,AH,6)	20.0	-141.6	9.6	-16.3	0.9	0.9	159.2	52.7
(PLNS, 50,100,H,V,AH,9)	20.0	-141.6	9.6	-18.6	0.9	0.9	156.9	50.4
(PLNS, 50,100,V,H, P,3)	20.0	-149.0	7.6	-18.5	0.9	0.9	162.4	55.9
(PLNS, 50,100,V,H, P,6)	20.0	-141.7	7.6	-16.6	0.9	0.9	157.0	50.5
(PLNS, 50,100,V,H, P,9)	20.0	-137.0	7.6	-18.0	0.9	0.9	150.9	44.4
(PLNS, 50,100,V,H,AV,3)	20.0	-149.0	7.6	-18.5	0.9	0.9	162.4	55.9
(PLNS, 50,100,V,H,AV,6)	20.0	-141.7	7.6	-16.6	0.9	0.9	157.0	50.5
(PLNS, 50,100,V,H,AV,9)	20.0	-137.0	7.6	-18.0	0.9	0.9	150.9	44.4
(PLNS, 50,100,V,H,AH,3)	20.0	-149.0	7.6	-18.5	0.9	0.9	162.4	55.9
(PLNS, 50,100,V,H,AH,6)	20.0	-141.7	7.6	-16.6	0.9	0.9	157.0	50.5
(PLNS, 50,100,V,H,AH,9)	20.0	-137.0	7.6	-18.0	0.9	0.9	150.9	44.4
(PLNS, 50,100,H,H, P,3)	20.0	-139.2	9.6	-1.8	0.9	0.9	171.3	64.7
(PLNS, 50,100,H,H, P,6)	20.0	-131.0	9.6	1.4	0.9	0.9	166.3	59.8
(PLNS, 50,100,H,H, P,9)	20.0	-127.6	9.6	1.0	0.9	0.9	162.5	56.0
(PLNS, 50,100,H,H,AV,3)	20.0	-139.2	9.6	-1.8	0.9	0.9	171.3	64.7
(PLNS, 50,100,H,H,AV,6)	20.0	-131.0	9.6	1.4	0.9	0.9	166.3	59.8
(PLNS, 50,100,H,H,AV,9)	20.0	-127.6	9.6	1.0	0.9	0.9	162.5	56.0
(PLNS, 50,100,H,H,AH,3)	20.0	-139.2	9.6	-1.8	0.9	0.9	171.3	64.7
(PLNS, 50,100,H,H,AH,6)	20.0	-131.0	9.6	1.4	0.9	0.9	166.3	59.8
(PLNS, 50,100,H,H,AH,9)	20.0	-127.6	9.6	1.0	0.9	0.9	162.5	56.0
(KLIR, 8,100,H,H, P,3)	42.2	-65.4		-1.7		0.9	111.1	20.6
(KLIR, 8,100,H,H, P,6)	42.2	-62.8		1.6		0.9	111.8	21.4
(KLIR, 8,100,H,H, P,9)	42.2	-59.9		1.1		0.9	108.4	17.9
(KLIR, 8,100,H,H,AV,3)	42.2	-65.4		-1.7		0.9	111.1	20.6
(KLIR, 8,100,H,H,AV,6)	42.2	-62.8		1.6		0.9	111.8	21.4
(KLIR, 8,100,H,H,AV,9)	42.2	-59.9		1.1		0.9	108.4	17.9
(KLIR, 8,100,H,H,AH,3)	42.2	-65.4		-1.7		0.9	111.1	20.6
(KLIR, 8,100,H,H,AH,6)	42.2	-62.8		1.6		0.9	111.8	21.4
(KLIR, 8,100,H,H,AH,9)	42.2	-59.9		1.1		0.9	108.4	17.9

COLORADO PLAINS B= 50KM SITE 41

DATE 11-24-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-132.8	-3.9	-3.6	0.1	-0.0	149.2	56.7
(PLNS, 50, 20,V,V,AV,3)	24.0	-132.8	-3.9	-3.6	0.1	-0.0	149.2	56.7
(PLNS, 50, 20,V,V,AH,3)	24.0	-132.8	-3.9	-3.6	0.1	-0.0	149.2	56.7
(PLNS, 50, 50,V,V, P,1)	24.0	-150.0	-2.2	-3.2	1.2	0.2	167.2	66.8
(PLNS, 50, 50,V,V, P,3)	24.0	-145.0	-2.2	-1.7	1.2	0.2	163.7	63.3
(PLNS, 50, 50,V,V,AV,1)	24.0	-150.0	-2.2	-3.2	1.2	0.2	167.2	66.8
(PLNS, 50, 50,V,V,AV,3)	24.0	-145.0	-2.2	-1.7	1.2	0.2	163.7	63.3
(PLNS, 50, 50,V,V,AH,1)	24.0	-150.0	-2.2	-3.2	1.2	0.2	167.2	66.8
(PLNS, 50, 50,V,V,AH,3)	24.0	-145.0	-2.2	-1.7	1.2	0.2	163.7	63.3



COLORADO PLAINS R= 50KM SITE 41

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN
DATE	PRESSURE	TYPE	PERCENT	WET DRY
04-15-64	24.84	H6	10%	48.5 73.0

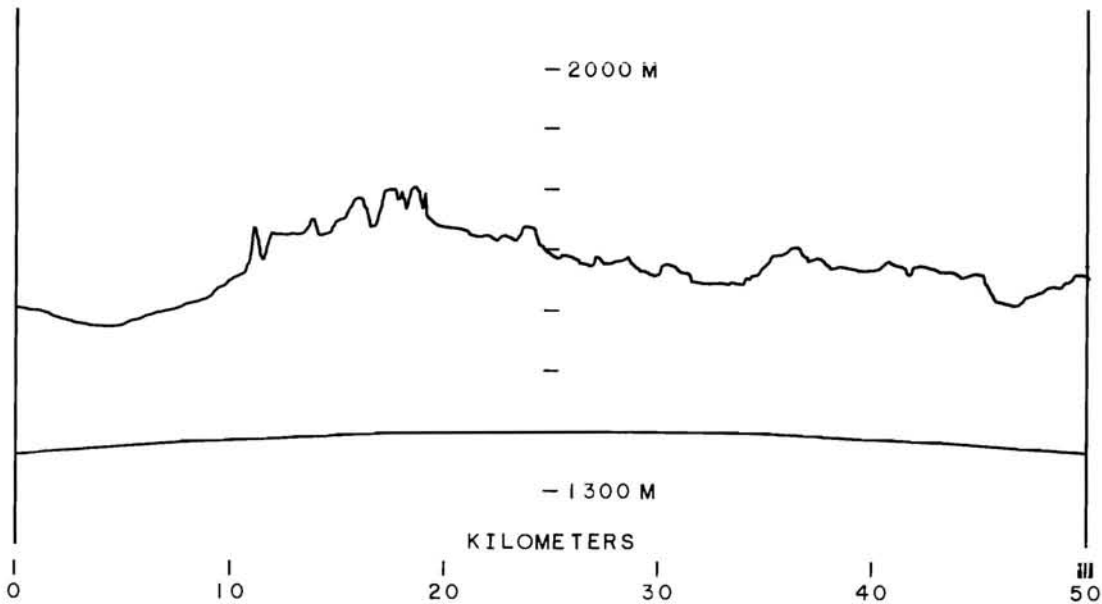
SITE IS ACROSS ROAD FROM ESCO PAVING COMPANY WHICH HAS NUMEROUS VEHICLES AND EQUIPMENT PARKED ON THEIR PROPERTY. HORIZON IS HILL ABOUT 1 1/2MI TO NORTHWEST WITH BRICK BUILDINGS ON SUMMIT.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-134.1	7.6	0.4	0.9	0.9	166.4	59.8
(PLNS, 50,100,V,V, P,6)	20.0	-131.7	7.6	-1.1	0.9	0.9	162.5	55.9
(PLNS, 50,100,V,V, P,9)	20.0	-132.4	7.6	-1.2	0.9	0.9	163.1	56.6
(PLNS, 50,100,V,V,AV,3)	20.0	-134.1	7.6	0.4	0.9	0.9	166.4	59.8
(PLNS, 50,100,V,V,AV,6)	20.0	-131.7	7.6	-1.1	0.9	0.9	162.5	55.9
(PLNS, 50,100,V,V,AV,9)	20.0	-132.4	7.6	-1.2	0.9	0.9	163.1	56.6
(PLNS, 50,100,V,V,AH,3)	20.0	-134.1	7.6	0.4	0.9	0.9	166.4	59.8
(PLNS, 50,100,V,V,AH,6)	20.0	-131.7	7.6	-1.1	0.9	0.9	162.5	55.9
(PLNS, 50,100,V,V,AH,9)	20.0	-132.4	7.6	-1.2	0.9	0.9	163.1	56.6
(PLNS, 50,100,H,V, P,3)	20.0	-134.1	9.6	-18.6	0.9	0.9	149.4	42.8
(PLNS, 50,100,H,V, P,6)	20.0	-129.8	9.6	-16.4	0.9	0.9	147.3	40.7
(PLNS, 50,100,H,V, P,9)	20.0	-133.2	9.6	-18.7	0.9	0.9	148.4	41.9
(PLNS, 50,100,H,V,AV,3)	20.0	-134.1	9.6	-18.6	0.9	0.9	149.4	42.8
(PLNS, 50,100,H,V,AV,6)	20.0	-129.8	9.6	-16.4	0.9	0.9	147.3	40.7
(PLNS, 50,100,H,V,AV,9)	20.0	-133.2	9.6	-18.7	0.9	0.9	148.4	41.9
(PLNS, 50,100,H,V,AH,3)	20.0	-134.1	9.6	-18.6	0.9	0.9	149.4	42.8
(PLNS, 50,100,H,V,AH,6)	20.0	-129.8	9.6	-16.4	0.9	0.9	147.3	40.7
(PLNS, 50,100,H,V,AH,9)	20.0	-133.2	9.6	-18.7	0.9	0.9	148.4	41.9
(PLNS, 50,100,V,H, P,3)	20.0	-136.2	7.6	-18.5	0.9	0.9	149.6	43.0
(PLNS, 50,100,V,H, P,6)	20.0	-134.0	7.6	-16.3	0.9	0.9	149.6	43.0
(PLNS, 50,100,V,H, P,9)	20.0	-132.4	7.6	-18.0	0.9	0.9	146.3	39.8
(PLNS, 50,100,V,H,AV,3)	20.0	-136.2	7.6	-18.5	0.9	0.9	149.6	43.0
(PLNS, 50,100,V,H,AV,6)	20.0	-134.0	7.6	-16.3	0.9	0.9	149.6	43.0
(PLNS, 50,100,V,H,AV,9)	20.0	-132.4	7.6	-18.0	0.9	0.9	146.3	39.8
(PLNS, 50,100,V,H,AH,3)	20.0	-136.2	7.6	-18.5	0.9	0.9	149.6	43.0
(PLNS, 50,100,V,H,AH,6)	20.0	-134.0	7.6	-16.3	0.9	0.9	149.6	43.0
(PLNS, 50,100,V,H,AH,9)	20.0	-132.4	7.6	-18.0	0.9	0.9	146.3	39.8
(PLNS, 50,100,H,H, P,3)	20.0	-136.6	9.6	-1.7	0.9	0.9	168.8	62.2
(PLNS, 50,100,H,H, P,6)	20.0	-134.1	9.6	1.4	0.9	0.9	169.4	62.8
(PLNS, 50,100,H,H, P,9)	20.0	-134.1	9.6	1.0	0.9	0.9	169.0	62.4
(PLNS, 50,100,H,H,AV,3)	20.0	-136.6	9.6	-1.7	0.9	0.9	168.8	62.2
(PLNS, 50,100,H,H,AV,6)	20.0	-134.1	9.6	1.4	0.9	0.9	169.4	62.8
(PLNS, 50,100,H,H,AV,9)	20.0	-134.1	9.6	1.0	0.9	0.9	169.0	62.4
(PLNS, 50,100,H,H,AH,3)	20.0	-136.6	9.6	-1.7	0.9	0.9	168.8	62.2
(PLNS, 50,100,H,H,AH,6)	20.0	-134.1	9.6	1.4	0.9	0.9	169.4	62.8
(PLNS, 50,100,H,H,AH,9)	20.0	-134.1	9.6	1.0	0.9	0.9	169.0	62.4
(KLIR, 7,100,H,H, P,3)	42.2	-63.9		-2.0		0.9	109.3	20.0
(KLIR, 7,100,H,H, P,6)	42.2	-62.5		1.5		0.9	111.4	22.1
(KLIR, 7,100,H,H, P,9)	42.2	-60.3		1.1		0.9	108.8	19.5
(KLIR, 7,100,H,H,AV,3)	42.2	-63.9		-2.0		0.9	109.3	20.0
(KLIR, 7,100,H,H,AV,6)	42.2	-62.5		1.5		0.9	111.4	22.1
(KLIR, 7,100,H,H,AV,9)	42.2	-60.3		1.1		0.9	108.8	19.5
(KLIR, 7,100,H,H,AH,3)	42.2	-63.9		-2.0		0.9	109.3	20.0
(KLIR, 7,100,H,H,AH,6)	42.2	-62.5		1.5		0.9	111.4	22.1
(KLIR, 7,100,H,H,AH,9)	42.2	-60.3		1.1		0.9	108.8	19.5

COLORADO PLAINS B= 50KM SITE 42

DATE 11-24-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-131.0	-4.0	-2.4	0.1	-0.0	148.5	56.1
(PLNS, 50, 20,V,V,AV,3)	24.0	-131.5	-4.0	-2.4	0.1	-0.0	149.0	56.6
(PLNS, 50, 20,V,V,AH,3)	24.0	-131.0	-4.0	-2.4	0.1	-0.0	148.5	56.1
(PLNS, 50, 50,V,V, P,1)	24.0	-143.8	-2.2	5.0	1.2	0.2	169.2	68.7
(PLNS, 50, 50,V,V, P,3)	24.0	-143.8	-2.2	0.1	1.2	0.2	164.3	63.8
(PLNS, 50, 50,V,V,AV,1)	24.0	-140.7	-2.2	5.0	1.2	0.2	166.1	65.6
(PLNS, 50, 50,V,V,AV,3)	24.0	-140.5	-2.2	0.1	1.2	0.2	161.0	60.6
(PLNS, 50, 50,V,V,AH,1)	24.0	-143.8	-2.2	5.0	1.2	0.2	169.2	68.7
(PLNS, 50, 50,V,V,AH,3)	24.0	-143.8	-2.2	0.1	1.2	0.2	164.3	63.8



COLORADO PLAINS R= 50KM SITE 42

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-15-64	24.59	H6	5%	48.0	70.0

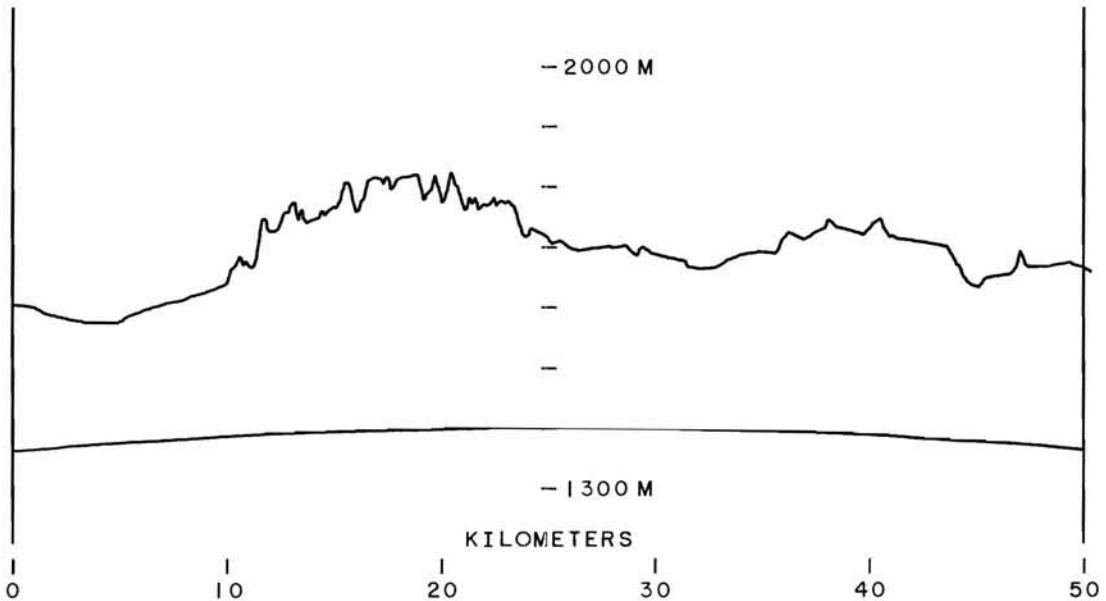
LINE OF SIGHT HORIZON TOWARD TRANSMITTER IS HILL ABOUT 1/4MI TO NORTH IN BACK OF TRUCK. AREA IS WIDELY SPACED 1 STORY HOMES.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-141.2	7.6	-4.1	0.9	0.9	169.0	62.4
(PLNS, 50,100,V,V, P,6)	20.0	-140.1	7.6	-2.4	0.9	0.9	169.6	63.1
(PLNS, 50,100,V,V, P,9)	20.0	-136.6	7.6	-2.2	0.9	0.9	166.3	59.7
(PLNS, 50,100,V,V,AV,3)	20.0	-132.9	7.6	-4.1	0.9	0.9	160.7	54.2
(PLNS, 50,100,V,V,AV,6)	20.0	-128.9	7.6	-2.4	0.9	0.9	158.4	51.8
(PLNS, 50,100,V,V,AV,9)	20.0	-125.0	7.6	-2.2	0.9	0.9	154.7	48.1
(PLNS, 50,100,V,V,AH,3)	20.0	-141.2	7.6	-4.1	0.9	0.9	169.0	62.4
(PLNS, 50,100,V,V,AH,6)	20.0	-140.1	7.6	-2.4	0.9	0.9	169.6	63.1
(PLNS, 50,100,V,V,AH,9)	20.0	-136.6	7.6	-2.2	0.9	0.9	166.3	59.7
(PLNS, 50,100,H,V, P,3)	20.0	-141.2	9.6	-22.7	0.9	0.9	152.4	45.8
(PLNS, 50,100,H,V, P,6)	20.0	-141.2	9.6	-25.2	0.9	0.9	149.9	43.3
(PLNS, 50,100,H,V, P,9)	20.0	-141.2	9.6	-23.0	0.9	0.9	152.1	45.5
(PLNS, 50,100,H,V,AV,3)	20.0	-120.3	9.6	-22.7	0.9	0.9	131.5	25.0
(PLNS, 50,100,H,V,AV,6)	20.0	-120.3	9.6	-25.2	0.9	0.9	129.0	22.5
(PLNS, 50,100,H,V,AV,9)	20.0	-120.3	9.6	-23.0	0.9	0.9	131.2	24.7
(PLNS, 50,100,H,V,AH,3)	20.0	-141.2	9.6	-22.7	0.9	0.9	152.4	45.8
(PLNS, 50,100,H,V,AH,6)	20.0	-141.2	9.6	-25.2	0.9	0.9	149.9	43.3
(PLNS, 50,100,H,V,AH,9)	20.0	-141.2	9.6	-23.0	0.9	0.9	152.1	45.5
(PLNS, 50,100,V,H, P,3)	20.0	-135.4	7.6	-17.9	0.9	0.9	149.4	42.9
(PLNS, 50,100,V,H, P,6)	20.0	-133.2	7.6	-17.5	0.9	0.9	147.6	41.1
(PLNS, 50,100,V,H, P,9)	20.0	-132.1	7.6	-16.4	0.9	0.9	147.6	41.1
(PLNS, 50,100,V,H,AV,3)	20.0	-120.3	7.6	-17.9	0.9	0.9	134.3	27.8
(PLNS, 50,100,V,H,AV,6)	20.0	-135.1	7.6	-17.5	0.9	0.9	149.5	42.9
(PLNS, 50,100,V,H,AV,9)	20.0	-131.9	7.6	-16.4	0.9	0.9	147.4	40.9
(PLNS, 50,100,V,H,AH,3)	20.0	-135.4	7.6	-17.9	0.9	0.9	149.4	42.9
(PLNS, 50,100,V,H,AH,6)	20.0	-133.2	7.6	-17.5	0.9	0.9	147.6	41.1
(PLNS, 50,100,V,H,AH,9)	20.0	-132.1	7.6	-16.4	0.9	0.9	147.6	41.1
(PLNS, 50,100,H,H, P,3)	20.0	-135.1	9.6	-0.2	0.9	0.9	168.8	62.2
(PLNS, 50,100,H,H, P,6)	20.0	-130.2	9.6	1.0	0.9	0.9	165.1	58.5
(PLNS, 50,100,H,H, P,9)	20.0	-129.0	9.6	0.6	0.9	0.9	163.5	57.0
(PLNS, 50,100,H,H,AV,3)	20.0	-141.2	9.6	-0.2	0.9	0.9	174.9	68.3
(PLNS, 50,100,H,H,AV,6)	20.0	-137.9	9.6	1.0	0.9	0.9	172.8	66.3
(PLNS, 50,100,H,H,AV,9)	20.0	-135.1	9.6	0.6	0.9	0.9	169.6	63.0
(PLNS, 50,100,H,H,AH,3)	20.0	-135.1	9.6	-0.2	0.9	0.9	168.8	62.2
(PLNS, 50,100,H,H,AH,6)	20.0	-130.2	9.6	1.0	0.9	0.9	165.1	58.5
(PLNS, 50,100,H,H,AH,9)	20.0	-129.0	9.6	0.6	0.9	0.9	163.5	57.0
(KLIR, 7,100,H,H, P,3)	42.2	-67.5		-1.9		0.9	113.0	24.0
(KLJR, 7,100,H,H, P,6)	42.2	-63.0		1.6		0.9	112.0	23.1
(KLJP, 7,100,H,H, P,9)	42.2	-58.9		1.1		0.9	107.4	18.5
(KLIR, 7,100,H,H,AV,3)	42.2	-66.9		-1.8		0.9	112.5	23.6
(KLIR, 7,100,H,H,AV,6)	42.2	-63.0		1.6		0.9	112.0	23.1
(KLIR, 7,100,H,H,AV,9)	42.2	-59.6		1.1		0.9	108.1	19.2
(KLIR, 7,100,H,H,AH,3)	42.2	-67.5		-1.9		0.9	113.0	24.0
(KLIR, 7,100,H,H,AH,6)	42.2	-63.0		1.6		0.9	112.0	23.1
(KLIR, 7,100,H,H,AH,9)	42.2	-58.9		1.1		0.9	107.4	18.5

COLORADO PLAINS B= 50KM SITE 43

DATE 11-24-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-132.5	-4.0	1.3	0.1	-0.0	153.7	61.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-130.8	-4.0	1.3	0.1	-0.0	152.0	59.5
(PLNS, 50, 20,V,V,AH,3)	24.0	-132.5	-4.0	1.3	0.1	-0.0	153.7	61.3
(PLNS, 50, 50,V,V, P,1)	24.0	-150.5	-2.2	-3.4	1.2	0.2	167.5	67.1
(PLNS, 50, 50,V,V, P,3)	24.0	-138.6	-2.2	4.3	1.2	0.2	163.3	62.8
(PLNS, 50, 50,V,V,AV,1)	24.0	-149.8	-2.2	-3.4	1.2	0.2	166.8	66.3
(PLNS, 50, 50,V,V,AV,3)	24.0	-139.8	-2.2	4.3	1.2	0.2	164.5	64.0
(PLNS, 50, 50,V,V,AH,1)	24.0	-150.5	-2.2	-3.4	1.2	0.2	167.5	67.1
(PLNS, 50, 50,V,V,AH,3)	24.0	-138.6	-2.2	4.3	1.2	0.2	163.3	62.8



COLORADO PLAINS R= 50KM SITE 43

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
04-15-64	24.54	H6	5%	48.5	75.0

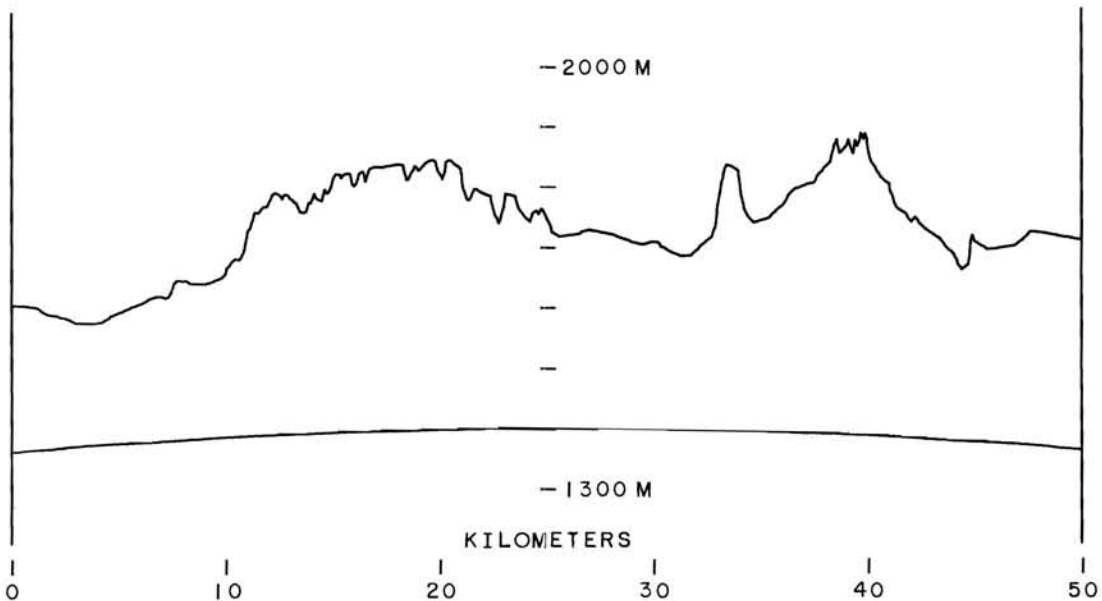
SITE IS OPEN FARMLAND. FEW 40FT TREES 1/2MI IN LINE OF SIGHT.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-142.7	7.6	0.1	0.9	0.9	174.7	68.2
(PLNS, 50,100,V,V, P,6)	20.0	-140.7	7.6	-0.5	0.9	0.9	172.1	65.6
(PLNS, 50,100,V,V, P,9)	20.0	-137.9	7.6	-1.3	0.9	0.9	168.5	62.0
(PLNS, 50,100,V,V,AV,3)	20.0	-137.2	7.6	0.1	0.9	0.9	169.2	62.6
(PLNS, 50,100,V,V,AV,6)	20.0	-134.6	7.6	-0.5	0.9	0.9	166.0	59.5
(PLNS, 50,100,V,V,AV,9)	20.0	-134.6	7.6	-1.3	0.9	0.9	165.2	58.7
(PLNS, 50,100,V,V,AH,3)	20.0	-142.7	7.6	0.1	0.9	0.9	174.7	68.2
(PLNS, 50,100,V,V,AH,6)	20.0	-140.7	7.6	-0.5	0.9	0.9	172.1	65.6
(PLNS, 50,100,V,V,AH,9)	20.0	-137.9	7.6	-1.3	0.9	0.9	168.5	62.0
(PLNS, 50,100,H,V, P,3)	20.0	-144.5	9.6	-22.5	0.9	0.9	155.9	49.4
(PLNS, 50,100,H,V, P,6)	20.0	-143.0	9.6	-20.5	0.9	0.9	156.4	49.9
(PLNS, 50,100,H,V, P,9)	20.0	-141.4	9.6	-22.0	0.9	0.9	153.3	46.8
(PLNS, 50,100,H,V,AV,3)	20.0	-142.5	9.6	-22.5	0.9	0.9	153.9	47.4
(PLNS, 50,100,H,V,AV,6)	20.0	-139.2	9.6	-20.5	0.9	0.9	152.6	46.0
(PLNS, 50,100,H,V,AV,9)	20.0	-142.5	9.6	-22.0	0.9	0.9	154.4	47.9
(PLNS, 50,100,H,V,AH,3)	20.0	-144.5	9.6	-22.5	0.9	0.9	155.9	49.4
(PLNS, 50,100,H,V,AH,6)	20.0	-143.0	9.6	-20.5	0.9	0.9	156.4	49.9
(PLNS, 50,100,H,V,AH,9)	20.0	-141.4	9.6	-22.0	0.9	0.9	153.3	46.8
(PLNS, 50,100,V,H, P,3)	20.0	-145.9	7.6	-22.6	0.9	0.9	155.2	48.6
(PLNS, 50,100,V,H, P,6)	20.0	-145.9	7.6	-16.0	0.9	0.9	161.8	55.2
(PLNS, 50,100,V,H, P,9)	20.0	-145.9	7.6	-16.6	0.9	0.9	161.2	54.6
(PLNS, 50,100,V,H,AV,3)	20.0	-145.0	7.6	-22.6	0.9	0.9	154.3	47.7
(PLNS, 50,100,V,H,AV,6)	20.0	-141.7	7.6	-16.0	0.9	0.9	157.6	51.1
(PLNS, 50,100,V,H,AV,9)	20.0	-140.7	7.6	-16.6	0.9	0.9	156.0	49.5
(PLNS, 50,100,V,H,AH,3)	20.0	-145.9	7.6	-22.6	0.9	0.9	155.2	48.6
(PLNS, 50,100,V,H,AH,6)	20.0	-145.9	7.6	-16.0	0.9	0.9	161.8	55.2
(PLNS, 50,100,V,H,AH,9)	20.0	-145.9	7.6	-16.6	0.9	0.9	161.2	54.6
(PLNS, 50,100,H,H, P,3)	20.0	-144.5	9.6	-0.5	0.9	0.9	177.9	71.4
(PLNS, 50,100,H,H, P,6)	20.0	-137.9	9.6	1.2	0.9	0.9	173.0	66.5
(PLNS, 50,100,H,H, P,9)	20.0	-135.0	9.6	1.0	0.9	0.9	169.9	63.4
(PLNS, 50,100,H,H,AV,3)	20.0	-138.9	9.6	-0.5	0.9	0.9	172.3	65.8
(PLNS, 50,100,H,H,AV,6)	20.0	-138.9	9.6	1.2	0.9	0.9	174.0	67.5
(PLNS, 50,100,H,H,AV,9)	20.0	-135.1	9.6	1.0	0.9	0.9	170.0	63.4
(PLNS, 50,100,H,H,AH,3)	20.0	-144.5	9.6	-0.5	0.9	0.9	177.9	71.4
(PLNS, 50,100,H,H,AH,6)	20.0	-137.9	9.6	1.2	0.9	0.9	173.0	66.5
(PLNS, 50,100,H,H,AH,9)	20.0	-135.0	9.6	1.0	0.9	0.9	169.9	63.4
(KLIR, 8,100,H,H, P,3)	42.2	-70.0		0.1		0.9	117.5	27.3
(KLIR, 8,100,H,H, P,6)	42.2	-66.1		1.6		0.9	115.1	24.9
(KLIR, 8,100,H,H, P,9)	42.2	-61.7		1.3		0.9	110.4	20.2
(KLIR, 8,100,H,H,AV,3)	42.2	-70.4		0.1		0.9	117.9	27.7
(KLIR, 8,100,H,H,AV,6)	42.2	-68.4		1.6		0.9	117.4	27.2
(KLIR, 8,100,H,H,AV,9)	42.2	-66.0		1.3		0.9	114.7	24.5
(KLIR, 8,100,H,H,AH,3)	42.2	-70.0		0.1		0.9	117.5	27.3
(KLIR, 8,100,H,H,AH,6)	42.2	-66.1		1.6		0.9	115.1	24.9
(KLIR, 8,100,H,H,AH,9)	42.2	-61.7		1.3		0.9	110.4	20.2

COLORADO PLAINS B= 50KM SITE 44

DATE 11-24-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-131.0	-4.2	1.5	0.1	-0.0	152.2	59.8
(PLNS, 50, 20,V,V,AV,3)	24.0	-131.0	-4.2	1.5	0.1	-0.0	152.2	59.8
(PLNS, 50, 20,V,V,AH,3)	24.0	-132.0	-4.2	1.5	0.1	-0.0	153.2	60.8
(PLNS, 50, 50,V,V, P,1)	24.0	-149.5	-2.2	-3.6	1.2	0.2	166.3	65.9
(PLNS, 50, 50,V,V, P,3)	24.0	-142.0	-2.2	4.9	1.2	0.2	167.3	66.9
(PLNS, 50, 50,V,V,AV,1)	24.0	-139.5	-2.2	-3.6	1.2	0.2	156.3	55.9
(PLNS, 50, 50,V,V,AV,3)	24.0	-139.0	-2.2	4.9	1.2	0.2	164.3	63.9
(PLNS, 50, 50,V,V,AH,1)	24.0	-149.5	-2.2	-3.6	1.2	0.2	166.3	65.9
(PLNS, 50, 50,V,V,AH,3)	24.0	-139.0	-2.2	4.9	1.2	0.2	164.3	63.9



COLORADO PLAINS R= 50KM SITE 44

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-15-64	24.36	H6	10%	48.5	74.5

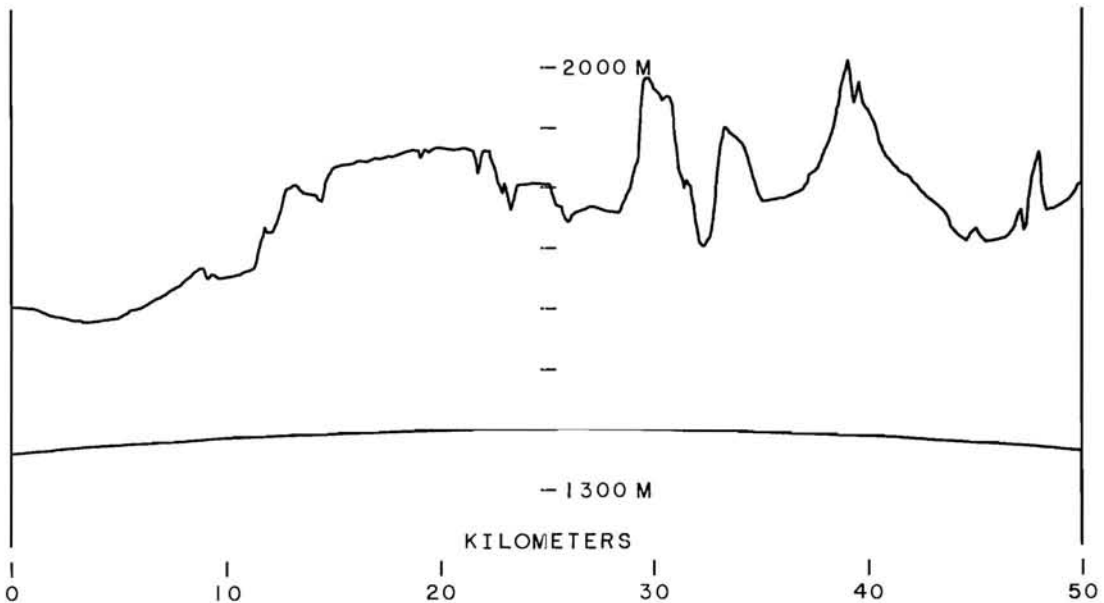
NO COMMENT.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-135.7	7.6	0.4	0.9	0.9	168.0	61.5
(PLNS, 50,100,V,V, P,6)	20.0	-135.7	7.6	-0.4	0.9	0.9	167.2	60.7
(PLNS, 50,100,V,V, P,9)	20.0	-134.7	7.6	-1.2	0.9	0.9	165.4	58.9
(PLNS, 50,100,V,V,AV,3)	20.0	-134.2	7.6	0.4	0.9	0.9	166.5	60.0
(PLNS, 50,100,V,V,AV,6)	20.0	-131.1	7.6	-0.4	0.9	0.9	162.6	56.1
(PLNS, 50,100,V,V,AV,9)	20.0	-130.6	7.6	-1.2	0.9	0.9	161.3	54.7
(PLNS, 50,100,V,V,AH,3)	20.0	-134.9	7.6	0.4	0.9	0.9	167.2	60.6
(PLNS, 50,100,V,V,AH,6)	20.0	-133.8	7.6	-0.4	0.9	0.9	165.3	58.7
(PLNS, 50,100,V,V,AH,9)	20.0	-132.3	7.6	-1.2	0.9	0.9	163.0	56.5
(PLNS, 50,100,H,V, P,3)	20.0	-136.2	9.6	-20.9	0.9	0.9	149.2	42.6
(PLNS, 50,100,H,V, P,6)	20.0	-135.9	9.6	-19.3	0.9	0.9	150.5	44.0
(PLNS, 50,100,H,V, P,9)	20.0	-138.2	9.6	-20.9	0.9	0.9	151.2	44.7
(PLNS, 50,100,H,V,AV,3)	20.0	-132.3	9.6	-20.9	0.9	0.9	145.3	38.8
(PLNS, 50,100,H,V,AV,6)	20.0	-132.3	9.6	-19.3	0.9	0.9	146.9	40.4
(PLNS, 50,100,H,V,AV,9)	20.0	-132.3	9.6	-20.9	0.9	0.9	145.3	38.8
(PLNS, 50,100,H,V,AH,3)	20.0	-137.2	9.6	-20.9	0.9	0.9	150.2	43.6
(PLNS, 50,100,H,V,AH,6)	20.0	-137.2	9.6	-19.3	0.9	0.9	151.8	45.2
(PLNS, 50,100,H,V,AH,9)	20.0	-135.4	9.6	-20.9	0.9	0.9	148.4	41.9
(PLNS, 50,100,V,H, P,3)	20.0	-139.2	7.6	-22.5	0.9	0.9	148.6	42.0
(PLNS, 50,100,V,H, P,6)	20.0	-137.7	7.6	-16.0	0.9	0.9	153.6	47.1
(PLNS, 50,100,V,H, P,9)	20.0	-151.9	7.6	-16.5	0.9	0.9	167.3	60.8
(PLNS, 50,100,V,H,AV,3)	20.0	-138.9	7.6	-22.5	0.9	0.9	148.3	41.8
(PLNS, 50,100,V,H,AV,6)	20.0	-135.8	7.6	-16.0	0.9	0.9	151.7	45.2
(PLNS, 50,100,V,H,AV,9)	20.0	-137.0	7.6	-16.5	0.9	0.9	152.4	45.9
(PLNS, 50,100,V,H,AH,3)	20.0	-132.9	7.6	-22.5	0.9	0.9	142.3	35.8
(PLNS, 50,100,V,H,AH,6)	20.0	-133.5	7.6	-16.0	0.9	0.9	149.4	42.8
(PLNS, 50,100,V,H,AH,9)	20.0	-133.5	7.6	-16.5	0.9	0.9	148.9	42.3
(PLNS, 50,100,H,H, P,3)	20.0	-138.9	9.6	-0.5	0.9	0.9	172.3	65.8
(PLNS, 50,100,H,H, P,6)	20.0	-137.0	9.6	1.3	0.9	0.9	172.2	65.7
(PLNS, 50,100,H,H, P,9)	20.0	-133.8	9.6	1.1	0.9	0.9	168.8	62.2
(PLNS, 50,100,H,H,AV,3)	20.0	-136.6	9.6	-0.5	0.9	0.9	170.0	63.4
(PLNS, 50,100,H,H,AV,6)	20.0	-135.8	9.6	1.3	0.9	0.9	171.0	64.5
(PLNS, 50,100,H,H,AV,9)	20.0	-136.6	9.6	1.1	0.9	0.9	171.6	65.0
(PLNS, 50,100,H,H,AH,3)	20.0	-134.1	9.6	-0.5	0.9	0.9	167.5	60.9
(PLNS, 50,100,H,H,AH,6)	20.0	-135.3	9.6	1.3	0.9	0.9	170.5	63.0
(PLNS, 50,100,H,H,AH,9)	20.0	-134.1	9.6	1.1	0.9	0.9	169.1	62.5
(KLIR, 10,100,H,H, P,3)	42.2	-68.1		1.0		0.9	116.5	24.0
(KLIR, 10,100,H,H, P,6)	42.2	-65.6		1.6		0.9	114.6	22.2
(KLIR, 10,100,H,H, P,9)	42.2	-62.7		1.4		0.9	111.5	19.0
(KLIR, 10,100,H,H,AV,3)	42.2	-65.0		1.0		0.9	113.4	20.9
(KLIR, 10,100,H,H,AV,6)	42.2	-65.0		1.6		0.9	114.0	21.5
(KLIR, 10,100,H,H,AV,9)	42.2	-60.1		1.4		0.9	108.9	16.5
(KLIR, 10,100,H,H,AH,3)	42.2	-67.0		1.0		0.9	115.4	23.0
(KLIR, 10,100,H,H,AH,6)	42.2	-63.7		1.6		0.9	112.7	20.3
(KLIR, 10,100,H,H,AH,9)	42.2	-60.1		1.4		0.9	108.9	16.5

COLORADO PLAINS B= 50KM SITE 45

DATE 11-24-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50, 20,V,V, P,3)	24.0	-127.6	-4.2	1.4	0.1	-0.0	148.7	56.3
(PLNS, 50, 20,V,V,AV,3)	24.0	-127.3	-4.2	1.4	0.1	-0.0	148.4	55.9
(PLNS, 50, 20,V,V,AH,3)	24.0	-125.5	-4.2	1.4	0.1	-0.0	146.6	54.1
(PLNS, 50, 50,V,V, P,1)	24.0	-139.5	-2.2	-3.5	1.2	0.2	156.4	55.9
(PLNS, 50, 50,V,V, P,3)	24.0	-130.8	-2.2	6.6	1.2	0.2	157.8	57.3
(PLNS, 50, 50,V,V,AV,1)	24.0	-137.3	-2.2	-3.5	1.2	0.2	154.2	53.7
(PLNS, 50, 50,V,V,AV,3)	24.0	-127.9	-2.2	6.6	1.2	0.2	154.9	54.4
(PLNS, 50, 50,V,V,AH,1)	24.0	-136.7	-2.2	-3.5	1.2	0.2	153.6	53.1
(PLNS, 50, 50,V,V,AH,3)	24.0	-127.0	-2.2	6.6	1.2	0.2	154.0	53.6



COLORADO PLAINS R= 50KM SITF 45

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

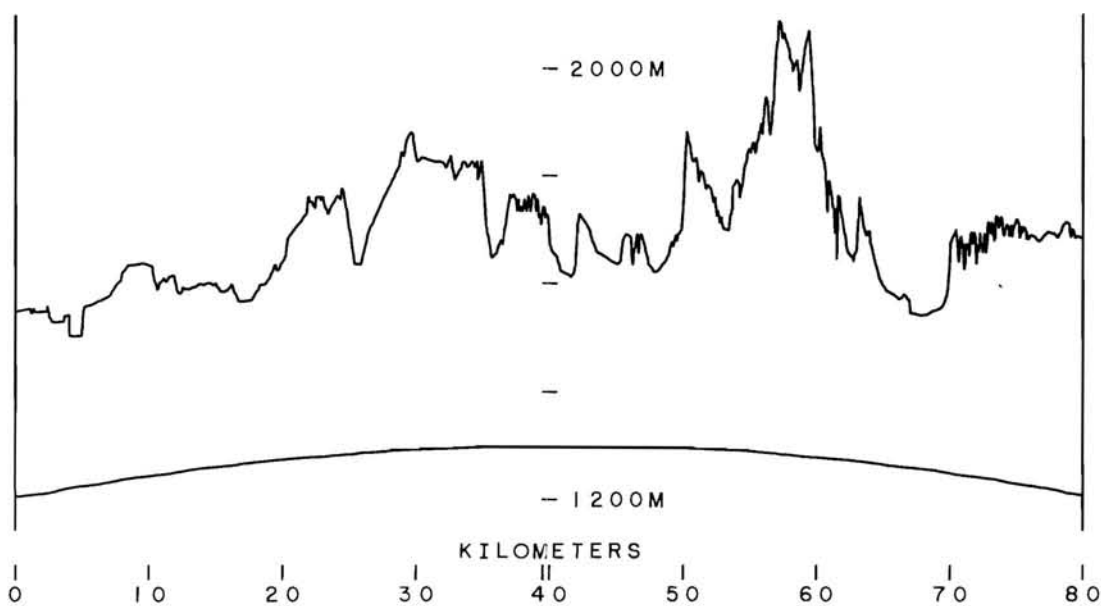
DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
04-15-64	23.86	H6	15%	47.0	73.5

NO OBSTRUCTION. THIS IS HIGH POINT ON RIDGE.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 50,100,V,V, P,3)	20.0	-125.0	7.6	0.8	0.9	0.9	157.7	51.1
(PLNS, 50,100,V,V, P,6)	20.0	-121.3	7.6	-0.4	0.9	0.9	152.8	46.3
(PLNS, 50,100,V,V, P,9)	20.0	-119.6	7.6	-1.2	0.9	0.9	150.3	43.8
(PLNS, 50,100,V,V,AV,3)	20.0	-120.1	7.6	0.8	0.9	0.9	152.8	46.3
(PLNS, 50,100,V,V,AV,6)	20.0	-117.9	7.6	-0.4	0.9	0.9	149.4	42.9
(PLNS, 50,100,V,V,AV,9)	20.0	-117.9	7.6	-1.2	0.9	0.9	148.6	42.1
(PLNS, 50,100,V,V,AH,3)	20.0	-127.8	7.6	0.8	0.9	0.9	160.5	53.9
(PLNS, 50,100,V,V,AH,6)	20.0	-126.1	7.6	-0.4	0.9	0.9	157.6	51.1
(PLNS, 50,100,V,V,AH,9)	20.0	-126.4	7.6	-1.2	0.9	0.9	157.1	50.5
(PLNS, 50,100,H,V, P,3)	20.0	-139.6	9.6	-16.7	0.9	0.9	156.8	50.3
(PLNS, 50,100,H,V, P,6)	20.0	-138.4	9.6	-15.0	0.9	0.9	157.3	50.8
(PLNS, 50,100,H,V, P,9)	20.0	-142.2	9.6	-18.3	0.9	0.9	157.8	51.3
(PLNS, 50,100,H,V,AV,3)	20.0	-134.4	9.6	-16.7	0.9	0.9	151.6	45.1
(PLNS, 50,100,H,V,AV,6)	20.0	-134.4	9.6	-15.0	0.9	0.9	153.3	46.8
(PLNS, 50,100,H,V,AV,9)	20.0	-136.3	9.6	-18.3	0.9	0.9	151.9	45.4
(PLNS, 50,100,H,V,AH,3)	20.0	-137.9	9.6	-16.7	0.9	0.9	155.1	48.6
(PLNS, 50,100,H,V,AH,6)	20.0	-138.7	9.6	-15.0	0.9	0.9	157.6	51.1
(PLNS, 50,100,H,V,AH,9)	20.0	-141.0	9.6	-18.3	0.9	0.9	156.6	50.1
(PLNS, 50,100,V,H, P,3)	20.0	-132.9	7.6	-20.7	0.9	0.9	144.1	37.6
(PLNS, 50,100,V,H, P,6)	20.0	-128.7	7.6	-15.9	0.9	0.9	144.7	38.2
(PLNS, 50,100,V,H, P,9)	20.0	-127.2	7.6	-16.4	0.9	0.9	142.7	36.1
(PLNS, 50,100,V,H,AV,3)	20.0	-129.4	7.6	-20.7	0.9	0.9	140.6	34.1
(PLNS, 50,100,V,H,AV,6)	20.0	-125.0	7.6	-15.9	0.9	0.9	141.0	34.4
(PLNS, 50,100,V,H,AV,9)	20.0	-124.5	7.6	-16.4	0.9	0.9	140.0	33.5
(PLNS, 50,100,V,H,AH,3)	20.0	-134.1	7.6	-20.7	0.9	0.9	145.3	38.7
(PLNS, 50,100,V,H,AH,6)	20.0	-128.4	7.6	-15.9	0.9	0.9	144.4	37.8
(PLNS, 50,100,V,H,AH,9)	20.0	-128.9	7.6	-16.4	0.9	0.9	144.4	37.8
(PLNS, 50,100,H,H, P,3)	20.0	-127.5	9.6	0.0	0.9	0.9	161.4	54.8
(PLNS, 50,100,H,H, P,6)	20.0	-125.0	9.6	1.6	0.9	0.9	160.5	53.9
(PLNS, 50,100,H,H, P,9)	20.0	-121.7	9.6	1.3	0.9	0.9	156.9	50.4
(PLNS, 50,100,H,H,AV,3)	20.0	-128.9	9.6	0.0	0.9	0.9	162.8	56.2
(PLNS, 50,100,H,H,AV,6)	20.0	-122.2	9.6	1.6	0.9	0.9	157.7	51.2
(PLNS, 50,100,H,H,AV,9)	20.0	-119.2	9.6	1.3	0.9	0.9	154.4	47.8
(PLNS, 50,100,H,H,AH,3)	20.0	-127.3	9.6	0.0	0.9	0.9	161.2	54.7
(PLNS, 50,100,H,H,AH,6)	20.0	-122.0	9.6	1.6	0.9	0.9	157.5	51.0
(PLNS, 50,100,H,H,AH,9)	20.0	-120.0	9.6	1.3	0.9	0.9	155.2	48.7
(KLIR, 12,100,H,H, P,3)	42.2	-68.7		1.5		0.9	117.6	23.3
(KLIR, 12,100,H,H, P,6)	42.2	-70.6		1.3		0.9	119.3	24.9
(KLIR, 12,100,H,H, P,9)	42.2	-65.6		1.1		0.9	114.1	19.8
(KLIR, 12,100,H,H,AV,3)	42.2	-67.2		1.5		0.9	116.1	21.7
(KLIR, 12,100,H,H,AV,6)	42.2	-71.7		1.3		0.9	120.4	26.0
(KLIR, 12,100,H,H,AV,9)	42.2	-67.9		1.1		0.9	116.4	22.1
(KLIR, 12,100,H,H,AH,3)	42.2	-68.2		1.5		0.9	117.1	22.8
(KLIR, 12,100,H,H,AH,6)	42.2	-75.8		1.3		0.9	124.5	30.1
(KLIR, 12,100,H,H,AH,9)	42.2	-68.2		1.1		0.9	116.7	22.4

COLORADO PLAINS B= 80KM SITE 2

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 2

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-23-64	24.33	M2,L9	80%	63.0	91.0

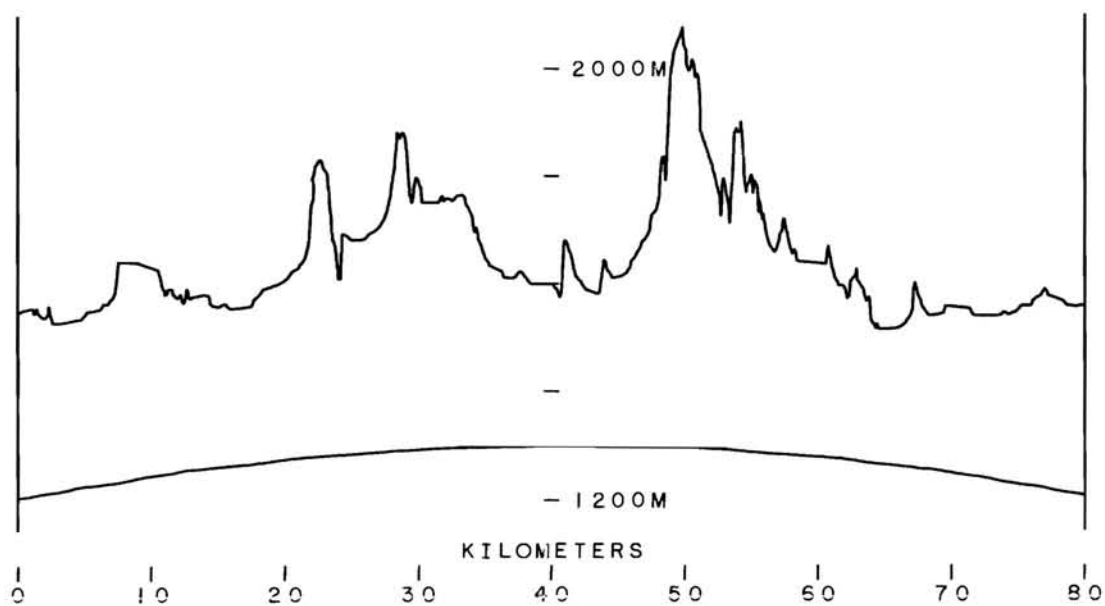
SITE IS ON HIGHWAY WINDING UP A CANYON, APPROXIMATELY 1/2MI ACROSS.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-137.0	7.6	-2.0	0.9	0.9	177.0	66.4
(PLNS, 80,100,V,V, P,6)	30.1	-135.8	7.6	-1.8	0.9	0.9	176.0	65.4
(PLNS, 80,100,V,V, P,9)	30.1	-133.1	7.6	-2.2	0.9	0.9	172.9	62.3
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-143.6	9.6	-16.5	0.9	0.9	171.1	60.5
(PLNS, 80,100,H,V, P,6)	30.1	-143.6	9.6	-15.1	0.9	0.9	172.5	61.9
(PLNS, 80,100,H,V, P,9)	30.1	-141.6	9.6	-16.3	0.9	0.9	169.3	58.7
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-149.4	7.6	-20.8	0.9	0.9	170.6	60.0
(PLNS, 80,100,V,H, P,6)	30.1	-149.4	7.6	-16.5	0.9	0.9	174.9	64.3
(PLNS, 80,100,V,H, P,9)	30.1	-143.9	7.6	-15.7	0.9	0.9	170.3	59.7
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-137.0	9.6	-0.8	0.9	0.9	180.2	69.6
(PLNS, 80,100,H,H, P,6)	30.1	-131.9	9.6	1.6	0.9	0.9	177.6	67.0
(PLNS, 80,100,H,H, P,9)	30.1	-128.4	9.6	1.1	0.9	0.9	173.5	62.9
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,121,100,H,H, P,3)	42.2	-120.1		-0.5		0.9	167.0	52.9
(KLIR,121,100,H,H, P,6)	42.2	-111.9		1.6		0.9	160.9	46.8
(KLIR,121,100,H,H, P,9)	42.2	-110.2		1.0		0.9	158.6	44.5
(KLIR,121,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,121,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,121,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,121,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,121,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,121,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 4

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 4

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-23-64	24.68	L1	30%	65.3	97.5

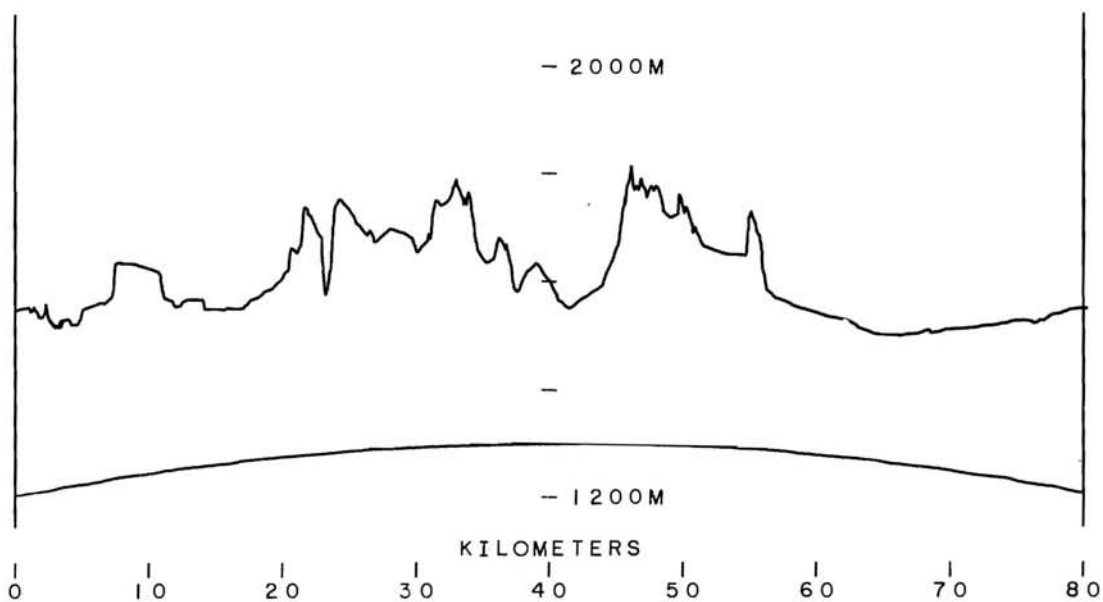
HORIZON IS CLEAR AND 1MI DOWN PATH. NO POWER OR PHONE LINES IN AREA.
300FT HILL 1/4MI WEST OF RECEIVING TRUCK.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-135.1	7.6	-1.7	0.9	0.9	169.3	58.7
(PLNS, 80,100,V,V, P,6)	30.1	-131.9	7.6	-1.7	0.9	0.9	166.1	55.5
(PLNS, 80,100,V,V, P,9)	30.1	-128.1	7.6	-2.2	0.9	0.9	161.8	51.2
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-140.2	9.6	-16.1	0.9	0.9	162.1	51.5
(PLNS, 80,100,H,V, P,6)	30.1	-139.5	9.6	-14.5	0.9	0.9	162.9	52.3
(PLNS, 80,100,H,V, P,9)	30.1	-138.9	9.6	-16.0	0.9	0.9	160.9	50.3
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-134.7	7.6	-21.0	0.9	0.9	149.7	39.1
(PLNS, 80,100,V,H, P,6)	30.1	-134.7	7.6	-16.8	0.9	0.9	153.9	43.3
(PLNS, 80,100,V,H, P,9)	30.1	-134.7	7.6	-15.8	0.9	0.9	154.9	44.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-135.4	9.6	-0.9	0.9	0.9	172.5	61.9
(PLNS, 80,100,H,H, P,6)	30.1	-126.1	9.6	1.6	0.9	0.9	165.7	55.1
(PLNS, 80,100,H,H, P,9)	30.1	-124.0	9.6	1.1	0.9	0.9	163.1	52.5
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,120,100,H,H, P,3)	42.2	-117.9		-0.6		0.9	158.6	44.6
(KLIR,120,100,H,H, P,6)	42.2	-110.6		1.6		0.9	153.5	39.4
(KLIR,120,100,H,H, P,9)	42.2	-109.8		1.1		0.9	152.2	38.2
(KLIR,120,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,120,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,120,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,120,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,120,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,120,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 5

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 5

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-23-64	24.69	L5,M3	80%	63.0	93.8

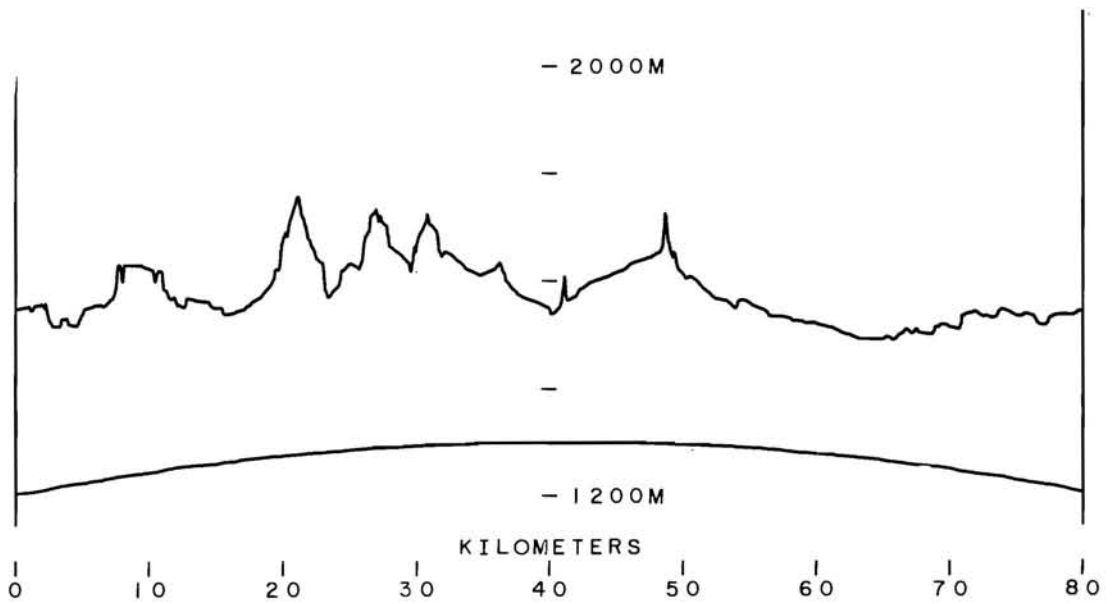
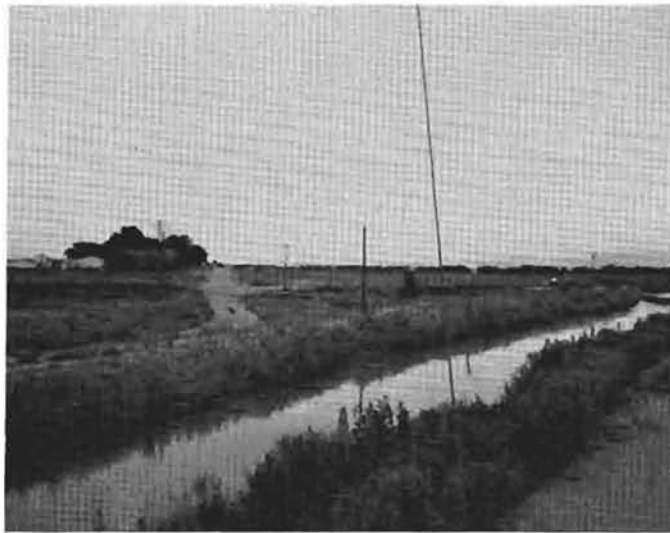
2-WIRE POWER LINE STARTS 1000FT SOUTH OF RECEIVER, ON WEST SIDE OF ROAD. COTTONWOODS ON HORIZON AT 3/4MI, RADIO HORIZON WELL BEYOND THEM RECEIVER AREA IS OPEN.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-141.6	7.6	1.8	0.9	0.9	185.4	74.8
(PLNS, 80,100,V,V, P,6)	30.1	-138.9	7.6	-0.4	0.9	0.9	180.6	70.0
(PLNS, 80,100,V,V, P,9)	30.1	-135.1	7.6	-1.2	0.9	0.9	175.9	65.3
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-141.6	9.6	-16.5	0.9	0.9	169.1	58.5
(PLNS, 80,100,H,V, P,6)	30.1	-141.6	9.6	-14.9	0.9	0.9	170.7	60.1
(PLNS, 80,100,H,V, P,9)	30.1	-141.6	9.6	-18.0	0.9	0.9	167.6	57.0
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-143.7	7.6	-20.4	0.9	0.9	165.4	54.8
(PLNS, 80,100,V,H, P,6)	30.1	-146.4	7.6	-15.9	0.9	0.9	172.5	61.9
(PLNS, 80,100,V,H, P,9)	30.1	-141.6	7.6	-16.3	0.9	0.9	167.3	56.7
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-137.8	9.6	0.1	0.9	0.9	182.0	71.4
(PLNS, 80,100,H,H, P,6)	30.1	-132.9	9.6	1.6	0.9	0.9	178.6	68.0
(PLNS, 80,100,H,H, P,9)	30.1	-131.0	9.6	1.3	0.9	0.9	176.3	65.7
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,119,100,H,H, P,3)	42.2	-118.3		-0.5		0.9	165.2	51.2
(KLIR,119,100,H,H, P,6)	42.2	-111.0		1.3		0.9	159.7	45.7
(KLIR,119,100,H,H, P,9)	42.2	-107.5		1.1		0.9	156.0	42.0
(KLIR,119,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,119,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,119,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,119,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,119,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,119,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 6

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 6

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
07-24-64	24.92	L5	80%	69.5	58.0

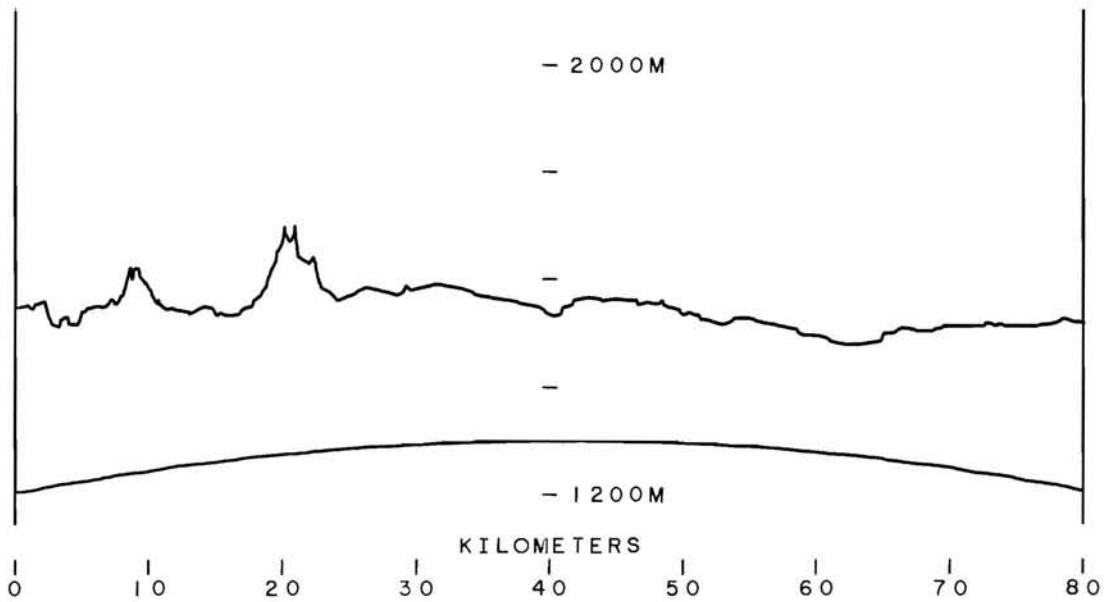
POWER LINE AND PHONE LINES RUNNING PERPENDICULAR TO PATH 460FT DOWN PATH. RADIO HORIZON IS 5MI. AREA AROUND SITE IS CLEAR.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-135.4	7.6	-1.4	0.9	0.9	176.1	65.5
(PLNS, 80,100,V,V, P,6)	30.1	-132.1	7.6	-1.6	0.9	0.9	172.6	62.0
(PLNS, 80,100,V,V, P,9)	30.1	-128.4	7.6	-2.1	0.9	0.9	168.3	57.7
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-144.5	9.6	-15.8	0.9	0.9	172.8	62.2
(PLNS, 80,100,H,V, P,6)	30.1	-142.8	9.6	-13.8	0.9	0.9	173.1	62.5
(PLNS, 80,100,H,V, P,9)	30.1	-139.5	9.6	-15.8	0.9	0.9	167.7	57.1
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-142.7	7.6	-21.2	0.9	0.9	163.5	52.9
(PLNS, 80,100,V,H, P,6)	30.1	-140.3	7.6	-17.3	0.9	0.9	165.1	54.5
(PLNS, 80,100,V,H, P,9)	30.1	-138.9	7.6	-15.9	0.9	0.9	165.1	54.5
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-138.4	9.6	-1.1	0.9	0.9	181.4	70.7
(PLNS, 80,100,H,H, P,6)	30.1	-131.0	9.6	1.6	0.9	0.9	176.6	66.0
(PLNS, 80,100,H,H, P,9)	30.1	-129.8	9.6	1.1	0.9	0.9	174.9	64.3
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,118,100,H,H, P,3)	42.2	-117.4		-0.6		0.9	164.2	50.3
(KLIR,118,100,H,H, P,6)	42.2	-107.5		1.6		0.9	156.5	42.5
(KLIR,118,100,H,H, P,9)	42.2	-105.0		1.1		0.9	153.5	39.5
(KLIR,118,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,118,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,118,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,118,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,118,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,118,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 7

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 7

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

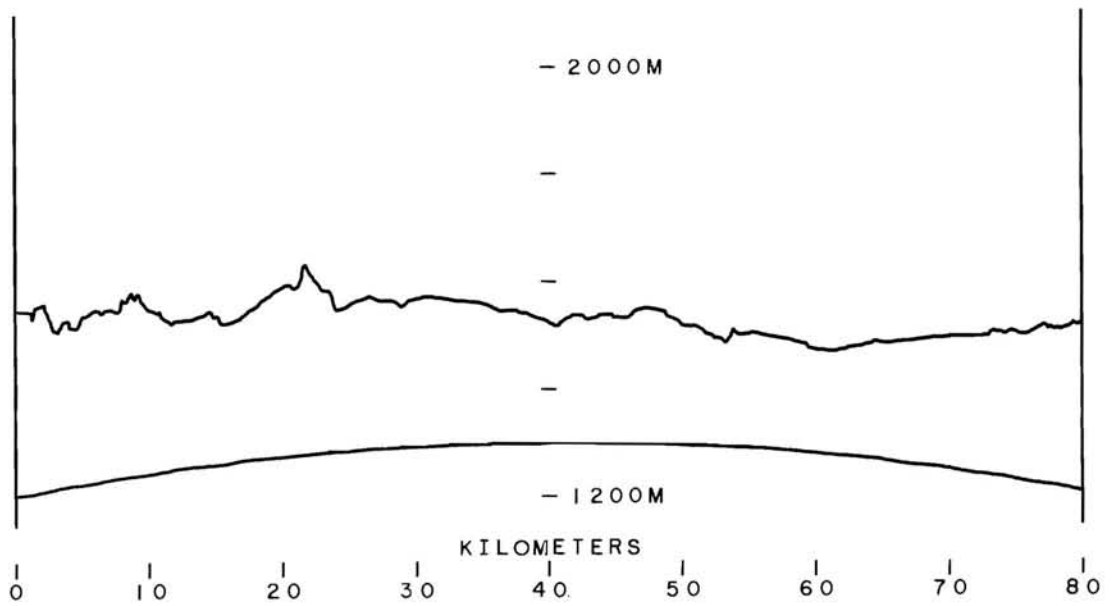
DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WFT	ASSMAN DRY
07-24-64	24.97	M3	70%	58.0	72.3

4-WIRE POWER LINE WEST SIDE OF ROAD, 30FT FROM ANTENNA, 25FT HIGH. 24
 -WIRE PHONE LINE EAST SIDE OF ROAD, 70FT FROM ANTENNA, 20FT HIGH.
 HORIZON APPEARS TO BE 5MI, HOWEVER AREA OF MANY COTTONWOODS CROSS PATH
 2 1/2MI DOWN PATH. HOUSE SURROUNDED BY MANY ELMS 30 DEGREES OFF LEFT
 SIDE OF PATH AT 200FT.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-135.8	7.6	0.8	0.9	0.9	178.6	68.0
(PLNS, 80,100,V,V, P,6)	30.1	-130.1	7.6	-0.5	0.9	0.9	171.6	61.0
(PLNS, 80,100,V,V, P,9)	30.1	-128.7	7.6	-1.2	0.9	0.9	169.5	58.9
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-144.5	9.6	-16.2	0.9	0.9	172.4	61.8
(PLNS, 80,100,H,V, P,6)	30.1	-136.2	9.6	-14.5	0.9	0.9	165.7	55.1
(PLNS, 80,100,H,V, P,9)	30.1	-132.4	9.6	-17.9	0.9	0.9	158.5	47.9
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-146.1	7.6	-19.4	0.9	0.9	168.8	58.2
(PLNS, 80,100,V,H, P,6)	30.1	-146.1	7.6	-15.8	0.9	0.9	172.4	61.8
(PLNS, 80,100,V,H, P,9)	30.1	-146.1	7.6	-16.3	0.9	0.9	171.9	61.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-132.4	9.6	0.4	0.9	0.9	176.8	66.2
(PLNS, 80,100,H,H, P,6)	30.1	-121.4	9.6	1.6	0.9	0.9	167.1	56.5
(PLNS, 80,100,H,H, P,9)	30.1	-118.1	9.6	1.4	0.9	0.9	163.6	52.9
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,117,100,H,H, P,3)	42.2	-117.4		-0.2		0.9	164.6	50.8
(KLIR,117,100,H,H, P,6)	42.2	-110.2		1.5		0.9	159.1	45.2
(KLIR,117,100,H,H, P,9)	42.2	-104.7		1.3		0.9	153.4	39.6
(KLIR,117,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,117,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,117,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,117,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,117,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,117,100,H,H,AH,9)	*	*		*		*	*	*

COLORADO PLAINS B= 80KM SITE 8

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 8

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
07-24-64	24.94	H2,L1	15%	64.0	79.0

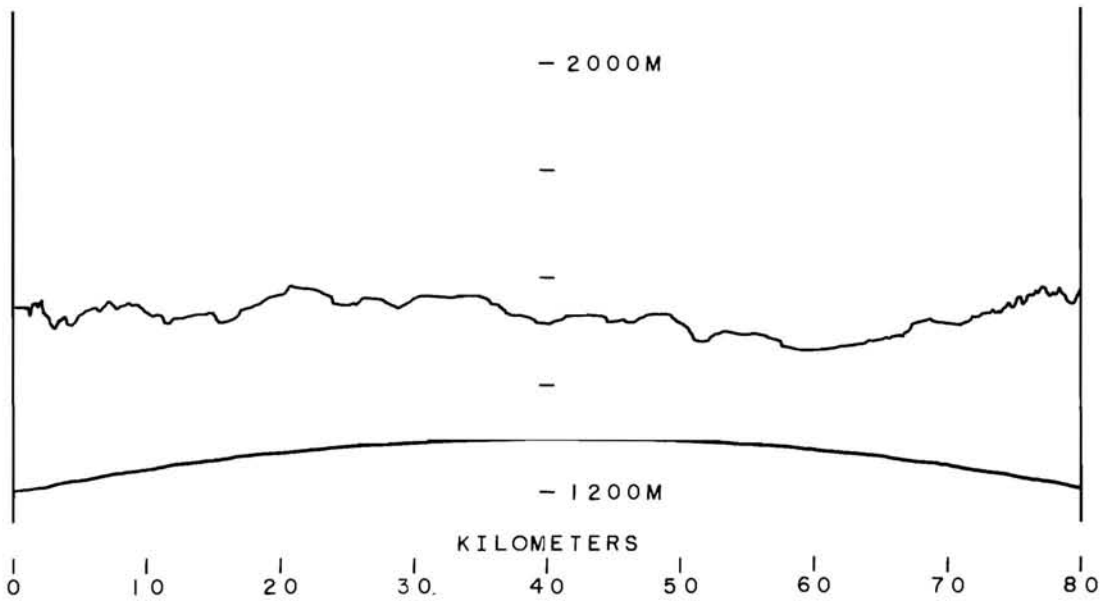
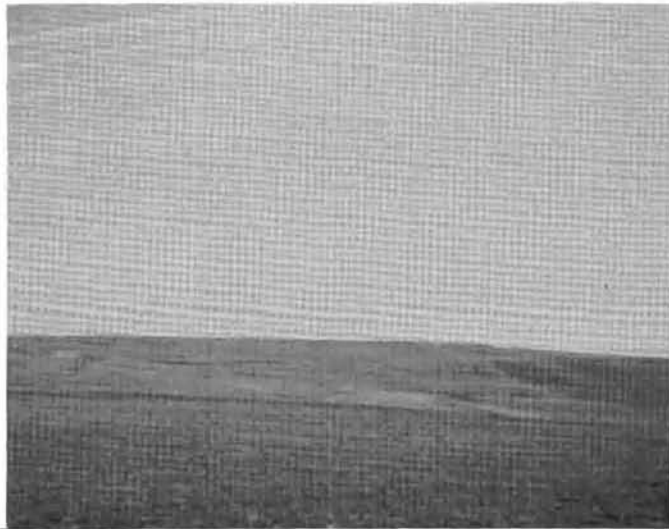
16-WIRE PHONE LINE 50FT WEST OF RECEIVING ANTENNA, 18FT HIGH, RUNNING NORTH-SOUTH. 2-WIRE POWER LINE ON EAST SIDE OF ROAD, 15FT FROM ANTENNA, 20FT HIGH. HORIZON 10MI AWAY, TOP OF FEW COTTONWOODS JUST BELOW HORIZON AT 1/4MI AND AT 2MI. HILLY FARMLAND DOWNPATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-131.2	7.6	-0.8	0.9	0.9	172.4	61.8
(PLNS, 80,100,V,V, P,6)	30.1	-125.0	7.6	-1.4	0.9	0.9	165.6	55.0
(PLNS, 80,100,V,V, P,9)	30.1	-120.2	7.6	-2.0	0.9	0.9	160.3	49.7
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-141.3	9.6	-15.3	0.9	0.9	170.0	59.4
(PLNS, 80,100,H,V, P,6)	30.1	-132.9	9.6	-13.0	0.9	0.9	164.0	53.4
(PLNS, 80,100,H,V, P,9)	30.1	-128.4	9.6	-15.3	0.9	0.9	157.1	46.5
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-140.1	7.6	-21.3	0.9	0.9	160.8	50.2
(PLNS, 80,100,V,H, P,6)	30.1	-140.1	7.6	-18.3	0.9	0.9	163.8	53.2
(PLNS, 80,100,V,H, P,9)	30.1	-140.1	7.6	-16.1	0.9	0.9	166.0	55.4
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-135.8	9.6	-1.4	0.9	0.9	178.4	67.8
(PLNS, 80,100,H,H, P,6)	30.1	-135.8	9.6	1.6	0.9	0.9	181.4	70.8
(PLNS, 80,100,H,H, P,9)	30.1	-123.0	9.6	1.1	0.9	0.9	168.2	57.6
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,117,100,H,H, P,3)	42.2	-123.4		-0.8		0.9	170.0	56.2
(KLIR,117,100,H,H, P,6)	42.2	-112.4		1.6		0.9	161.4	47.6
(KLIR,117,100,H,H, P,9)	42.2	-106.6		1.1		0.9	155.1	41.3
(KLIR,117,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,117,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,117,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,117,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,117,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,117,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 9

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
07-24-64	24.71	L2,H2	15%	82.3	63.5

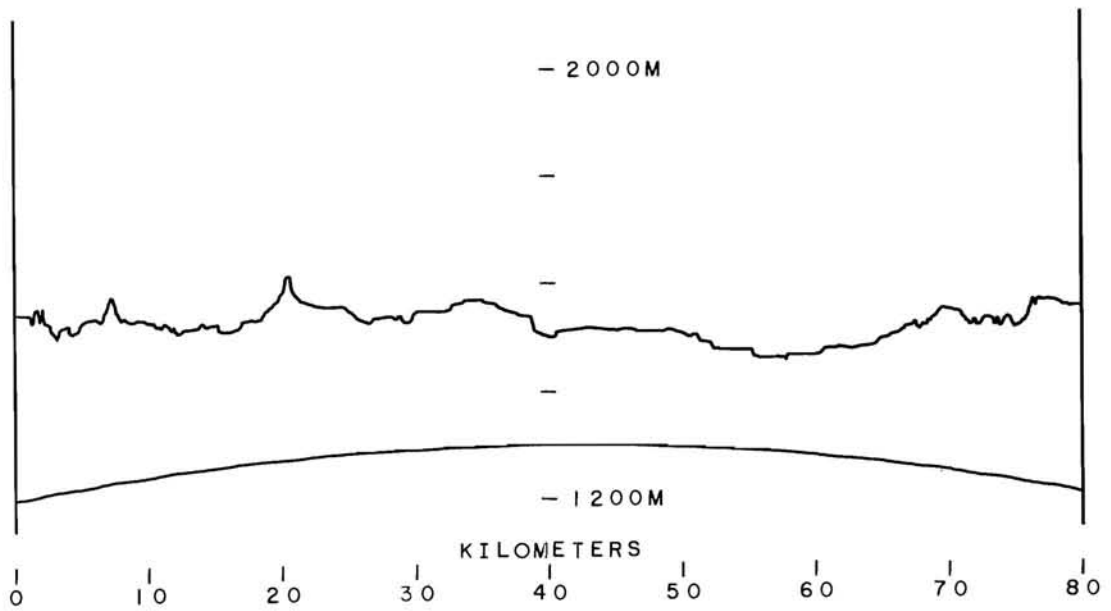
SITE IS ON HIGH BARREN GROUND, NO TREES FOR 4MI, HORIZON AT 10MI, SUR-
 ROUNDED BY WHEAT STUBBLE OR PLOWED DRY LAND. 4-WIRE POLE LINE ON NOR-
 TH SIDE OF ROAD 12FT FROM ANTENNA, 30FT HIGH. GROUND FORMS 300FT DE-
 PRESSION AT 1/2MI THEN SLOPES BACK UP TO SAME ELEVATION AT 1MI.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-125.0	7.6	-0.4	0.9	0.9	166.6	56.0
(PLNS, 80,100,V,V, P,6)	30.1	-120.2	7.6	-1.6	0.9	0.9	160.7	50.1
(PLNS, 80,100,V,V, P,9)	30.1	-114.7	7.6	-1.6	0.9	0.9	155.2	44.6
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-123.6	9.6	-11.6	0.9	0.9	156.0	45.4
(PLNS, 80,100,H,V, P,6)	30.1	-123.6	9.6	-10.0	0.9	0.9	157.6	47.0
(PLNS, 80,100,H,V, P,9)	30.1	-123.6	9.6	-13.5	0.9	0.9	154.1	43.5
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-124.1	7.6	-17.0	0.9	0.9	149.2	38.6
(PLNS, 80,100,V,H, P,6)	30.1	-124.1	7.6	-18.1	0.9	0.9	148.1	37.5
(PLNS, 80,100,V,H, P,9)	30.1	-118.7	7.6	-17.2	0.9	0.9	143.6	33.0
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-114.7	9.6	1.2	0.9	0.9	160.0	49.4
(PLNS, 80,100,H,H, P,6)	30.1	-107.8	9.6	1.7	0.9	0.9	153.5	42.9
(PLNS, 80,100,H,H, P,9)	30.1	-104.1	9.6	1.2	0.9	0.9	149.3	38.7
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,116,100,H,H, P,3)	42.2	-108.7		1.1		0.9	157.2	43.5
(KLIR,116,100,H,H, P,6)	42.2	-101.6		1.7		0.9	150.7	37.0
(KLIR,116,100,H,H, P,9)	42.2	-96.9		1.2		0.9	145.5	31.8
(KLIR,116,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,116,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,116,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,116,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,116,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,116,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 10

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITF 10

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-27-64	24.63	LI	80%	59.8	89.7

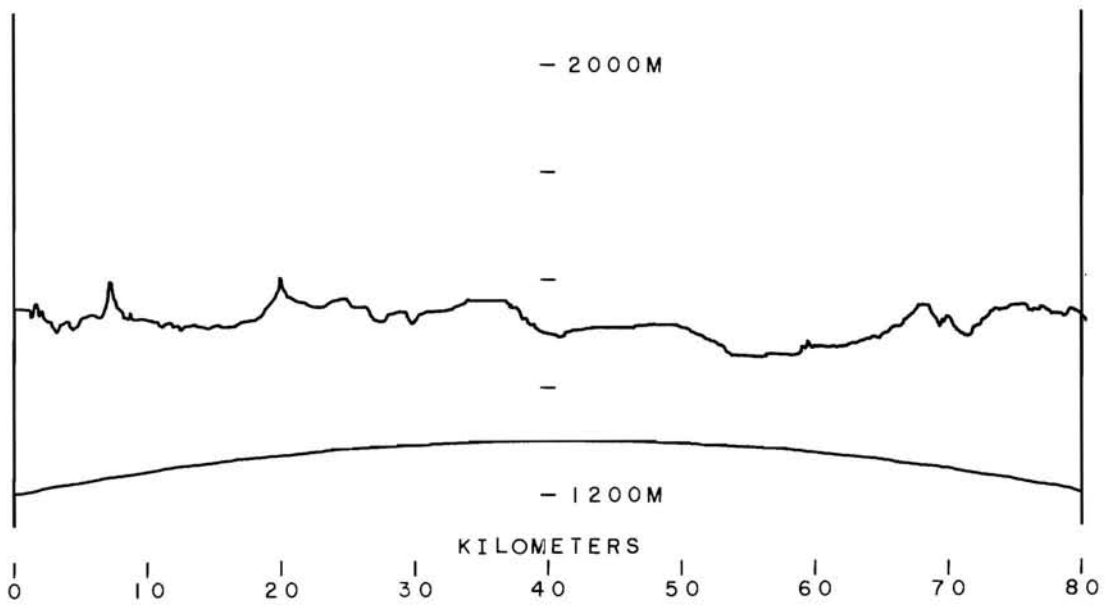
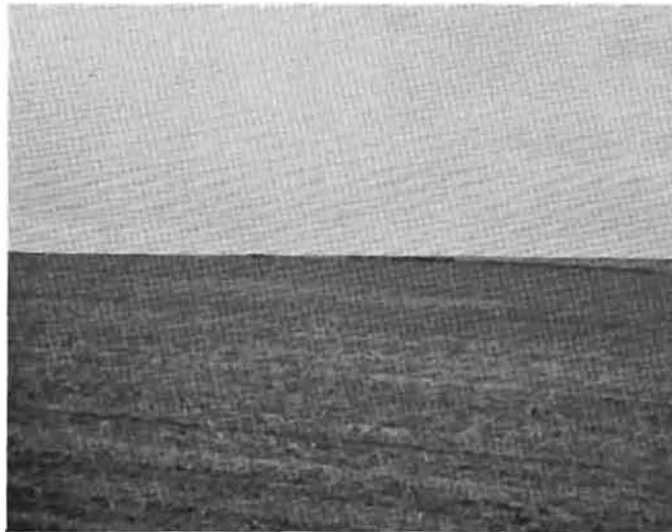
SITF IS OPEN ROLLING WHEATLAND. A BARN BELOW HORIZON APPROXIMATELY 1MI SOUTH. TREFS 2MI SOUTH, 40FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-138.4	7.6	-0.6	0.9	0.9	179.9	69.2
(PLNS, 80,100,V,V, P,6)	30.1	-130.6	7.6	-1.7	0.9	0.9	170.9	60.3
(PLNS, 80,100,V,V, P,9)	30.1	-126.9	7.6	-1.6	0.9	0.9	167.3	56.7
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-144.7	9.6	-11.7	0.9	0.9	177.1	66.5
(PLNS, 80,100,H,V, P,6)	30.1	-144.7	9.6	-10.5	0.9	0.9	178.3	67.7
(PLNS, 80,100,H,V, P,9)	30.1	-144.7	9.6	-14.5	0.9	0.9	174.3	63.7
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-149.0	7.6	-17.4	0.9	0.9	173.7	63.1
(PLNS, 80,100,V,H, P,6)	30.1	-149.0	7.6	-18.1	0.9	0.9	173.0	62.4
(PLNS, 80,100,V,H, P,9)	30.1	-149.0	7.6	-17.2	0.9	0.9	173.9	63.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-133.2	9.6	1.2	0.9	0.9	178.4	67.8
(PLNS, 80,100,H,H, P,6)	30.1	-125.0	9.6	1.6	0.9	0.9	170.6	60.0
(PLNS, 80,100,H,H, P,9)	30.1	-121.4	9.6	1.2	0.9	0.9	166.7	56.1
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,115,100,H,H, P,3)	42.2	-118.1		1.2		0.9	166.7	53.1
(KLIR,115,100,H,H, P,6)	42.2	-109.4		1.7		0.9	158.5	44.9
(KLIR,115,100,H,H, P,9)	42.2	-106.4		1.2		0.9	155.0	41.3
(KLIR,115,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,115,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,115,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,115,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,115,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,115,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 11

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-27-64	24.75	L1	80%	61.0	91.3

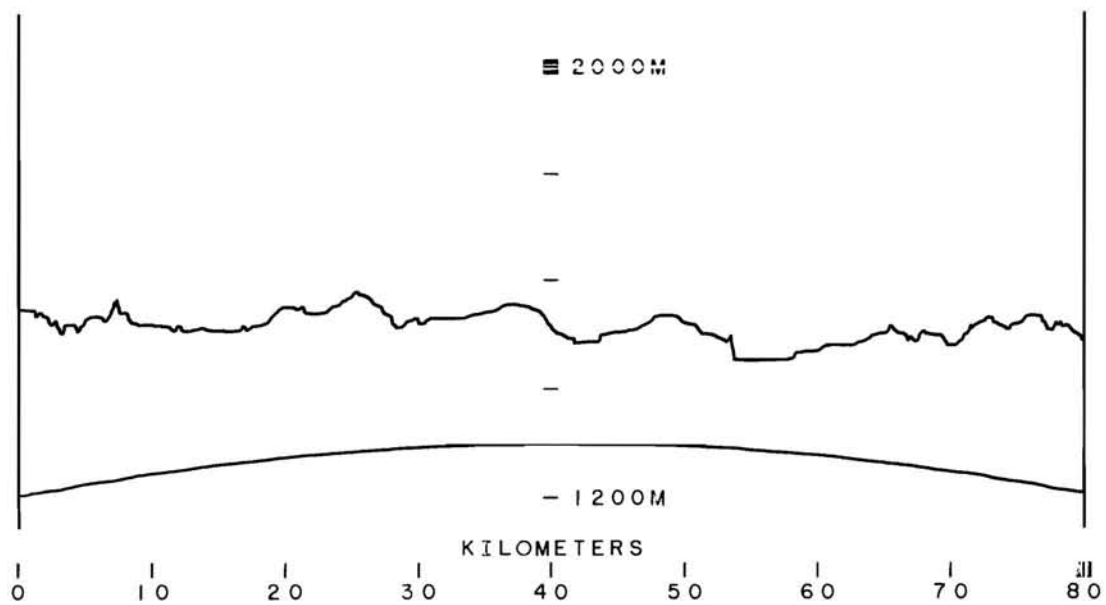
SITE IS IN OPEN ROLLING WHEATLAND, ABOUT 400YDS FROM CREST OF HILL TO SOUTHWEST TOWARDS TRANSMITTER.

(T,B,F,P(T),P(P),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-144.7	7.6	0.8	0.9	0.9	187.6	77.0
(PLNS, 80,100,V,V, P,6)	30.1	-144.7	7.6	-0.7	0.9	0.9	186.1	75.5
(PLNS, 80,100,V,V, P,9)	30.1	-139.2	7.6	-1.3	0.9	0.9	179.9	69.3
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-149.0	9.6	-19.0	0.9	0.9	174.1	63.5
(PLNS, 80,100,H,V, P,6)	30.1	-149.0	9.6	-14.6	0.9	0.9	178.5	67.9
(PLNS, 80,100,H,V, P,9)	30.1	-149.0	9.6	-18.4	0.9	0.9	174.7	64.1
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	**	7.6	-18.6	0.9	0.9	**	**
(PLNS, 80,100,V,H, P,6)	30.1	**	7.6	-15.7	0.9	0.9	**	**
(PLNS, 80,100,V,H, P,9)	30.1	**	7.6	-16.1	0.9	0.9	**	**
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-141.4	9.6	0.9	0.9	0.9	186.4	75.8
(PLNS, 80,100,H,H, P,6)	30.1	-133.2	9.6	1.6	0.9	0.9	178.8	68.2
(PLNS, 80,100,H,H, P,9)	30.1	-129.8	9.6	1.4	0.9	0.9	175.2	64.6
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,114,100,H,H, P,3)	42.2	-118.4		0.1		0.9	165.9	52.3
(KLIR,114,100,H,H, P,6)	42.2	-118.9		1.6		0.9	167.9	54.4
(KLIR,114,100,H,H, P,9)	42.2	-116.6		1.3		0.9	165.3	51.7
(KLIR,114,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,114,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,114,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,114,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,114,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,114,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED
 ** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 80KM SITE 12

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 12

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-28-64	24.83	L1, COMULUS	70%	60.8	94.9

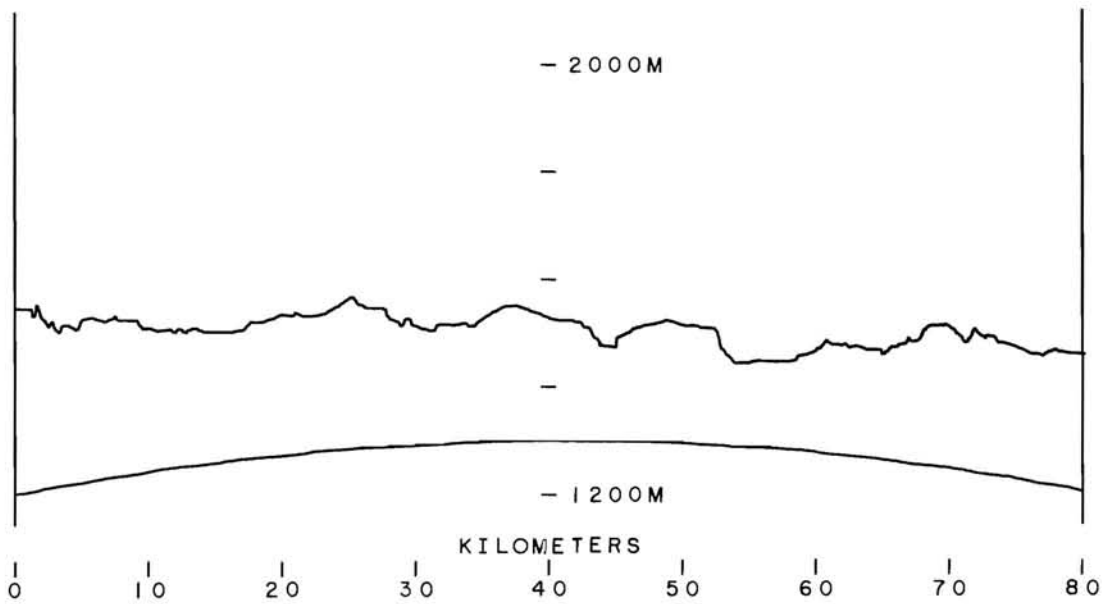
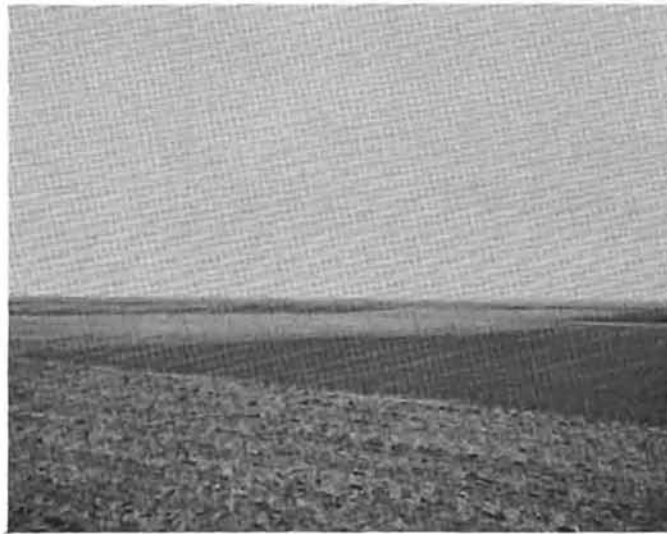
ROLLING WHEATLAND, HORIZON 3/4MI. 5-WIRE POWER LINE 30FT TO EAST OF TRUCK, 28FT HIGH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-140.3	7.6	0.2	0.9	0.9	182.6	72.0
(PLNS, 80,100,V,V, P,6)	30.1	-140.3	7.6	-1.2	0.9	0.9	181.2	70.6
(PLNS, 80,100,V,V, P,9)	30.1	-137.0	7.6	-1.8	0.9	0.9	177.2	66.6
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-140.5	9.6	-14.9	0.9	0.9	169.6	59.0
(PLNS, 80,100,H,V, P,6)	30.1	-140.5	9.6	-12.5	0.9	0.9	172.0	61.4
(PLNS, 80,100,H,V, P,9)	30.1	-138.6	9.6	-14.8	0.9	0.9	167.9	57.3
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-139.0	7.6	-21.1	0.9	0.9	160.0	49.4
(PLNS, 80,100,V,H, P,6)	30.1	-135.4	7.6	-20.0	0.9	0.9	157.5	46.9
(PLNS, 80,100,V,H, P,9)	30.1	-134.2	7.6	-16.6	0.9	0.9	159.7	49.0
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-137.9	9.6	-1.8	0.9	0.9	180.2	69.6
(PLNS, 80,100,H,H, P,6)	30.1	-132.9	9.6	1.6	0.9	0.9	178.6	68.0
(PLNS, 80,100,H,H, P,9)	30.1	-130.2	9.6	1.1	0.9	0.9	175.3	64.7
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,113,100,H,H, P,3)	42.2	-124.1		-1.1		0.9	170.4	56.9
(KLIR,113,100,H,H, P,6)	42.2	-120.1		1.6		0.9	169.1	55.6
(KLIR,113,100,H,H, P,9)	42.2	-116.0		1.1		0.9	164.5	51.0
(KLIR,113,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,113,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,113,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,113,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,113,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,113,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B = 80KM SITE 13

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 13

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WFT	DRY
07-28-64	25.14	L2	10%	60.2	70.3

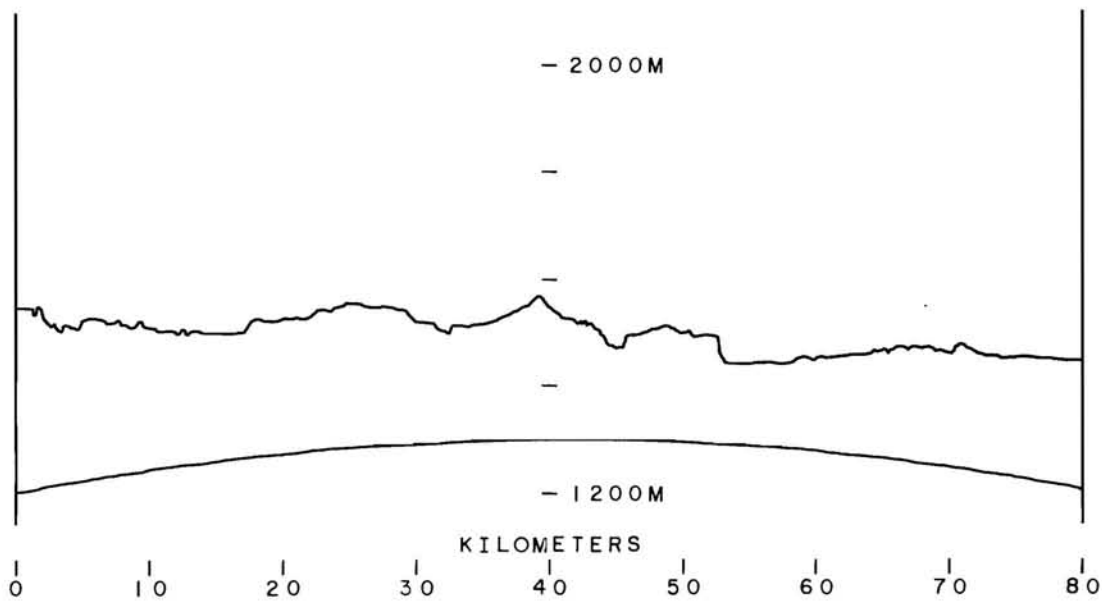
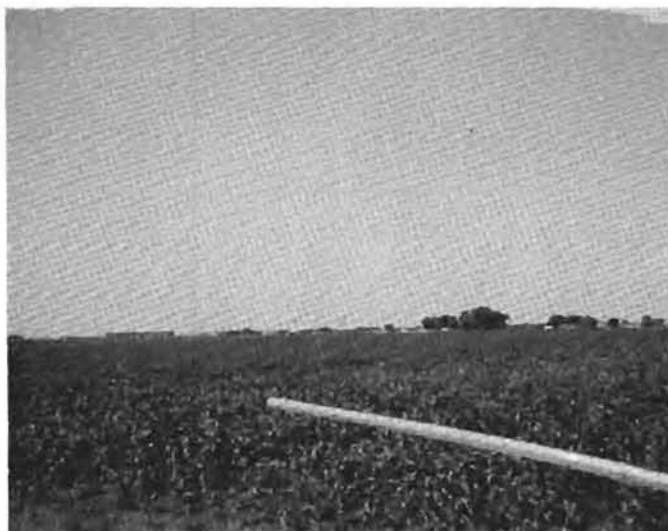
ROLLING WHEATLAND TOWARD TRANSMITTER, HORIZON 2 1/2MI. HIGHWAY TO EAST 15FT, RAILROAD TO EAST OF THAT, WITH PHONE LINES.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-137.0	7.6	0.3	0.9	0.9	179.3	68.7
(PLNS, 80,100,V,V, P,6)	30.1	-130.2	7.6	-1.2	0.9	0.9	171.0	60.4
(PLNS, 80,100,V,V, P,9)	30.1	-125.6	7.6	-1.6	0.9	0.9	166.1	55.5
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-146.4	9.6	-23.5	0.9	0.9	166.9	56.3
(PLNS, 80,100,H,V, P,6)	30.1	-146.4	9.6	-17.8	0.9	0.9	172.6	62.0
(PLNS, 80,100,H,V, P,9)	30.1	-146.4	9.6	-21.0	0.9	0.9	169.4	58.8
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-142.8	7.6	-17.6	0.9	0.9	167.3	56.7
(PLNS, 80,100,V,H, P,6)	30.1	-142.8	7.6	-15.5	0.9	0.9	169.4	58.8
(PLNS, 80,100,V,H, P,9)	30.1	-142.8	7.6	-15.9	0.9	0.9	169.0	58.4
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-128.1	9.6	1.5	0.9	0.9	173.6	63.0
(PLNS, 80,100,H,H, P,6)	30.1	-127.5	9.6	1.4	0.9	0.9	172.9	62.3
(PLNS, 80,100,H,H, P,9)	30.1	-120.7	9.6	1.2	0.9	0.9	166.0	55.4
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,112,100,H,H, P,3)	42.2	-109.0		1.2		0.9	157.6	44.2
(KLIR,112,100,H,H, P,6)	42.2	-103.4		1.6		0.9	152.4	39.0
(KLIR,112,100,H,H, P,9)	42.2	-100.9		1.4		0.9	149.7	36.3
(KLIR,112,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,112,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,112,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,112,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,112,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,112,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 14

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITF 14

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-28-64	25.24	CLEAR	0%	66.5	80.2

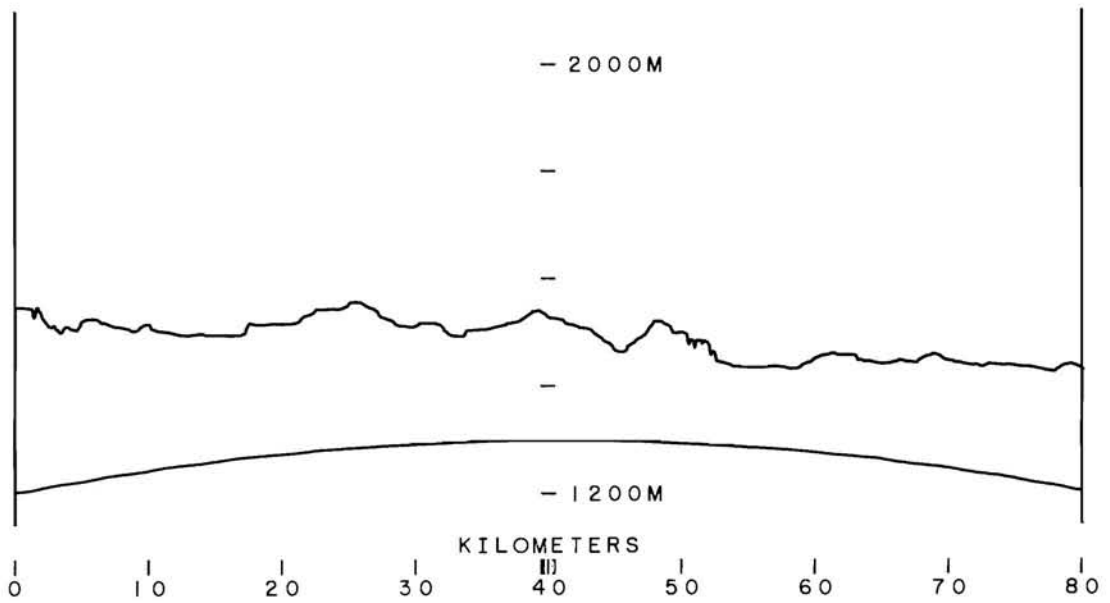
FARMING AREA, LEVEL, SOME CORN AND SUGAR BEETS. TOWN OF PIERCE ABOUT 1 1/2MI IN PATH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-128.7	7.6	0.7	0.9	0.9	171.4	60.8
(PLNS, 80,100,V,V, P,6)	30.1	-124.1	7.6	-1.1	0.9	0.9	165.1	54.5
(PLNS, 80,100,V,V, P,9)	30.1	-120.3	7.6	-1.6	0.9	0.9	160.8	50.2
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-145.0	9.6	-14.8	0.9	0.9	174.2	63.6
(PLNS, 80,100,H,V, P,6)	30.1	-145.0	9.6	-12.4	0.9	0.9	176.6	66.0
(PLNS, 80,100,H,V, P,9)	30.1	-145.0	9.6	-14.8	0.9	0.9	174.2	63.6
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-143.6	7.6	-20.6	0.9	0.9	165.0	54.4
(PLNS, 80,100,V,H, P,6)	30.1	-143.6	7.6	-20.6	0.9	0.9	165.0	54.4
(PLNS, 80,100,V,H, P,9)	30.1	-139.4	7.6	-17.0	0.9	0.9	164.4	53.8
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-135.4	9.6	-2.0	0.9	0.9	177.5	66.9
(PLNS, 80,100,H,H, P,6)	30.1	-126.6	9.6	1.6	0.9	0.9	172.3	61.7
(PLNS, 80,100,H,H, P,9)	30.1	-121.3	9.6	1.1	0.9	0.9	166.4	55.8
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,111,100,H,H, P,3)	42.2	-118.7		-1.3		0.9	164.8	51.5
(KLIR,111,100,H,H, P,6)	42.2	-108.4		1.6		0.9	157.4	44.1
(KLIR,111,100,H,H, P,9)	42.2	-105.2		1.1		0.9	153.7	40.4
(KLIR,111,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,111,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,111,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,111,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,111,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,111,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 15

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITF 15

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-28-64	25.24	CLEAR	0%	64.9	79.8

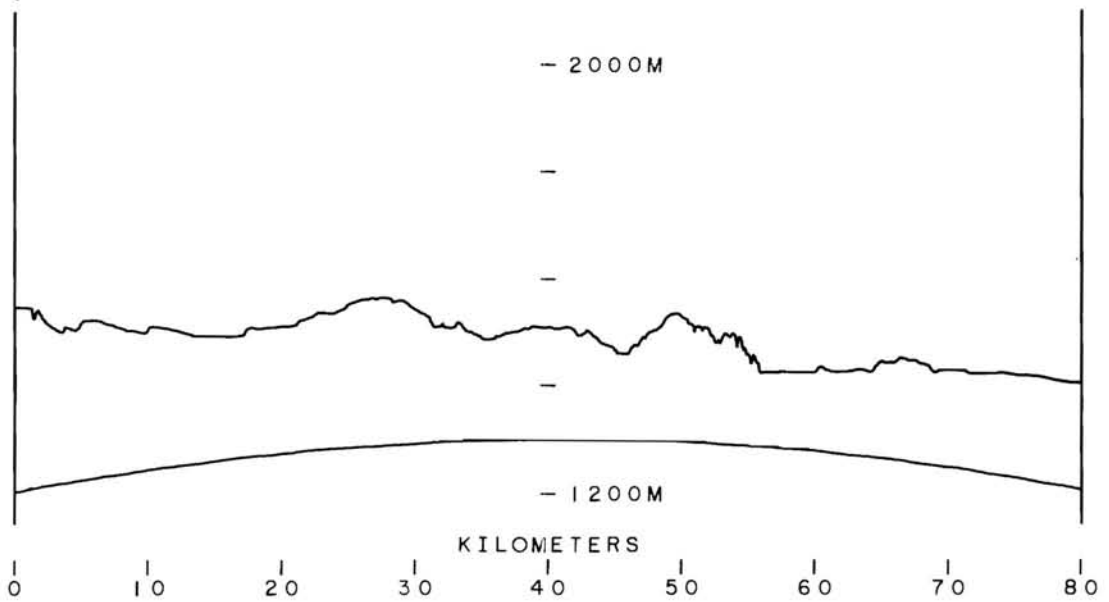
FAIRLY ROLLING FARMLAND, 2 FARMHOUSES WITH SOFT TREES ABOUT 1/2MI ON HORIZON. 2-WIRE POWER LINE ABOUT 20FT WEST OF TRUCK, 20FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-135.1	7.6	0.6	0.9	0.9	177.7	67.1
(PLNS, 80,100,V,V, P,6)	30.1	-133.0	7.6	-1.0	0.9	0.9	174.1	63.5
(PLNS, 80,100,V,V, P,9)	30.1	-130.2	7.6	-1.4	0.9	0.9	170.8	60.2
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-138.2	9.6	-24.5	0.9	0.9	157.8	47.1
(PLNS, 80,100,H,V, P,6)	30.1	-140.3	9.6	-17.5	0.9	0.9	166.9	56.3
(PLNS, 80,100,H,V, P,9)	30.1	-135.8	9.6	-20.5	0.9	0.9	159.3	48.7
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-140.3	7.6	-18.5	0.9	0.9	163.9	53.3
(PLNS, 80,100,V,H, P,6)	30.1	-140.3	7.6	-15.7	0.9	0.9	166.7	56.1
(PLNS, 80,100,V,H, P,9)	30.1	-140.3	7.6	-16.0	0.9	0.9	166.4	55.8
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-130.2	9.6	1.3	0.9	0.9	175.5	64.9
(PLNS, 80,100,H,H, P,6)	30.1	-128.4	9.6	1.6	0.9	0.9	174.0	63.4
(PLNS, 80,100,H,H, P,9)	30.1	-125.9	9.6	1.3	0.9	0.9	171.2	60.6
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,110,100,H,H, P,3)	42.2	-113.5		0.5		0.9	161.4	48.1
(KLIR,110,100,H,H, P,6)	42.2	-108.7		1.6		0.9	157.7	44.4
(KLIR,110,100,H,H, P,9)	42.2	-106.6		1.4		0.9	155.4	42.2
(KLIR,110,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,110,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,110,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,110,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,110,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,110,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS R= 80KM SITE 16

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITF 16

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-28-64	25.33	CLEAR	0%	67.9	85.0

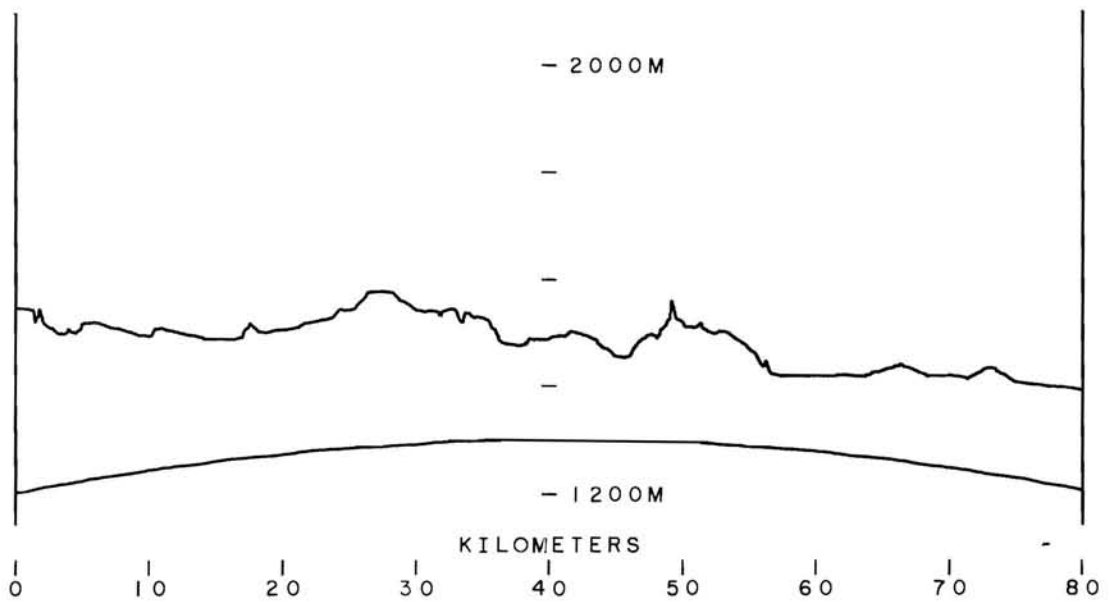
LEVEL FARMLAND, TREES ON HORIZON OVER 1MI. 6-WIRE PHONE LINE 15FT SOUTH OF TRUCK. POWER LINE ON OPPOSITE SIDE OF ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-138.7	7.6	-2.4	0.9	0.9	178.4	67.8
(PLNS, 80,100,V,V, P,6)	30.1	-131.0	7.6	-2.4	0.9	0.9	170.6	60.0
(PLNS, 80,100,V,V, P,9)	30.1	-126.6	7.6	-2.1	0.9	0.9	166.6	56.0
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-138.9	9.6	-13.0	0.9	0.9	170.0	59.4
(PLNS, 80,100,H,V, P,6)	30.1	-135.6	9.6	-14.5	0.9	0.9	165.2	54.6
(PLNS, 80,100,H,V, P,9)	30.1	-138.9	9.6	-20.0	0.9	0.9	163.0	52.4
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-145.2	7.6	-17.6	0.9	0.9	169.6	59.0
(PLNS, 80,100,V,H, P,6)	30.1	-141.9	7.6	-18.3	0.9	0.9	165.6	55.0
(PLNS, 80,100,V,H, P,9)	30.1	-139.9	7.6	-17.0	0.9	0.9	164.9	54.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-132.4	9.6	0.4	0.9	0.9	176.8	66.2
(PLNS, 80,100,H,H, P,6)	30.1	-127.8	9.6	1.2	0.9	0.9	173.0	62.4
(PLNS, 80,100,H,H, P,9)	30.1	-123.0	9.6	0.8	0.9	0.9	167.9	57.3
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,108,100,H,H, P,3)	42.2	-120.2		1.2		0.9	168.8	55.7
(KLIR,108,100,H,H, P,6)	42.2	-113.2		1.7		0.9	162.3	49.1
(KLIR,108,100,H,H, P,9)	42.2	-107.2		1.2		0.9	155.8	42.6
(KLIR,108,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,108,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,108,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,108,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,108,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,108,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 17

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 17

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-28-64	25.35	L1,COMULUS	10%	68.5	89.5

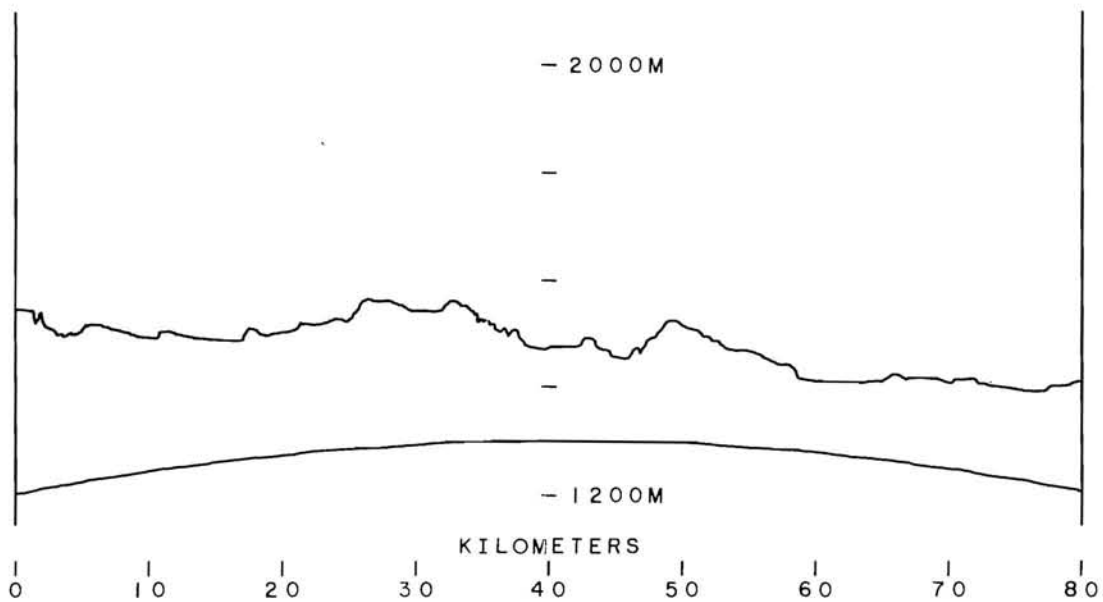
LEVEL FARMLAND, SOME TREES ABOUT 1MI. 3-WIRE POWER LINE IN PATH 20FT SOUTH, 20FT HIGH. 2-WIRE PHONE LINE NORTH 10FT, 12FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-130.6	7.6	1.4	0.9	0.9	174.0	63.4
(PLNS, 80,100,V,V, P,6)	30.1	-127.5	7.6	-0.5	0.9	0.9	169.0	58.4
(PLNS, 80,100,V,V, P,9)	30.1	-122.2	7.6	-1.2	0.9	0.9	163.0	52.4
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-135.5	9.6	-18.4	0.9	0.9	161.1	50.5
(PLNS, 80,100,H,V, P,6)	30.1	-133.2	9.6	-17.2	0.9	0.9	160.0	49.4
(PLNS, 80,100,H,V, P,9)	30.1	-134.4	9.6	-21.4	0.9	0.9	157.0	46.4
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-139.4	7.6	-18.2	0.9	0.9	163.2	52.6
(PLNS, 80,100,V,H, P,6)	30.1	-135.8	7.6	-16.4	0.9	0.9	161.4	50.8
(PLNS, 80,100,V,H, P,9)	30.1	-131.9	7.6	-17.0	0.9	0.9	156.9	46.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-130.2	9.6	0.6	0.9	0.9	174.8	64.2
(PLNS, 80,100,H,H, P,6)	30.1	-127.8	9.6	1.1	0.9	0.9	172.9	62.3
(PLNS, 80,100,H,H, P,9)	30.1	-121.6	9.6	0.8	0.9	0.9	166.4	55.8
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,108,100,H,H, P,3)	42.2	-118.7		0.5		0.9	166.6	53.5
(KLIR,108,100,H,H, P,6)	42.2	-111.0		1.1		0.9	159.5	46.4
(KLIR,108,100,H,H, P,9)	42.2	-108.7		0.7		0.9	156.8	43.7
(KLIR,108,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,108,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,108,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,108,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,108,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,108,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 18

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM STTF 18

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-28-64	25.26	L1.COMULUS	10%	67.5	95.2

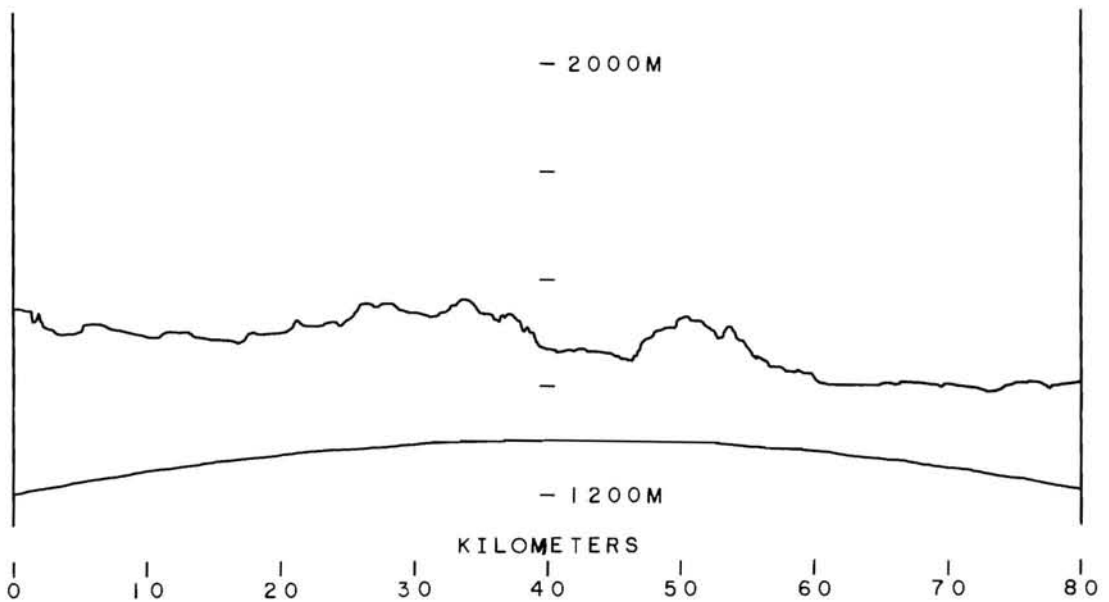
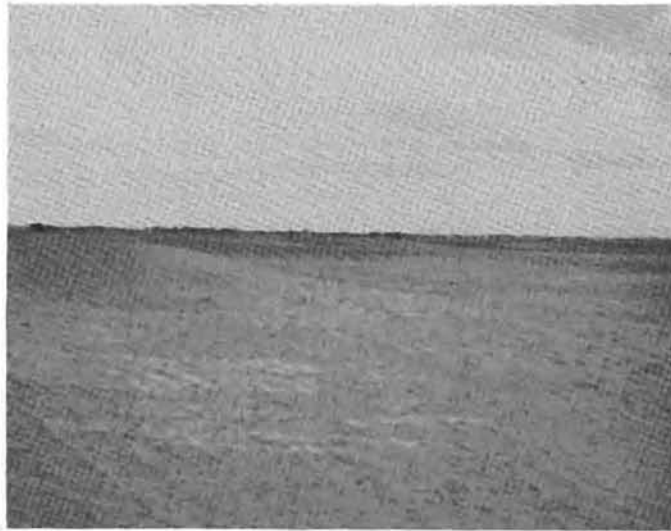
GENTLY ROLLING FARMLAND, HORIZON 4 TO 5MI, FEW TREES, NEAREST 2MI.

(T,B,F,P(T),P(R).L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-127.5	7.6	-3.1	0.9	0.9	166.4	55.8
(PLNS, 80,100,V,V, P,6)	30.1	-121.7	7.6	-2.4	0.9	0.9	161.4	50.8
(PLNS, 80,100,V,V, P,9)	30.1	-117.4	7.6	-2.2	0.9	0.9	157.3	46.7
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-137.4	9.6	-13.7	0.9	0.9	167.8	57.2
(PLNS, 80,100,H,V, P,6)	30.1	-143.9	9.6	-15.7	0.9	0.9	172.3	61.7
(PLNS, 80,100,H,V, P,9)	30.1	-137.4	9.6	-21.7	0.9	0.9	159.8	49.2
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-141.7	7.6	-17.6	0.9	0.9	166.2	55.6
(PLNS, 80,100,V,H, P,6)	30.1	-137.5	7.6	-18.3	0.9	0.9	161.3	50.7
(PLNS, 80,100,V,H, P,9)	30.1	-129.4	7.6	-17.0	0.9	0.9	154.4	43.8
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-125.6	9.6	0.5	0.9	0.9	170.2	59.6
(PLNS, 80,100,H,H, P,6)	30.1	-120.3	9.6	1.2	0.9	0.9	165.6	55.0
(PLNS, 80,100,H,H, P,9)	30.1	-118.6	9.6	0.9	0.9	0.9	163.6	53.0
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,107,100,H,H, P,3)	42.2	-114.1		1.2		0.9	162.7	49.7
(KLIR,107,100,H,H, P,6)	42.2	-107.5		1.7		0.9	156.6	43.6
(KLIR,107,100,H,H, P,9)	42.2	-103.7		1.2		0.9	152.3	39.3
(KLIR,107,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,107,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,107,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,107,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,107,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,107,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 19

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 19

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN
07-28-64	PRESSURE	TYPE	PERCENT	WET DRY
	25.28	L1,COMULUS	10%	64.3 96.8

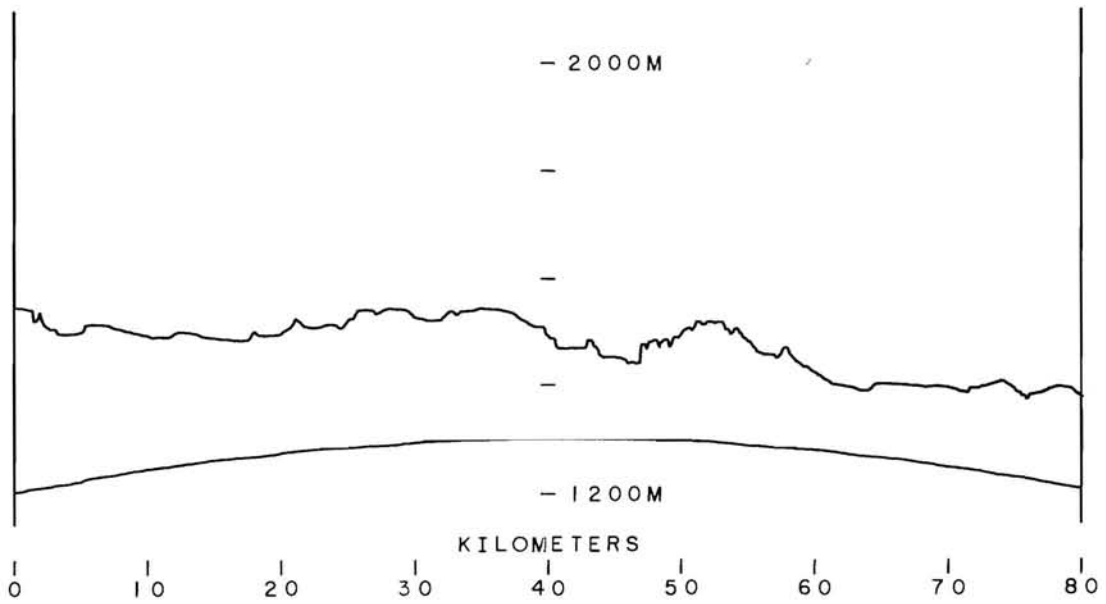
SITE IS ON LEVEL GROUND, SOME TREES 1 1/2MI ON PATH. 2-WIRE POWER LINE 20FT WEST OF TRUCK, 20FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-128.1	7.6	0.4	0.9	0.9	170.5	59.9
(PLNS, 80,100,V,V, P,6)	30.1	-125.0	7.6	-1.2	0.9	0.9	165.8	55.2
(PLNS, 80,100,V,V, P,9)	30.1	-121.4	7.6	-1.6	0.9	0.9	161.9	51.3
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-133.5	9.6	-24.0	0.9	0.9	153.5	42.9
(PLNS, 80,100,H,V, P,6)	30.1	-133.5	9.6	-18.0	0.9	0.9	159.5	48.9
(PLNS, 80,100,H,V, P,9)	30.1	-133.5	9.6	-21.0	0.9	0.9	156.5	45.9
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-139.3	7.6	-18.3	0.9	0.9	163.0	52.4
(PLNS, 80,100,V,H, P,6)	30.1	-135.4	7.6	-15.6	0.9	0.9	161.9	51.3
(PLNS, 80,100,V,H, P,9)	30.1	-132.4	7.6	-16.0	0.9	0.9	158.4	47.8
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-123.9	9.6	1.4	0.9	0.9	169.4	58.8
(PLNS, 80,100,H,H, P,6)	30.1	-120.2	9.6	1.5	0.9	0.9	165.8	55.2
(PLNS, 80,100,H,H, P,9)	30.1	-117.0	9.6	1.3	0.9	0.9	162.3	51.7
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,106,100,H,H, P,3)	42.2	-108.4		0.8		0.9	156.6	43.6
(KLIR,106,100,H,H, P,6)	42.2	-103.7		1.7		0.9	152.8	39.9
(KLIR,106,100,H,H, P,9)	42.2	-100.3		1.4		0.9	149.1	36.2
(KLIR,106,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,106,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,106,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,106,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,106,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,106,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 20

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 20

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
07-28-64	PRESSURE	TYPE	PERCENT	WET	DRY
	25.36	L1,COMULUS	10%	67.3	95.4

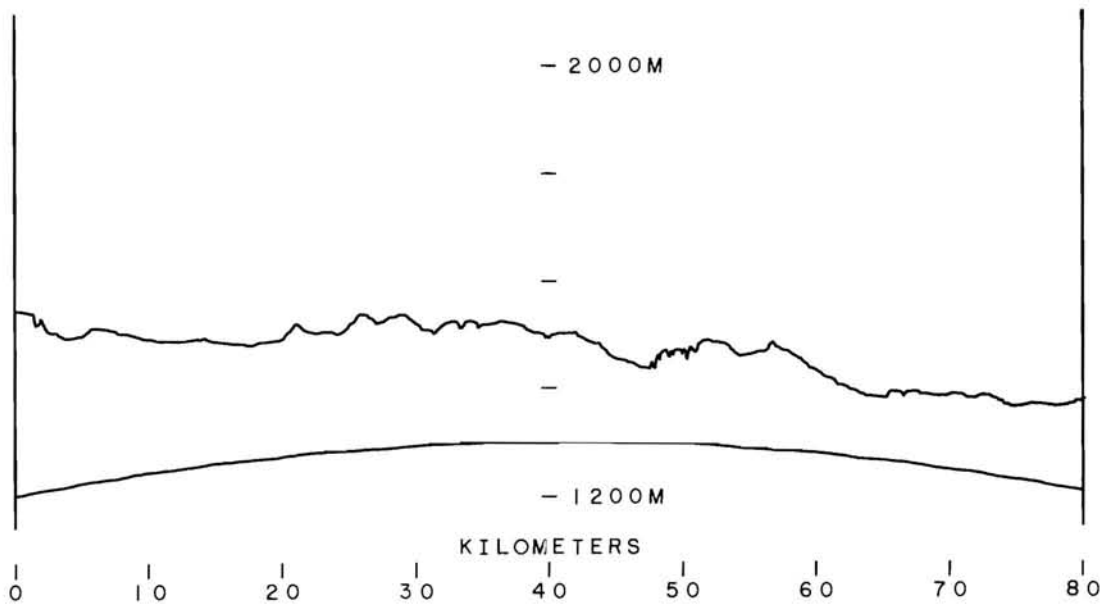
SITE IS OPPOSITE SMALL FARMHOUSE BY ROAD WITH 30FT TREES IN PATH.
 HORIZON IS HILL 1MI. 2-WIRE POWER LINE 20FT HIGH, 20FT WEST OF TRUCK.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-116.8	7.6	0.4	0.9	0.9	159.3	48.7
(PLNS, 80,100,V,V, P,6)	30.1	-110.9	7.6	-1.2	0.9	0.9	151.8	41.2
(PLNS, 80,100,V,V, P,9)	30.1	-108.4	7.6	-1.4	0.9	0.9	149.0	38.4
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-122.4	9.6	-23.9	0.9	0.9	142.5	31.9
(PLNS, 80,100,H,V, P,6)	30.1	-122.4	9.6	-18.0	0.9	0.9	148.4	37.8
(PLNS, 80,100,H,V, P,9)	30.1	-122.4	9.6	-21.0	0.9	0.9	145.4	34.8
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-123.2	7.6	-18.0	0.9	0.9	147.2	36.6
(PLNS, 80,100,V,H, P,6)	30.1	-123.2	7.6	-15.6	0.9	0.9	149.6	39.0
(PLNS, 80,100,V,H, P,9)	30.1	-116.2	7.6	-15.9	0.9	0.9	142.3	31.7
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-109.8	9.6	1.5	0.9	0.9	155.3	44.7
(PLNS, 80,100,H,H, P,6)	30.1	-114.1	9.6	1.5	0.9	0.9	159.6	49.0
(PLNS, 80,100,H,H, P,9)	30.1	-103.0	9.6	1.2	0.9	0.9	148.3	37.7
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,105,100,H,H, P,3)	42.2	-114.7		0.8		0.9	162.9	50.1
(KLIR,105,100,H,H, P,6)	42.2	-109.4		1.7		0.9	158.5	45.6
(KLIR,105,100,H,H, P,9)	42.2	-105.4		1.4		0.9	154.2	41.4
(KLIR,105,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,105,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,105,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,105,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,105,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,105,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 21

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 21

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
07-28-64	PRESSURE	TYPE	PERCENT	WET	DRY
	25.35	L1,COMULUS	10%	63.5	88.5

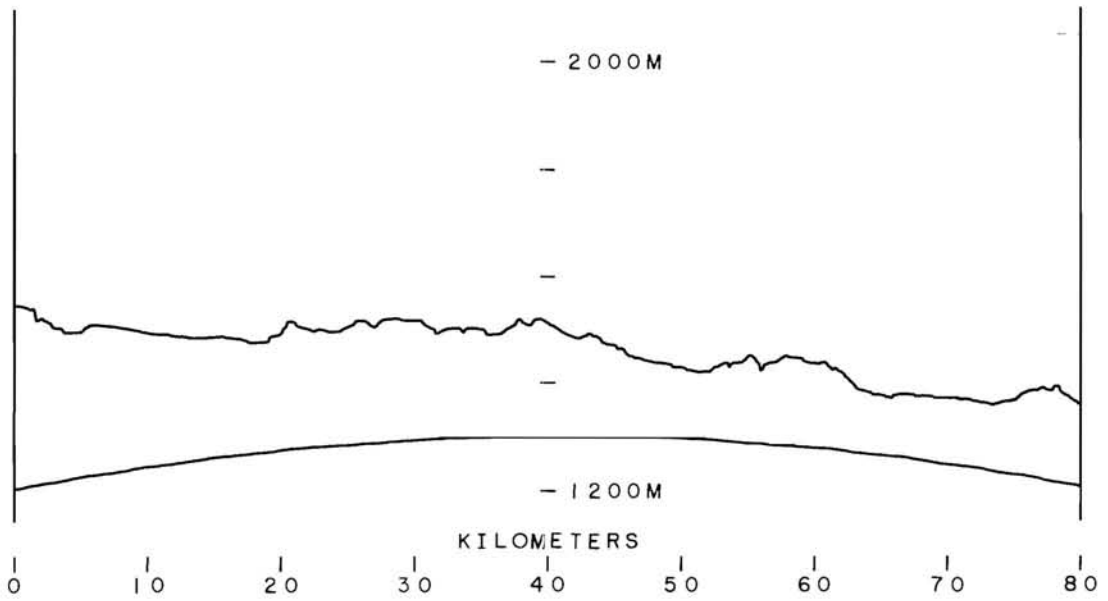
LARGE COTTONWOODS APPROXIMATELY 60FT HIGH, 50FT FROM TRUCK IN PATH.
4-WIRE POWER LINE ON NORTH SIDE OF ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-133.5	7.6	-4.0	0.9	0.9	171.5	60.9
(PLNS, 80,100,V,V, P,6)	30.1	-128.4	7.6	-2.4	0.9	0.9	168.0	57.4
(PLNS, 80,100,V,V, P,9)	30.1	-125.0	7.6	-2.2	0.9	0.9	164.8	54.2
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-137.4	9.6	-16.0	0.9	0.9	165.5	54.9
(PLNS, 80,100,H,V, P,6)	30.1	-143.9	9.6	-18.0	0.9	0.9	170.0	59.4
(PLNS, 80,100,H,V, P,9)	30.1	-131.0	9.6	-23.8	0.9	0.9	151.2	40.6
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-121.7	7.6	-17.6	0.9	0.9	146.2	35.6
(PLNS, 80,100,V,H, P,6)	30.1	-131.4	7.6	-18.3	0.9	0.9	155.2	44.6
(PLNS, 80,100,V,H, P,9)	30.1	-137.0	7.6	-16.8	0.9	0.9	162.2	51.6
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-128.4	9.6	0.1	0.9	0.9	172.5	61.9
(PLNS, 80,100,H,H, P,6)	30.1	-124.5	9.6	1.0	0.9	0.9	169.6	59.0
(PLNS, 80,100,H,H, P,9)	30.1	-120.1	9.6	0.7	0.9	0.9	164.8	54.2
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,104,100,H,H, P,3)	42.2	-110.2		1.2		0.9	158.8	46.0
(KLIR,104,100,H,H, P,6)	42.2	-106.9		1.6		0.9	155.9	43.1
(KLIR,104,100,H,H, P,9)	42.2	-103.7		1.2		0.9	152.3	39.6
(KLIR,104,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,104,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,104,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,104,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,104,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,104,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 22

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 22

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
07-29-64	25.43	CLEAR	0%	62.8	71.9

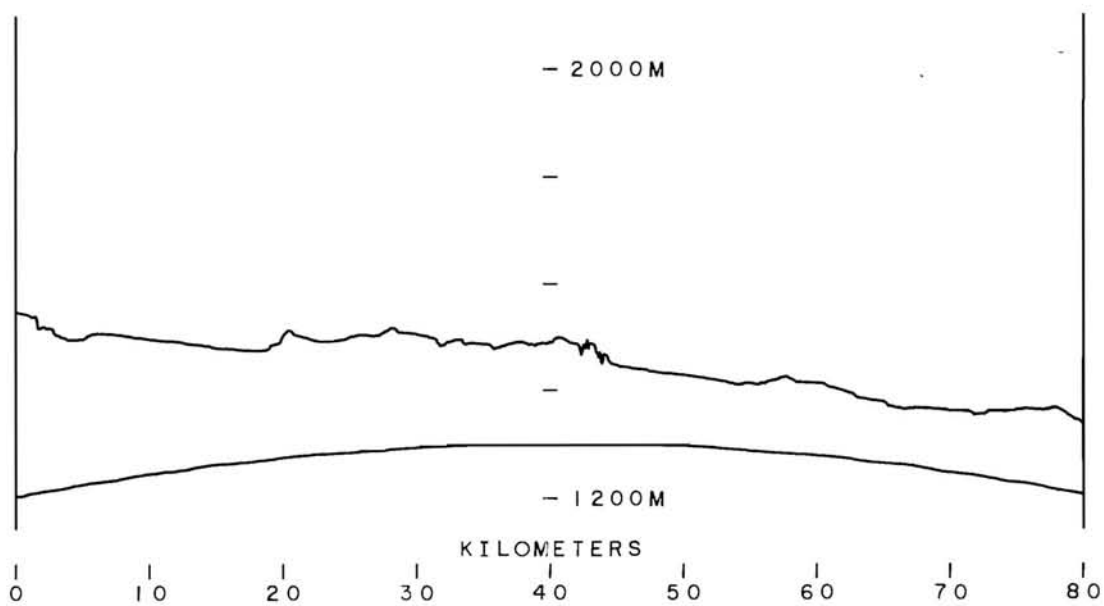
HORIZON 1/4MI. CORNFILD. FARMHOUSE AND BUILDINGS WITH 70FT TREES.
4-WIRE POWER LINE ON SOUTH SIDE OF ROAD, 20FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-131.2	7.6	-0.2	0.9	0.9	173.0	62.4
(PLNS, 80,100,V,V, P,6)	30.1	-130.2	7.6	-0.8	0.9	0.9	171.4	60.8
(PLNS, 80,100,V,V, P,9)	30.1	-128.4	7.6	-1.6	0.9	0.9	168.8	58.2
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-138.4	9.6	-20.5	0.9	0.9	162.0	51.3
(PLNS, 80,100,H,V, P,6)	30.1	-135.6	9.6	-18.7	0.9	0.9	161.0	50.4
(PLNS, 80,100,H,V, P,9)	30.1	-134.4	9.6	-21.5	0.9	0.9	156.9	46.3
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-137.9	7.6	-22.4	0.9	0.9	157.6	47.0
(PLNS, 80,100,V,H, P,6)	30.1	-135.8	7.6	-16.1	0.9	0.9	161.7	51.1
(PLNS, 80,100,V,H, P,9)	30.1	-139.5	7.6	-16.8	0.9	0.9	164.7	54.1
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-125.9	9.6	0.2	0.9	0.9	170.1	59.5
(PLNS, 80,100,H,H, P,6)	30.1	-124.3	9.6	1.2	0.9	0.9	169.6	59.0
(PLNS, 80,100,H,H, P,9)	30.1	-123.6	9.6	0.8	0.9	0.9	168.4	57.8
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,102,100,H,H, P,3)	42.2	-113.5		0.6		0.9	161.5	48.8
(KLIR,102,100,H,H, P,6)	42.2	-107.5		1.1		0.9	156.0	43.3
(KLIR,102,100,H,H, P,9)	42.2	-104.1		0.7		0.9	152.2	39.6
(KLIR,102,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,102,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,102,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,102,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,102,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,102,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 23

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 23

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
07-29-64	25.48	CLEAR	0%	63.8	74.8

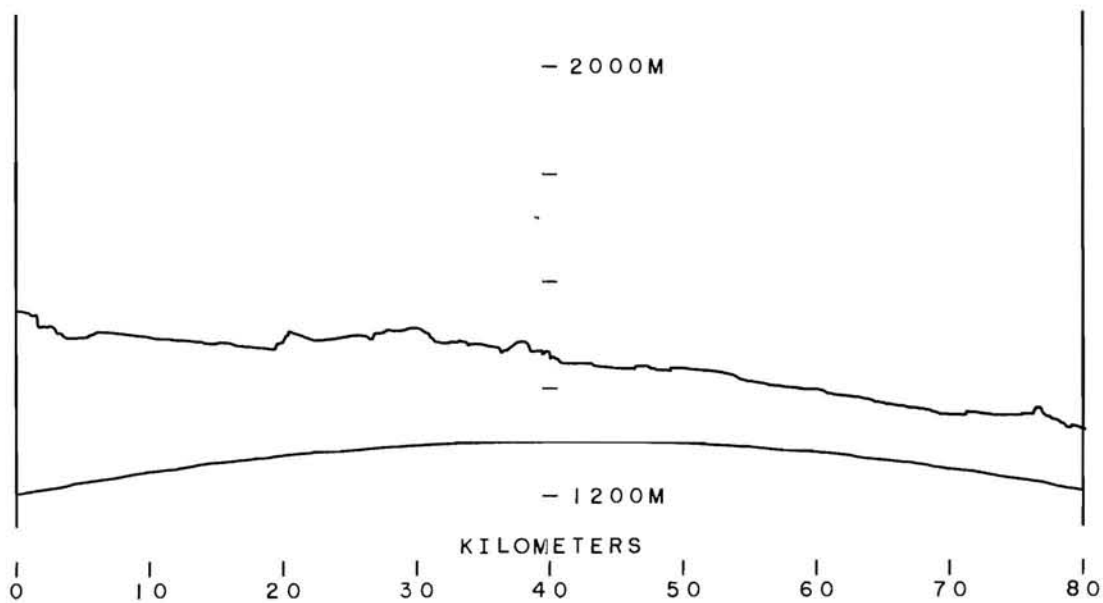
2-WIRE POWER LINE, 20FT HIGH, ON SOUTH SIDE OF ROAD. SMALL HOUSE AT 100YDS, 60FT TREES 1/2MI IN PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-134.1	7.6	-4.1	0.9	0.9	172.0	67.4
(PLNS, 80,100,V,V, P,6)	30.1	-131.9	7.6	-2.4	0.9	0.9	171.5	60.9
(PLNS, 80,100,V,V, P,9)	30.1	-129.0	7.6	-2.2	0.9	0.9	168.9	58.3
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-140.1	9.6	-18.0	0.9	0.9	166.1	55.5
(PLNS, 80,100,H,V, P,6)	30.1	-140.1	9.6	-20.0	0.9	0.9	164.1	53.5
(PLNS, 80,100,H,V, P,9)	30.1	-140.1	9.6	-24.0	0.9	0.9	160.1	49.5
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-143.9	7.6	-17.7	0.9	0.9	168.3	57.7
(PLNS, 80,100,V,H, P,6)	30.1	-137.4	7.6	-18.2	0.9	0.9	161.3	50.7
(PLNS, 80,100,V,H, P,9)	30.1	-137.4	7.6	-16.7	0.9	0.9	162.8	52.2
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-135.4	9.6	-0.1	0.9	0.9	179.4	68.8
(PLNS, 80,100,H,H, P,6)	30.1	-131.2	9.6	1.0	0.9	0.9	176.2	65.6
(PLNS, 80,100,H,H, P,9)	30.1	-129.4	9.6	0.7	0.9	0.9	174.1	67.5
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,101,100,H,H, P,3)	42.2	-117.0		1.1		0.9	165.5	52.9
(KLIR,101,100,H,H, P,6)	42.2	-108.7		1.6		0.9	157.7	45.1
(KLIR,101,100,H,H, P,9)	42.2	-107.2		1.1		0.9	155.7	47.1
(KLIR,101,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,101,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,101,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,101,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,101,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,101,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 24

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITF 24

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-29-64	25.52	CLEAR	0%	64.8	77.0

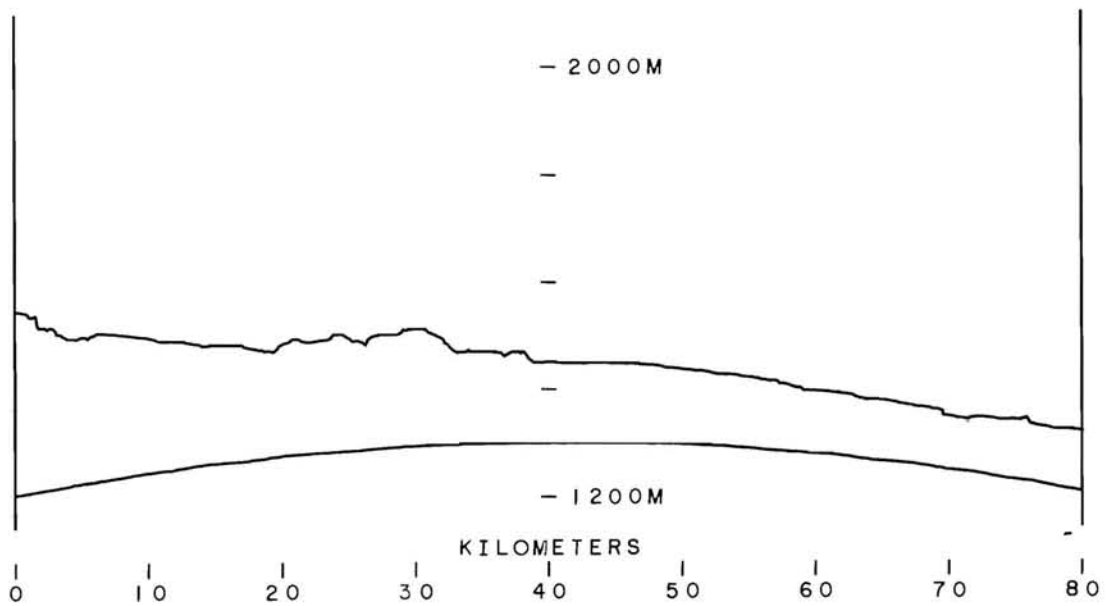
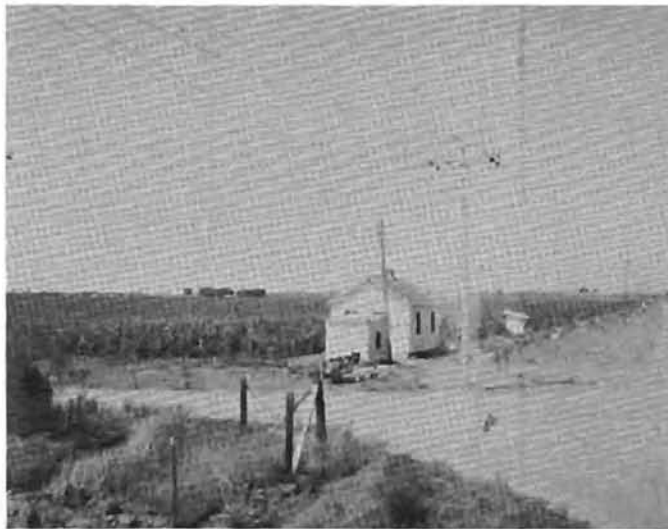
60FT TREES 1/2MI IN PATH. 4-WIRE POWER LINE 20FT SOUTH OF TRUCK.
RAILROAD TRACKS 50FT SOUTH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-132.8	7.6	-4.1	0.9	0.9	170.8	60.1
(PLNS, 80,100,V,V, P,6)	30.1	-129.8	7.6	-2.4	0.9	0.9	169.4	58.8
(PLNS, 80,100,V,V, P,9)	30.1	-126.1	7.6	-2.2	0.9	0.9	166.0	55.4
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-137.4	9.6	-19.0	0.9	0.9	162.5	51.9
(PLNS, 80,100,H,V, P,6)	30.1	-134.1	9.6	-20.5	0.9	0.9	157.6	47.0
(PLNS, 80,100,H,V, P,9)	30.1	-140.3	9.6	-24.0	0.9	0.9	160.4	49.8
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-141.2	7.6	-17.7	0.9	0.9	165.5	54.9
(PLNS, 80,100,V,H, P,6)	30.1	-141.2	7.6	-18.2	0.9	0.9	165.0	54.4
(PLNS, 80,100,V,H, P,9)	30.1	-135.4	7.6	-16.6	0.9	0.9	160.9	50.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-128.4	9.6	-0.1	0.9	0.9	172.3	61.7
(PLNS, 80,100,H,H, P,6)	30.1	-123.4	9.6	1.0	0.9	0.9	168.4	57.8
(PLNS, 80,100,H,H, P,9)	30.1	-125.0	9.6	0.6	0.9	0.9	169.6	59.0
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR,100,100,H,H, P,3)	42.2	-115.4		1.0		0.9	163.8	51.3
(KLIR,100,100,H,H, P,6)	42.2	-108.1		1.6		0.9	157.1	44.6
(KLIR,100,100,H,H, P,9)	42.2	-105.9		1.1		0.9	154.4	41.9
(KLIR,100,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR,100,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR,100,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR,100,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR,100,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR,100,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 25

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
07-29-64	PRESSURE	TYPE	PERCENT	WET	DRY
	25.52	CLEAR	0%	64.3	79.0

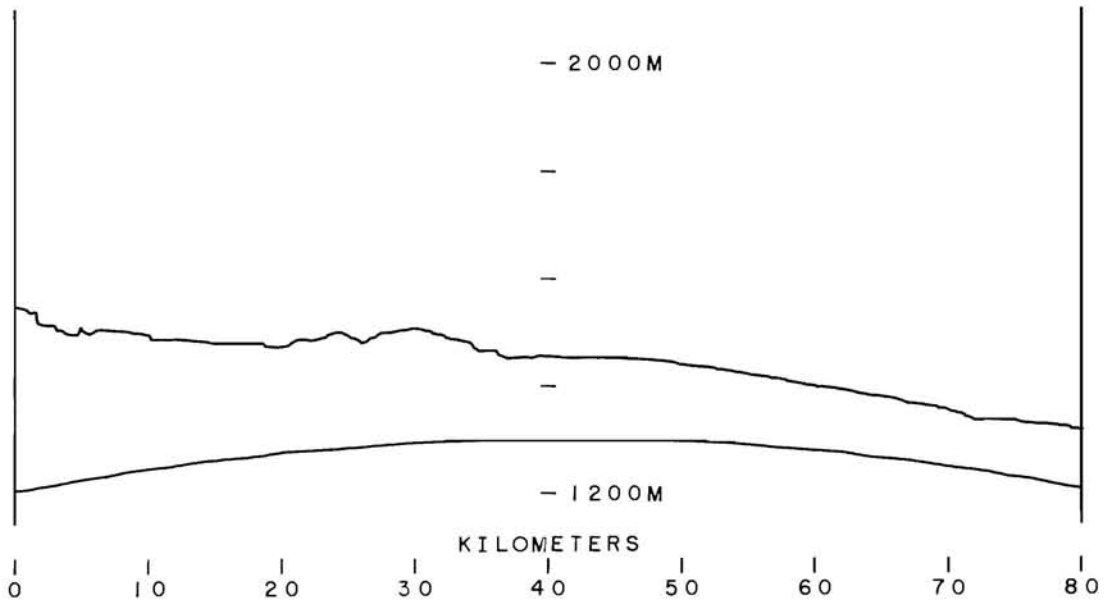
HORIZON ABOUT 4MI. SMALL IRRIGATION SHED WEST AND SOUTH OF THE INTER-SECTION, ANOTHER 30FT SOUTH OF TRUCK. 6 2-WIRE POWER LINES SOUTH OF TRUCK. 8 POWER LINES ON WEST SIDE OF ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-139.9	7.6	-4.1	0.9	0.9	177.8	67.2
(PLNS, 80,100,V,V, P,6)	30.1	-139.9	7.6	-2.4	0.9	0.9	179.5	68.9
(PLNS, 80,100,V,V, P,9)	30.1	-133.2	7.6	-2.2	0.9	0.9	173.0	62.4
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-136.2	9.6	-19.9	0.9	0.9	160.3	49.7
(PLNS, 80,100,H,V, P,6)	30.1	-147.5	9.6	-22.2	0.9	0.9	169.3	58.7
(PLNS, 80,100,H,V, P,9)	30.1	-136.2	9.6	-24.0	0.9	0.9	156.2	45.6
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-148.1	7.6	-17.8	0.9	0.9	172.3	61.7
(PLNS, 80,100,V,H, P,6)	30.1	-140.3	7.6	-18.0	0.9	0.9	164.4	53.8
(PLNS, 80,100,V,H, P,9)	30.1	-137.1	7.6	-16.6	0.9	0.9	162.5	51.9
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-131.0	9.6	-0.2	0.9	0.9	174.8	64.2
(PLNS, 80,100,H,H, P,6)	30.1	-131.0	9.6	1.0	0.9	0.9	176.0	65.4
(PLNS, 80,100,H,H, P,9)	30.1	-126.9	9.6	0.6	0.9	0.9	171.5	60.9
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 99,100,H,H, P,3)	42.2	-121.6		1.0		0.9	170.0	57.6
(KLIR, 99,100,H,H, P,6)	42.2	-115.1		1.6		0.9	164.1	51.7
(KLIR, 99,100,H,H, P,9)	42.2	-105.4		1.1		0.9	153.9	41.5
(KLIR, 99,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 99,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 99,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 99,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 99,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 99,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 26

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 26

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-29-64	25.52	CLEAR	0%	63.3	83.8

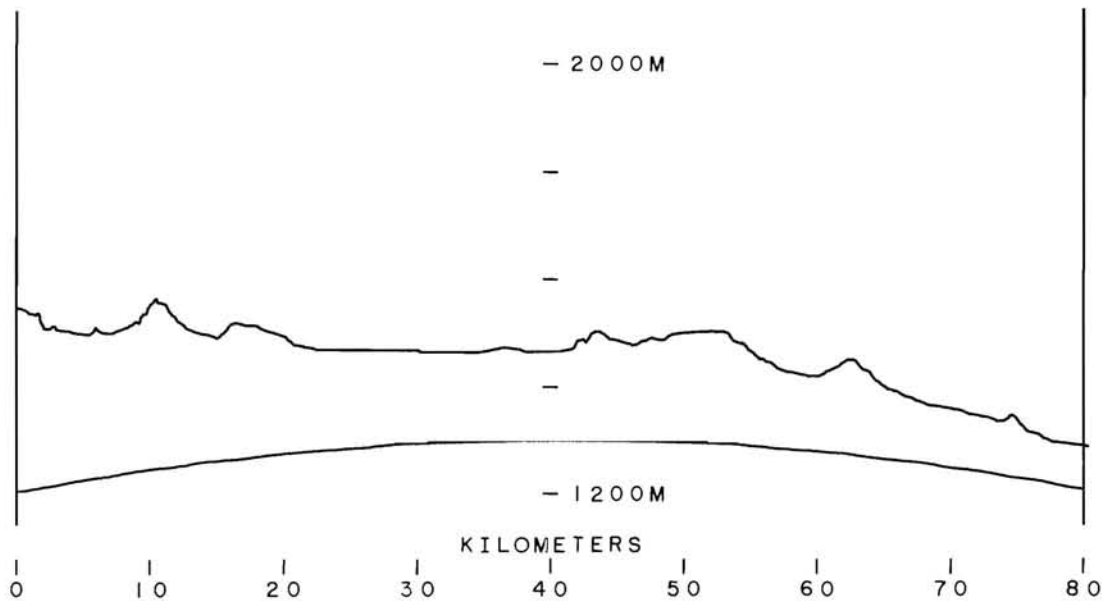
LEVEL FARMING LAND. POWER LINE CROSSES PATH 3/4MI AWAY

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-130.6	7.6	-4.1	0.9	0.9	168.5	57.9
(PLNS, 80,100,V,V, P,6)	30.1	-128.1	7.6	-2.4	0.9	0.9	167.7	57.1
(PLNS, 80,100,V,V, P,9)	30.1	-124.5	7.6	-2.2	0.9	0.9	164.4	53.8
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-140.1	9.6	-20.3	0.9	0.9	163.8	53.2
(PLNS, 80,100,H,V, P,6)	30.1	-140.1	9.6	-22.8	0.9	0.9	161.3	50.7
(PLNS, 80,100,H,V, P,9)	30.1	-140.1	9.6	-24.0	0.9	0.9	160.1	49.5
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-140.1	7.6	-17.8	0.9	0.9	164.3	53.7
(PLNS, 80,100,V,H, P,6)	30.1	-137.9	7.6	-18.0	0.9	0.9	162.0	51.4
(PLNS, 80,100,V,H, P,9)	30.1	-137.9	7.6	-16.5	0.9	0.9	163.5	52.9
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-124.1	9.6	-0.2	0.9	0.9	168.0	57.4
(PLNS, 80,100,H,H, P,6)	30.1	-124.1	9.6	1.0	0.9	0.9	169.2	58.6
(PLNS, 80,100,H,H, P,9)	30.1	-120.2	9.6	0.6	0.9	0.9	164.9	54.3
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 99,100,H,H, P,3)	42.2	-112.9		1.0		0.9	161.3	49.0
(KLIR, 99,100,H,H, P,6)	42.2	-105.0		1.6		0.9	154.0	41.6
(KLIR, 99,100,H,H, P,9)	42.2	-103.0		1.1		0.9	151.5	39.2
(KLIR, 99,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 99,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 99,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 99,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 99,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 99,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 29

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 29

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-29-64	25.49	L1,COMULUS	10%	68.3	93.8

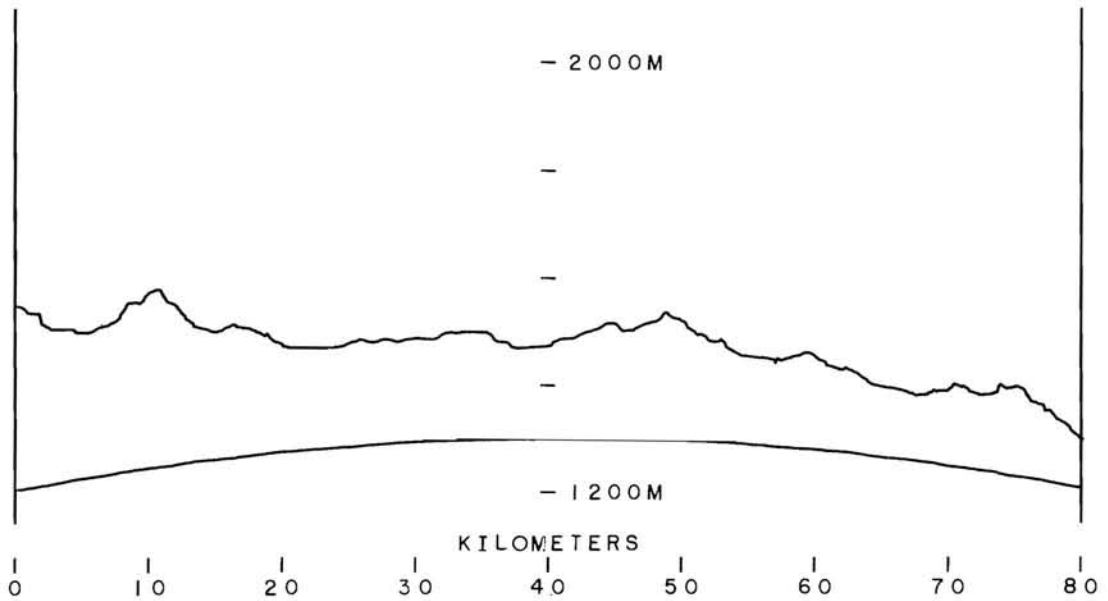
SITE HAS HORIZON OF TREES AT SOUTH PLATTF RIVER 1 1/2MI IN PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-131.8	7.6	-4.0	0.9	0.9	169.8	59.2
(PLNS, 80,100,V,V, P,6)	30.1	-128.1	7.6	-2.3	0.9	0.9	167.8	57.2
(PLNS, 80,100,V,V, P,9)	30.1	-123.0	7.6	-2.2	0.9	0.9	162.9	52.3
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-143.9	9.6	-24.3	0.9	0.9	163.7	53.1
(PLNS, 80,100,H,V, P,6)	30.1	-139.5	9.6	-25.1	0.9	0.9	158.4	47.8
(PLNS, 80,100,H,V, P,9)	30.1	-139.5	9.6	-21.5	0.9	0.9	162.0	51.4
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-145.2	7.6	-18.2	0.9	0.9	169.0	58.4
(PLNS, 80,100,V,H, P,6)	30.1	-140.1	7.6	-16.5	0.9	0.9	165.6	55.0
(PLNS, 80,100,V,H, P,9)	30.1	-137.0	7.6	-16.1	0.9	0.9	162.9	52.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-132.4	9.6	-0.2	0.9	0.9	176.2	65.6
(PLNS, 80,100,H,H, P,6)	30.1	-126.1	9.6	1.1	0.9	0.9	171.3	60.7
(PLNS, 80,100,H,H, P,9)	30.1	-122.8	9.6	0.8	0.9	0.9	167.7	57.1
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 94,100,H,H, P,3)	42.2	-116.9		0.9		0.9	165.2	53.3
(KLIR, 94,100,H,H, P,6)	42.2	-110.2		1.4		0.9	159.0	47.1
(KLIR, 94,100,H,H, P,9)	42.2	-105.9		1.0		0.9	154.3	42.4
(KLIR, 94,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 94,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 94,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 94,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 94,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 94,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 30

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS H= 80KM SITF 30

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
07-29-64	25.45	L5	60%	66.9	93.5

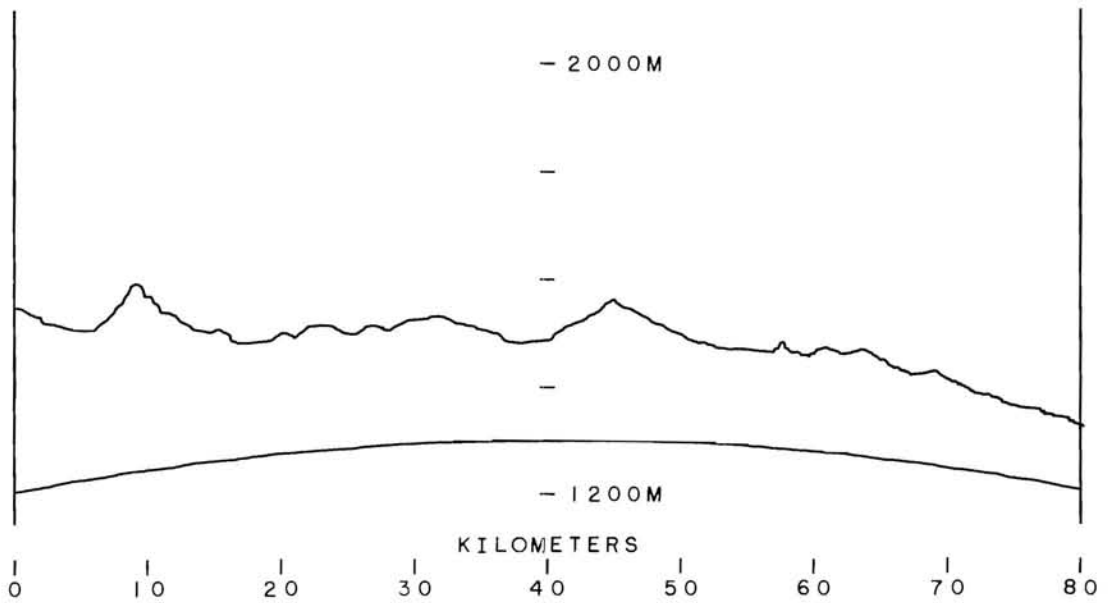
SITE IS ON HILLTOP ON HIGHWAY 34. 20FT DIRT BANK ON SOUTH SIDE OF ROAD WITH 5-WIRE HIGH VOLTAGE LINE ON TOP.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-142.2	7.6	-4.0	0.9	0.9	180.2	69.6
(PLNS, 80,100,V,V, P,6)	30.1	-135.1	7.6	-2.4	0.9	0.9	174.7	64.1
(PLNS, 80,100,V,V, P,9)	30.1	-132.1	7.6	-2.2	0.9	0.9	172.0	61.4
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-140.1	9.6	-17.0	0.9	0.9	167.1	56.5
(PLNS, 80,100,H,V, P,6)	30.1	-136.2	9.6	-19.0	0.9	0.9	161.2	50.6
(PLNS, 80,100,H,V, P,9)	30.1	-135.1	9.6	-24.0	0.9	0.9	155.1	44.5
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-135.4	7.6	-17.6	0.9	0.9	159.9	49.3
(PLNS, 80,100,V,H, P,6)	30.1	-135.4	7.6	-18.3	0.9	0.9	159.2	48.6
(PLNS, 80,100,V,H, P,9)	30.1	-135.4	7.6	-16.7	0.9	0.9	160.8	50.2
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-133.8	9.6	0.0	0.9	0.9	177.8	67.2
(PLNS, 80,100,H,H, P,6)	30.1	-131.9	9.6	1.0	0.9	0.9	176.9	66.3
(PLNS, 80,100,H,H, P,9)	30.1	-130.6	9.6	0.7	0.9	0.9	175.3	64.7
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 91,100,H,H, P,3)	42.2	-125.4		1.2		0.9	174.0	62.4
(KLIR, 91,100,H,H, P,6)	42.2	-117.8		1.7		0.9	166.9	55.3
(KLIR, 91,100,H,H, P,9)	42.2	-112.4		1.2		0.9	161.0	49.4
(KLIR, 91,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 91,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 91,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 91,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 91,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 91,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS R= 80KM SITE 32

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 32

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
07-30-64	25.40	C1	10%	65.8	79.0

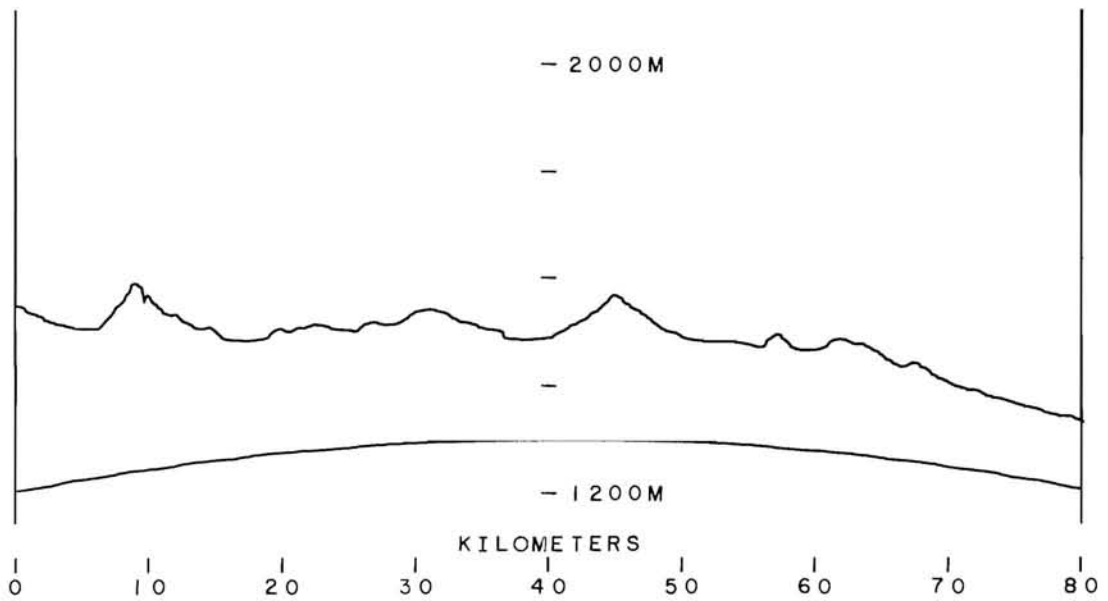
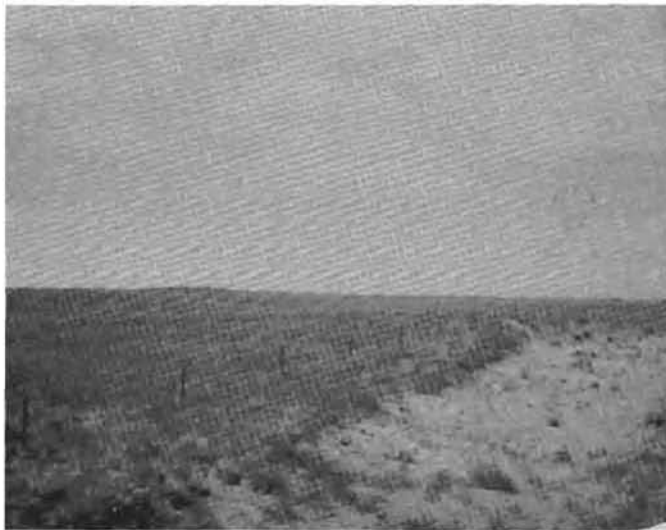
2-WIRE PHONE LINE 20FT WEST OF TRUCK, POWER LINE ACROSS PATH AT 1/2MI.
HORIZON 2MI, LEVEL HAY GROUND.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-138.8	7.6	0.8	0.9	0.9	181.7	71.1
(PLNS, 80,100,V,V, P,6)	30.1	-138.8	7.6	-0.7	0.9	0.9	180.2	69.6
(PLNS, 80,100,V,V, P,9)	30.1	-137.0	7.6	-1.2	0.9	0.9	177.8	67.2
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	**	9.6	-18.0	0.9	0.9	**	**
(PLNS, 80,100,H,V, P,6)	30.1	**	9.6	-14.5	0.9	0.9	**	**
(PLNS, 80,100,H,V, P,9)	30.1	**	9.6	-18.2	0.9	0.9	**	**
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	**	7.6	-18.6	0.9	0.9	**	**
(PLNS, 80,100,V,H, P,6)	30.1	**	7.6	-15.7	0.9	0.9	**	**
(PLNS, 80,100,V,H, P,9)	30.1	**	7.6	-16.1	0.9	0.9	**	**
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-130.6	9.6	0.9	0.9	0.9	175.5	64.9
(PLNS, 80,100,H,H, P,6)	30.1	-124.3	9.6	1.6	0.9	0.9	170.0	59.4
(PLNS, 80,100,H,H, P,9)	30.1	-120.3	9.6	1.4	0.9	0.9	165.8	55.2
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 84,100,H,H, P,3)	42.2	-110.2		-0.1		0.9	157.5	46.5
(KLIR, 84,100,H,H, P,6)	42.2	-105.0		1.5		0.9	153.9	42.9
(KLIR, 84,100,H,H, P,9)	42.2	-101.6		1.3		0.9	150.3	39.4
(KLIR, 84,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 84,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 84,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 84,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 84,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 84,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED
** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 80KM SITE 33

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 33

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-30-64	25.33	C1	10%	63.3	86.2

ROLLING CATTLE COUNTRY. HORIZON 1/2MI.

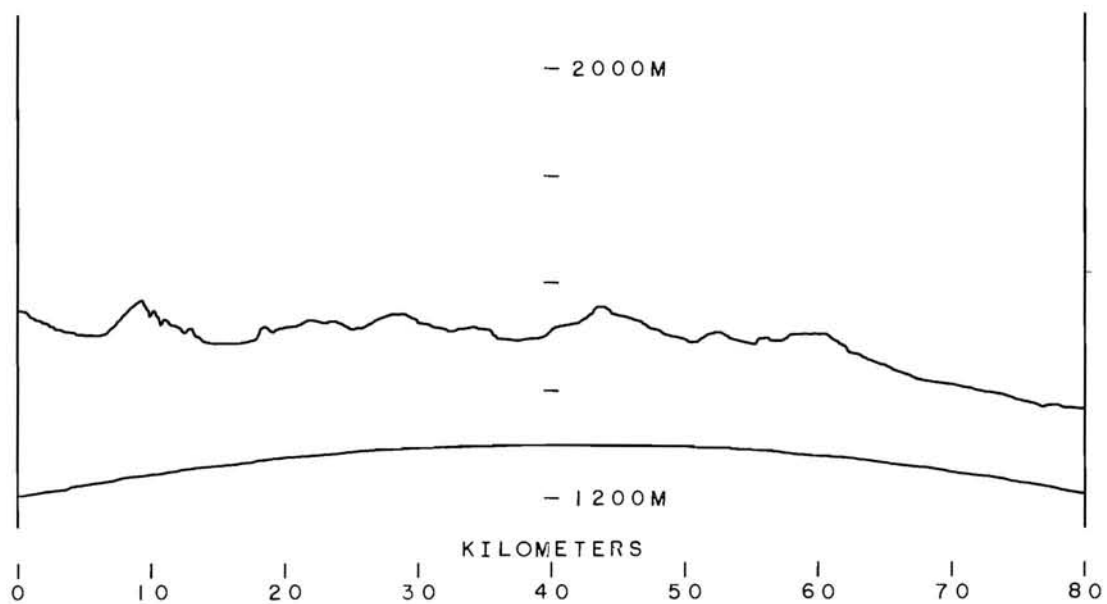
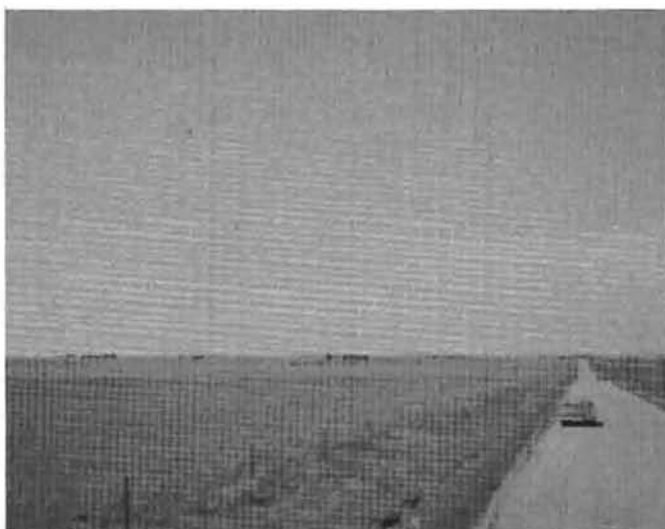
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-130.2	7.6	-1.0	0.9	0.9	171.2	60.6
(PLNS, 80,100,V,V, P,6)	30.1	-125.2	7.6	-1.5	0.9	0.9	165.7	55.1
(PLNS, 80,100,V,V, P,9)	30.1	-120.3	7.6	-2.0	0.9	0.9	160.4	49.8
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	**	9.6	-15.5	0.9	0.9	**	**
(PLNS, 80,100,H,V, P,6)	30.1	**	9.6	-13.2	0.9	0.9	**	**
(PLNS, 80,100,H,V, P,9)	30.1	**	9.6	-15.5	0.9	0.9	**	**
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-145.4	7.6	-21.3	0.9	0.9	166.2	55.5
(PLNS, 80,100,V,H, P,6)	30.1	-145.4	7.6	-17.9	0.9	0.9	169.6	58.9
(PLNS, 80,100,V,H, P,9)	30.1	-141.6	7.6	-16.0	0.9	0.9	167.6	57.0
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-139.5	9.6	-1.4	0.9	0.9	182.1	71.5
(PLNS, 80,100,H,H, P,6)	30.1	-128.7	9.6	1.6	0.9	0.9	174.3	63.7
(PLNS, 80,100,H,H, P,9)	30.1	-120.1	9.6	1.1	0.9	0.9	165.2	54.6
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 83,100,H,H, P,3)	42.2	-114.4		-0.3		0.9	161.5	50.7
(KLIR, 83,100,H,H, P,6)	42.2	-104.5		1.4		0.9	153.3	42.5
(KLIR, 83,100,H,H, P,9)	42.2	-101.7		0.8		0.9	149.9	39.1
(KLIR, 83,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 83,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 83,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 83,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 83,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 83,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 80KM SITE 34

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITF 34

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
07-30-64	25.23	C1	10%	66.0	93.2

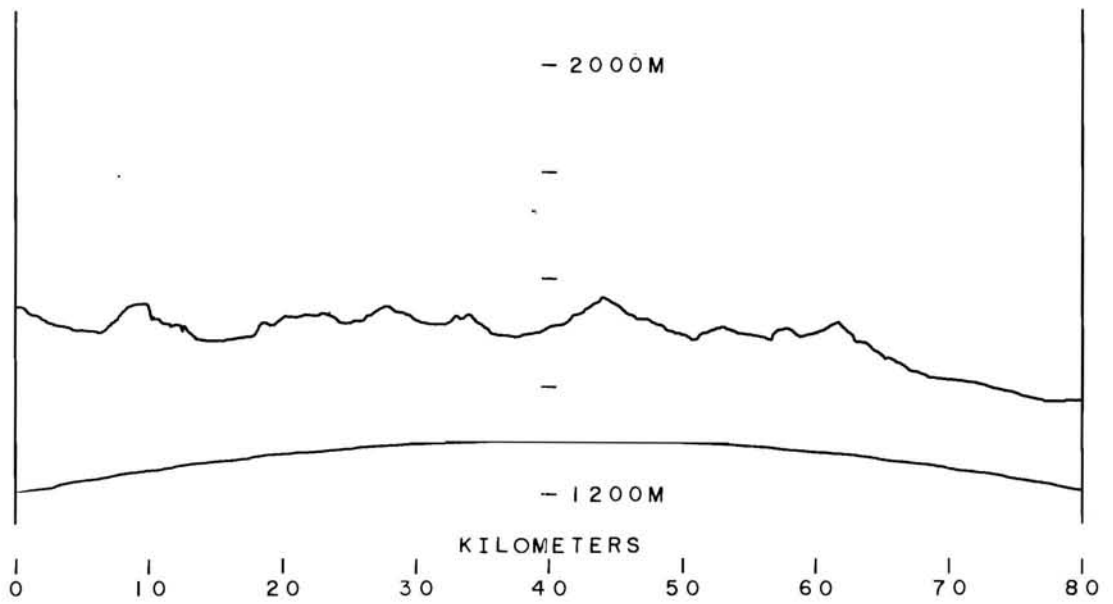
ROLLING WHEAT LAND, TREES AND BUILDING 1/2MI, HORIZON 10MI.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-136.2	7.6	-2.5	0.9	0.9	175.7	65.1
(PLNS, 80,100,V,V, P,6)	30.1	-129.0	7.6	-1.9	0.9	0.9	169.2	58.6
(PLNS, 80,100,V,V, P,9)	30.1	-125.4	7.6	-2.2	0.9	0.9	165.3	54.6
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-142.2	9.6	-18.0	0.9	0.9	168.2	57.6
(PLNS, 80,100,H,V, P,6)	30.1	-142.2	9.6	-17.5	0.9	0.9	168.7	58.1
(PLNS, 80,100,H,V, P,9)	30.1	-142.2	9.6	-17.5	0.9	0.9	168.7	58.1
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-143.2	7.6	-20.0	0.9	0.9	165.2	54.6
(PLNS, 80,100,V,H, P,6)	30.1	-135.4	7.6	-15.5	0.9	0.9	162.0	51.4
(PLNS, 80,100,V,H, P,9)	30.1	-130.2	7.6	-15.7	0.9	0.9	156.5	45.9
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-133.5	9.6	-0.4	0.9	0.9	177.1	66.5
(PLNS, 80,100,H,H, P,6)	30.1	-128.4	9.6	1.6	0.9	0.9	174.0	63.4
(PLNS, 80,100,H,H, P,9)	30.1	-123.7	9.6	1.0	0.9	0.9	168.8	58.2
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 80,100,H,H, P,3)	42.2	-109.4		0.0		0.9	156.8	46.3
(KLIR, 80,100,H,H, P,6)	42.2	-106.4		1.0		0.9	154.8	44.2
(KLIR, 80,100,H,H, P,9)	42.2	-101.0		0.7		0.9	149.1	38.6
(KLIR, 80,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 80,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 80,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 80,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 80,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 80,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 35

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITF 35

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
07-30-64	24.15	C1	30%	64.5	97.8

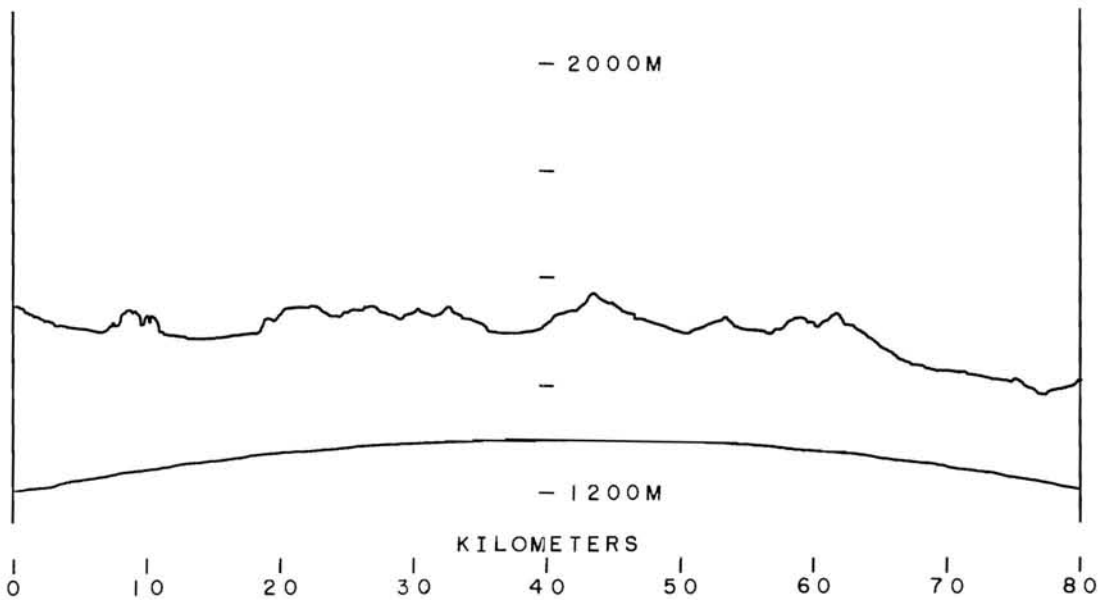
GENTLY ROLLING FARMLAND, BUILDINGS ON SOUTH SIDE OF ROAD. 20FT POWER LINE ON NORTH SIDE OF ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-127.5	7.6	0.8	0.9	0.9	170.3	59.7
(PLNS, 80,100,V,V, P,6)	30.1	-123.7	7.6	-0.4	0.9	0.9	165.4	54.8
(PLNS, 80,100,V,V, P,9)	30.1	-122.4	7.6	-1.2	0.9	0.9	163.2	52.6
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-133.5	9.6	-18.4	0.9	0.9	159.1	48.5
(PLNS, 80,100,H,V, P,6)	30.1	-133.5	9.6	-17.6	0.9	0.9	159.9	49.3
(PLNS, 80,100,H,V, P,9)	30.1	-133.5	9.6	-20.0	0.9	0.9	157.5	46.9
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-134.1	7.6	-22.9	0.9	0.9	153.2	42.6
(PLNS, 80,100,V,H, P,6)	30.1	-129.0	7.6	-16.0	0.9	0.9	155.1	44.5
(PLNS, 80,100,V,H, P,9)	30.1	-129.0	7.6	-16.5	0.9	0.9	154.6	44.0
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-127.8	9.6	-0.4	0.9	0.9	171.4	60.8
(PLNS, 80,100,H,H, P,6)	30.1	-121.4	9.6	1.4	0.9	0.9	166.9	56.3
(PLNS, 80,100,H,H, P,9)	30.1	-119.5	9.6	1.2	0.9	0.9	164.7	54.1
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 79,100,H,H, P,3)	42.2	-109.4		0.0		0.9	156.8	46.4
(KLIR, 79,100,H,H, P,6)	42.2	-103.4		1.2		0.9	152.0	41.6
(KLIR, 79,100,H,H, P,9)	42.2	-100.2		0.8		0.9	148.4	38.0
(KLIR, 79,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 79,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 79,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 79,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 79,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 79,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 36

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 36

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-30-64	25.05	C1	40%	65.0	96.5

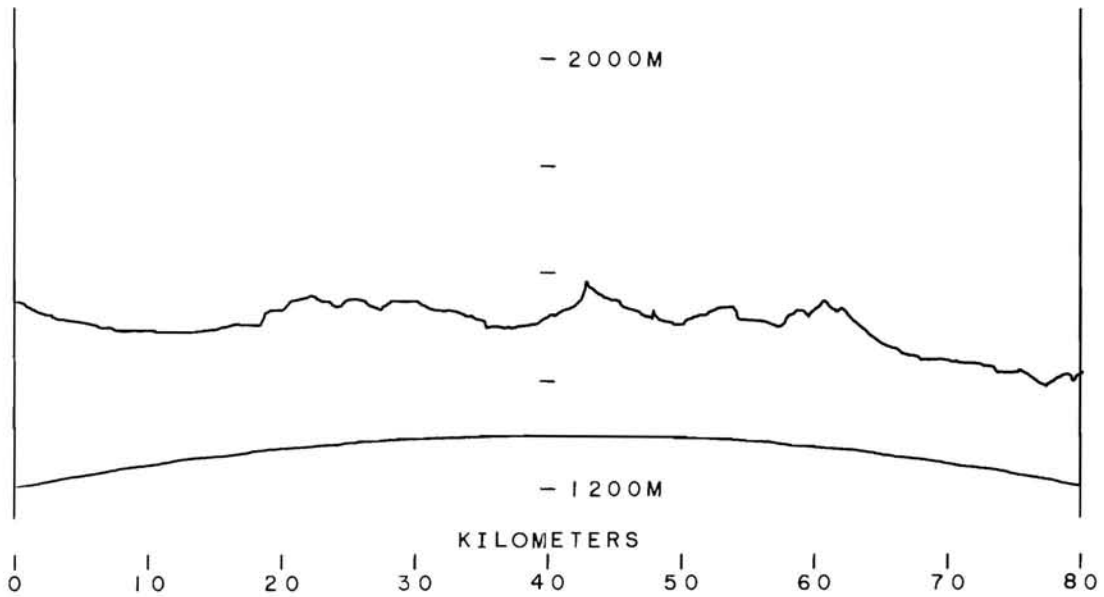
SITE IS ON EASTERLY RISE, HORIZON 20MI ON PATH. NO OBSTRUCTIONS.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-123.6	7.6	0.8	0.9	0.9	166.4	55.8
(PLNS, 80,100,V,V, P,6)	30.1	-119.2	7.6	-0.4	0.9	0.9	160.8	50.2
(PLNS, 80,100,V,V, P,9)	30.1	-116.6	7.6	-1.2	0.9	0.9	157.4	46.8
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-134.7	9.6	-19.8	0.9	0.9	159.0	48.4
(PLNS, 80,100,H,V, P,6)	30.1	-132.9	9.6	-18.0	0.9	0.9	159.0	48.4
(PLNS, 80,100,H,V, P,9)	30.1	-131.0	9.6	-17.2	0.9	0.9	157.8	47.2
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-132.9	7.6	-22.0	0.9	0.9	153.0	42.4
(PLNS, 80,100,V,H, P,6)	30.1	-127.8	7.6	-16.0	0.9	0.9	153.8	43.2
(PLNS, 80,100,V,H, P,9)	30.1	-124.7	7.6	-16.5	0.9	0.9	150.3	39.7
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-123.9	9.6	-0.3	0.9	0.9	167.7	57.1
(PLNS, 80,100,H,H, P,6)	30.1	-117.4	9.6	1.2	0.9	0.9	162.7	52.1
(PLNS, 80,100,H,H, P,9)	30.1	-113.0	9.6	1.4	0.9	0.9	158.5	47.9
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 77,100,H,H, P,3)	42.2	-105.0		-0.1		0.9	152.3	42.1
(KLIR, 77,100,H,H, P,6)	42.2	-98.4		1.2		0.9	147.0	36.8
(KLIR, 77,100,H,H, P,9)	42.2	-96.2		0.8		0.9	144.4	34.2
(KLIR, 77,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 77,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 77,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 77,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 77,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 77,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 37

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 37

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
07-30-64	PRESSURE	TYPE	PERCENT	WET	DRY
	25.00	C1,CUMULUS	40%	63.3	98.0

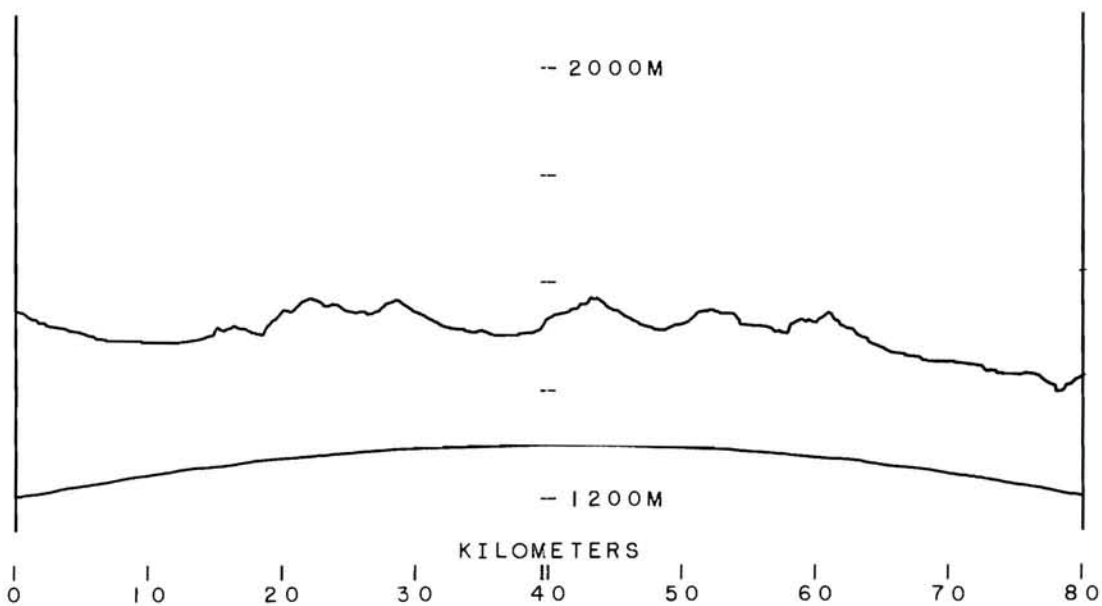
NO OBSTRUCTIONS. HORIZON 20MI.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-133.5	7.6	0.8	0.9	0.9	176.3	65.7
(PLNS, 80,100,V,V, P,6)	30.1	-126.9	7.6	-0.4	0.9	0.9	168.5	57.9
(PLNS, 80,100,V,V, P,9)	30.1	-123.6	7.6	-1.2	0.9	0.9	164.4	53.8
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-134.1	9.6	-17.7	0.9	0.9	160.4	49.8
(PLNS, 80,100,H,V, P,6)	30.1	-134.1	9.6	-17.0	0.9	0.9	161.1	50.5
(PLNS, 80,100,H,V, P,9)	30.1	-131.0	9.6	-19.5	0.9	0.9	155.5	44.9
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-132.9	7.6	-21.8	0.9	0.9	153.2	42.6
(PLNS, 80,100,V,H, P,6)	30.1	-136.2	7.6	-16.0	0.9	0.9	162.2	51.6
(PLNS, 80,100,V,H, P,9)	30.1	-136.2	7.6	-16.5	0.9	0.9	161.7	51.1
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-123.9	9.6	-0.3	0.9	0.9	167.7	57.1
(PLNS, 80,100,H,H, P,6)	30.1	-117.0	9.6	1.2	0.9	0.9	162.2	51.6
(PLNS, 80,100,H,H, P,9)	30.1	-114.1	9.6	1.4	0.9	0.9	159.5	48.9
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 76,100,H,H, P,3)	42.2	-105.9		-0.2		0.9	153.1	43.1
(KLIR, 76,100,H,H, P,6)	42.2	-98.8		1.2		0.9	147.4	37.4
(KLIR, 76,100,H,H, P,9)	42.2	-95.4		0.9		0.9	143.7	33.7
(KLIR, 76,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 76,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 76,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 76,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 76,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 76,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 38

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 38

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-30-64	24.96	H9,L1	30%	63.0	78.8

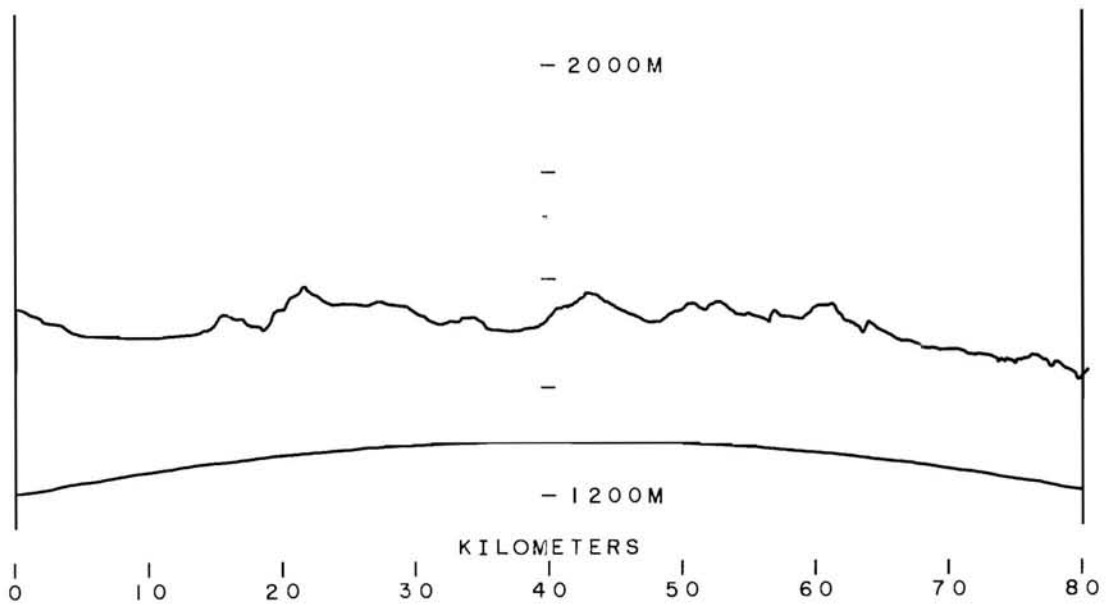
HORIZON 20MI WITH MOUNTAINS IN BACKGROUND. FARMHOUSE ON SOUTH SIDE OF ROAD 3/4MI. 5-WIRE POWER LINE NORTH SIDE OF ROAD, 30FT HIGH.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-123.0	7.6	-2.3	0.9	0.9	162.8	52.2
(PLNS, 80,100,V,V, P,6)	30.1	-118.4	7.6	-1.8	0.9	0.9	158.7	48.0
(PLNS, 80,100,V,V, P,9)	30.1	-114.4	7.6	-2.2	0.9	0.9	154.2	43.6
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-130.6	9.6	-16.8	0.9	0.9	157.8	47.2
(PLNS, 80,100,H,V, P,6)	30.1	-125.0	9.6	-15.7	0.9	0.9	153.3	42.7
(PLNS, 80,100,H,V, P,9)	30.1	-118.9	9.6	-16.5	0.9	0.9	146.5	35.9
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-129.0	7.6	-20.7	0.9	0.9	150.4	39.8
(PLNS, 80,100,V,H, P,6)	30.1	-125.0	7.6	-16.1	0.9	0.9	150.9	40.3
(PLNS, 80,100,V,H, P,9)	30.1	-121.6	7.6	-15.7	0.9	0.9	147.9	37.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-115.1	9.6	-0.7	0.9	0.9	158.4	47.8
(PLNS, 80,100,H,H, P,6)	30.1	-109.0	9.6	1.6	0.9	0.9	154.7	44.1
(PLNS, 80,100,H,H, P,9)	30.1	-106.4	9.6	1.1	0.9	0.9	151.5	40.9
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 74,100,H,H, P,3)	42.2	-95.6		-0.2		0.9	142.8	32.9
(KLIR, 74,100,H,H, P,6)	42.2	-92.1		1.0		0.9	140.5	30.7
(KLIR, 74,100,H,H, P,9)	42.2	-89.0		0.6		0.9	137.0	27.2
(KLIR, 74,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 74,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 74,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 74,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 74,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 74,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 39

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SIF 39

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN	
DATE	PRESSURE	TYPE	PERCENT	WET	DRY
07-30-64	24.95	H9,L1	25%	64.8	83.2

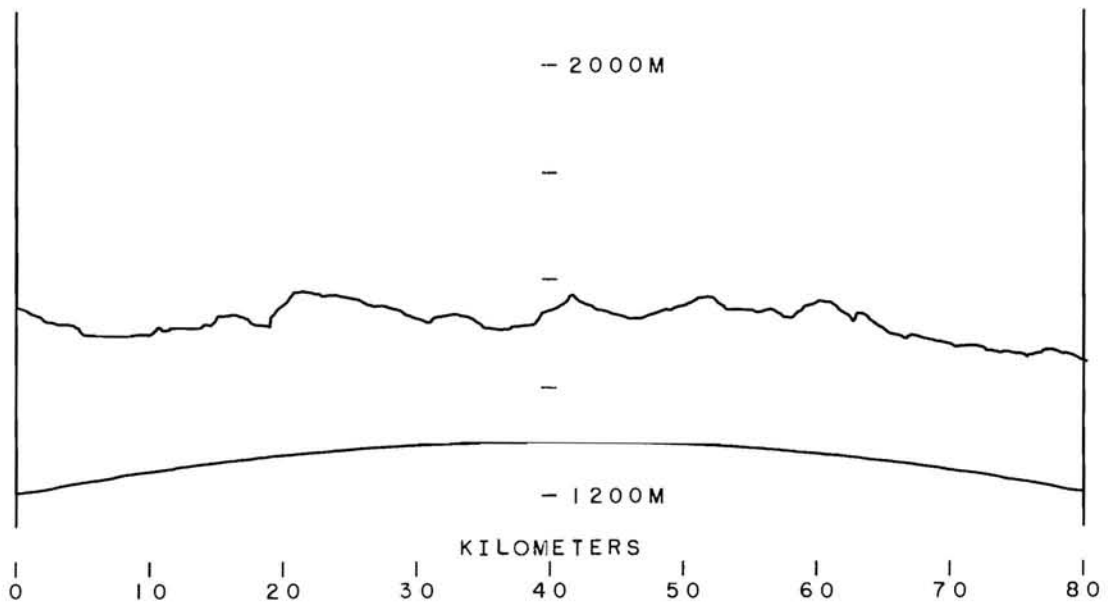
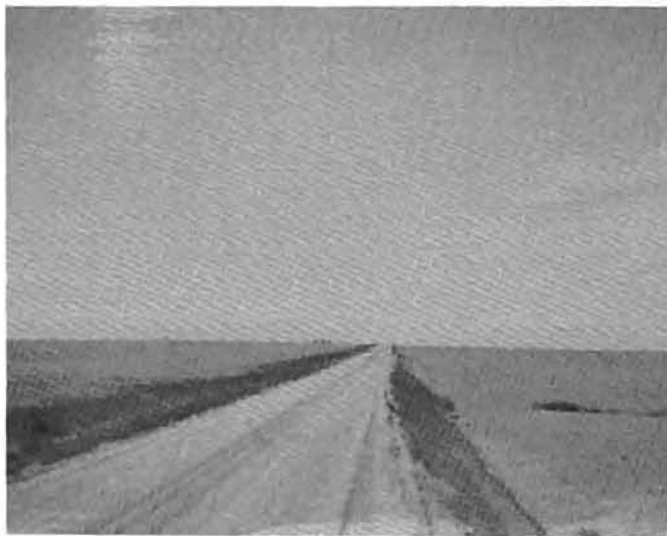
HORIZON 15MI. CLEAR.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-120.1	7.6	0.8	0.9	0.9	162.9	52.3
(PLNS, 80,100,V,V, P,6)	30.1	-116.6	7.6	-0.4	0.9	0.9	158.2	47.6
(PLNS, 80,100,V,V, P,9)	30.1	-113.5	7.6	-1.2	0.9	0.9	154.3	43.7
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-126.6	9.6	-17.0	0.9	0.9	153.7	43.1
(PLNS, 80,100,H,V, P,6)	30.1	-126.6	9.6	-15.5	0.9	0.9	155.2	44.6
(PLNS, 80,100,H,V, P,9)	30.1	-126.6	9.6	-18.6	0.9	0.9	152.1	41.5
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-139.5	7.6	-21.1	0.9	0.9	160.4	49.8
(PLNS, 80,100,V,H, P,6)	30.1	-129.4	7.6	-15.9	0.9	0.9	155.5	44.9
(PLNS, 80,100,V,H, P,9)	30.1	-124.7	7.6	-16.4	0.9	0.9	150.4	39.8
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-117.4	9.6	-0.1	0.9	0.9	161.4	50.8
(PLNS, 80,100,H,H, P,6)	30.1	-112.9	9.6	1.5	0.9	0.9	158.5	47.9
(PLNS, 80,100,H,H, P,9)	30.1	-110.2	9.6	1.3	0.9	0.9	155.5	44.9
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 72,100,H,H, P,3)	42.2	-108.4		-0.4		0.9	155.4	45.8
(KLIR, 72,100,H,H, P,6)	42.2	-100.1		1.2		0.9	148.7	39.1
(KLIR, 72,100,H,H, P,9)	42.2	-94.9		0.9		0.9	143.2	33.6
(KLIR, 72,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 72,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 72,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 72,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 72,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 72,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 40

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITF 40

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-31-64	24.93	H9,L1	30%	64.5	88.9

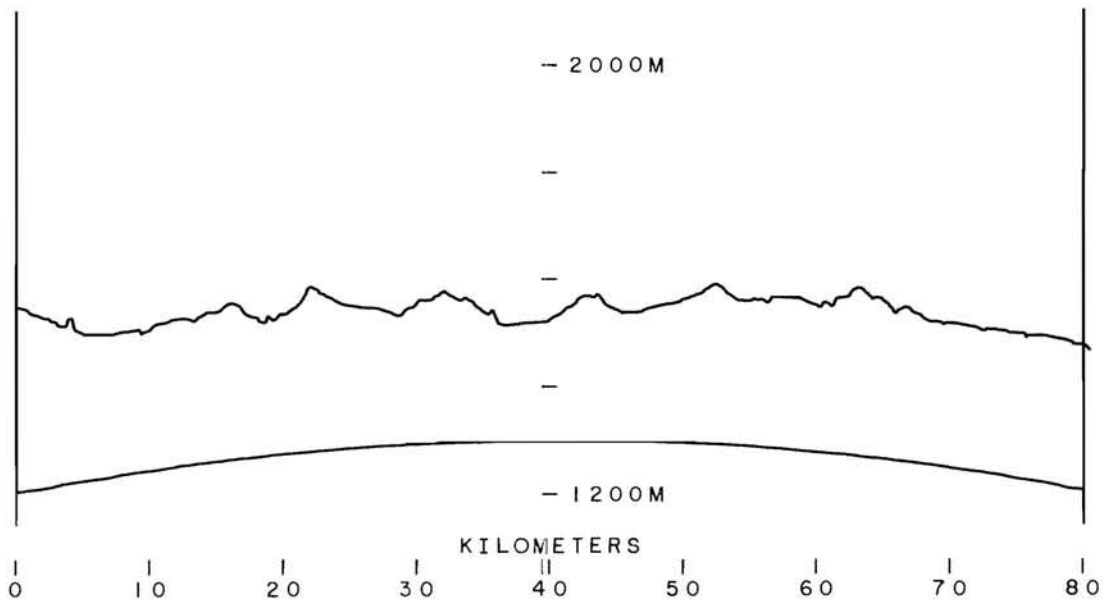
WHEATLAND. HORIZON 3/4MI, SEVERAL LOW TREES ON SOUTH SIDE OF ROAD AT HORIZON.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-135.3	7.6	0.8	0.9	0.9	178.2	67.6
(PLNS, 80,100,V,V, P,6)	30.1	-135.3	7.6	-0.4	0.9	0.9	177.0	66.4
(PLNS, 80,100,V,V, P,9)	30.1	-129.4	7.6	-1.2	0.9	0.9	170.2	59.6
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-143.0	9.6	-17.2	0.9	0.9	169.9	59.3
(PLNS, 80,100,H,V, P,6)	30.1	-138.9	9.6	-16.0	0.9	0.9	167.0	56.4
(PLNS, 80,100,H,V, P,9)	30.1	-140.1	9.6	-19.0	0.9	0.9	165.1	54.5
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-138.7	7.6	-21.5	0.9	0.9	159.3	48.7
(PLNS, 80,100,V,H, P,6)	30.1	-136.2	7.6	-16.0	0.9	0.9	162.2	51.6
(PLNS, 80,100,V,H, P,9)	30.1	-133.2	7.6	-16.4	0.9	0.9	158.8	48.2
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-129.4	9.6	-0.2	0.9	0.9	173.2	62.6
(PLNS, 80,100,H,H, P,6)	30.1	-125.4	9.6	1.4	0.9	0.9	170.9	60.2
(PLNS, 80,100,H,H, P,9)	30.1	-123.9	9.6	1.2	0.9	0.9	169.2	58.6
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 70,100,H,H, P,3)	42.2	-111.9		-0.5		0.9	158.8	49.4
(KLIR, 70,100,H,H, P,6)	42.2	-104.5		1.2		0.9	153.1	43.8
(KLIR, 70,100,H,H, P,9)	42.2	-102.8		1.0		0.9	151.2	41.9
(KLIR, 70,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 70,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 70,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 70,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 70,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 70,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 41

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 41

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE 07-31-64
 BAROMETRIC PRESSURE 24.85
 CLOUD TYPE H9,L1
 COVER PERCENT 25%
 ASSMAN WET 65.3 DRY 90.1

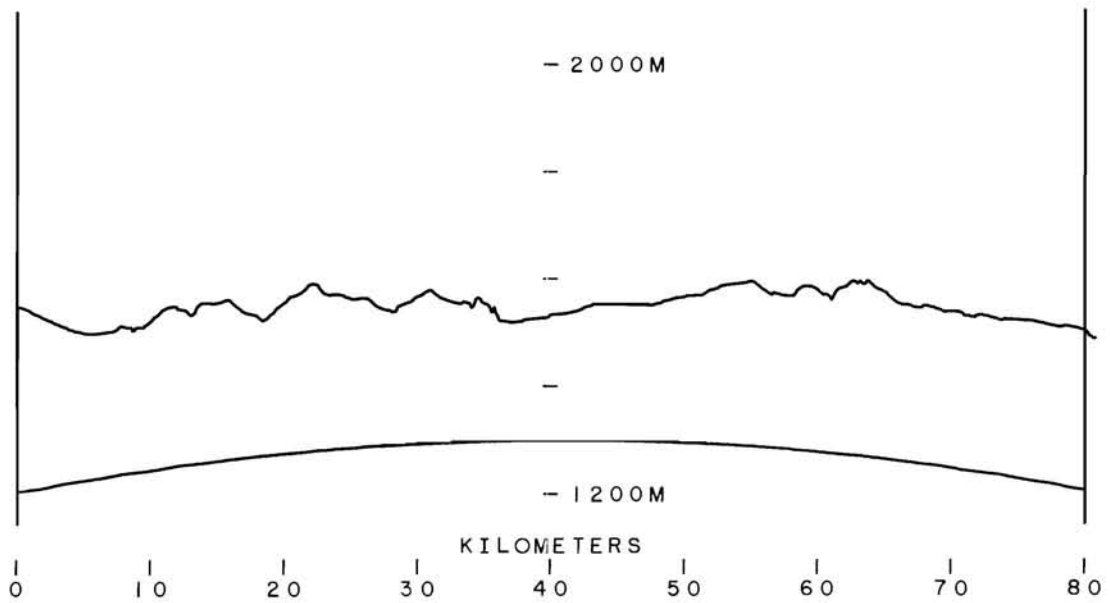
HORIZON 1/2MI, CLEAR. WHEATLAND.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-143.9	7.6	0.8	0.9	0.9	186.8	76.2
(PLNS, 80,100,V,V, P,6)	30.1	-137.9	7.6	0.4	0.9	0.9	180.4	69.8
(PLNS, 80,100,V,V, P,9)	30.1	-129.8	7.6	-1.2	0.9	0.9	170.6	60.0
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-137.4	9.6	-16.4	0.9	0.9	165.1	54.5
(PLNS, 80,100,H,V, P,6)	30.1	-137.4	9.6	-15.0	0.9	0.9	166.5	55.9
(PLNS, 80,100,H,V, P,9)	30.1	-137.4	9.6	-18.0	0.9	0.9	163.5	52.9
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-141.4	7.6	-20.4	0.9	0.9	163.1	52.5
(PLNS, 80,100,V,H, P,6)	30.1	-146.1	7.6	-15.8	0.9	0.9	172.4	61.8
(PLNS, 80,100,V,H, P,9)	30.1	-141.4	7.6	-16.3	0.9	0.9	167.2	56.6
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-132.9	9.6	0.1	0.9	0.9	177.1	66.5
(PLNS, 80,100,H,H, P,6)	30.1	-127.2	9.6	1.6	0.9	0.9	172.8	62.2
(PLNS, 80,100,H,H, P,9)	30.1	-125.0	9.6	1.3	0.9	0.9	170.3	59.7
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 67,100,H,H, P,3)	42.2	-117.0		-0.5		0.9	163.9	55.0
(KLIR, 67,100,H,H, P,6)	42.2	-109.0		1.2		0.9	157.6	48.7
(KLIR, 67,100,H,H, P,9)	42.2	-105.4		1.0		0.9	153.8	44.9
(KLIR, 67,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 67,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 67,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 67,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 67,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 67,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 42

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 42

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
07-31-64	24.78	L1	35%	64.9	96.9

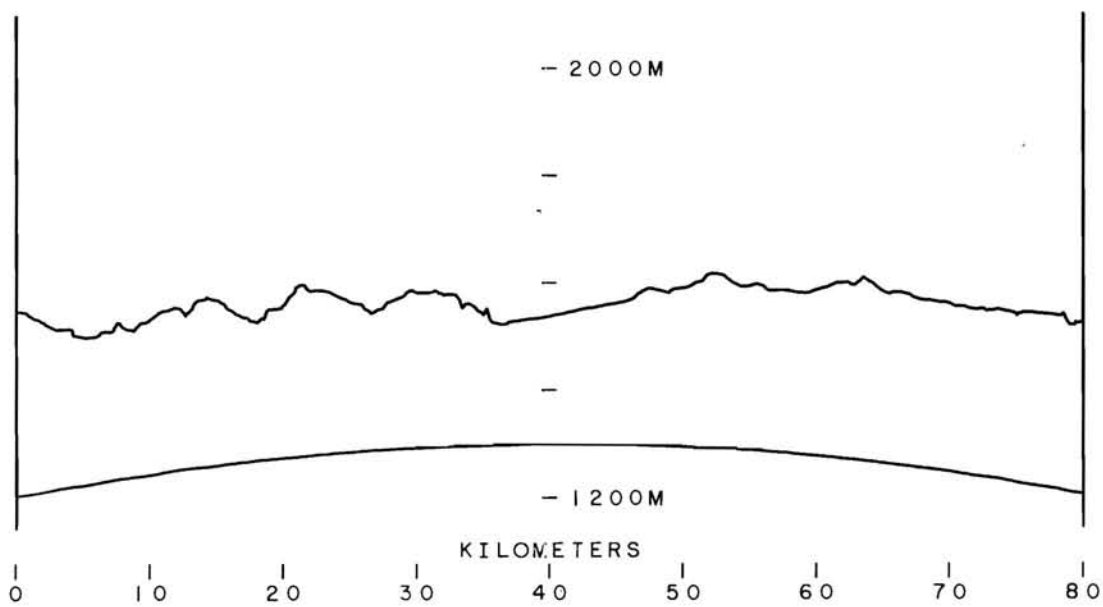
HORIZON ABOUT 1/2MI WITH KIOWA CREEK AND A GROUNDWELL BEYOND.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-138.6	7.6	0.8	0.9	0.9	181.5	70.9
(PLNS, 80,100,V,V, P,6)	30.1	-138.6	7.6	-0.4	0.9	0.9	180.3	69.7
(PLNS, 80,100,V,V, P,9)	30.1	-135.4	7.6	-1.2	0.9	0.9	176.3	65.7
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-136.2	9.6	-16.4	0.9	0.9	163.8	53.2
(PLNS, 80,100,H,V, P,6)	30.1	-137.4	9.6	-14.7	0.9	0.9	166.8	56.2
(PLNS, 80,100,H,V, P,9)	30.1	-137.4	9.6	-18.0	0.9	0.9	163.5	52.9
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-141.4	7.6	-20.0	0.9	0.9	163.5	52.9
(PLNS, 80,100,V,H, P,6)	30.1	-138.7	7.6	-15.8	0.9	0.9	165.0	54.4
(PLNS, 80,100,V,H, P,9)	30.1	-138.7	7.6	-16.3	0.9	0.9	164.5	53.9
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-133.5	9.6	0.2	0.9	0.9	177.7	67.1
(PLNS, 80,100,H,H, P,6)	30.1	-133.5	9.6	1.6	0.9	0.9	179.1	68.5
(PLNS, 80,100,H,H, P,9)	30.1	-128.4	9.6	1.3	0.9	0.9	173.7	63.1
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 66,100,H,H, P,3)	42.2	-111.4		-0.5		0.9	158.3	49.5
(KLIR, 66,100,H,H, P,6)	42.2	-104.3		1.2		0.9	152.9	44.1
(KLIR, 66,100,H,H, P,9)	42.2	-101.7		1.0		0.9	150.1	41.3
(KLIR, 66,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 66,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 66,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 66,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 66,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 66,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 43

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 43

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-31-64	24.63	L1	40%	63.9	95.0

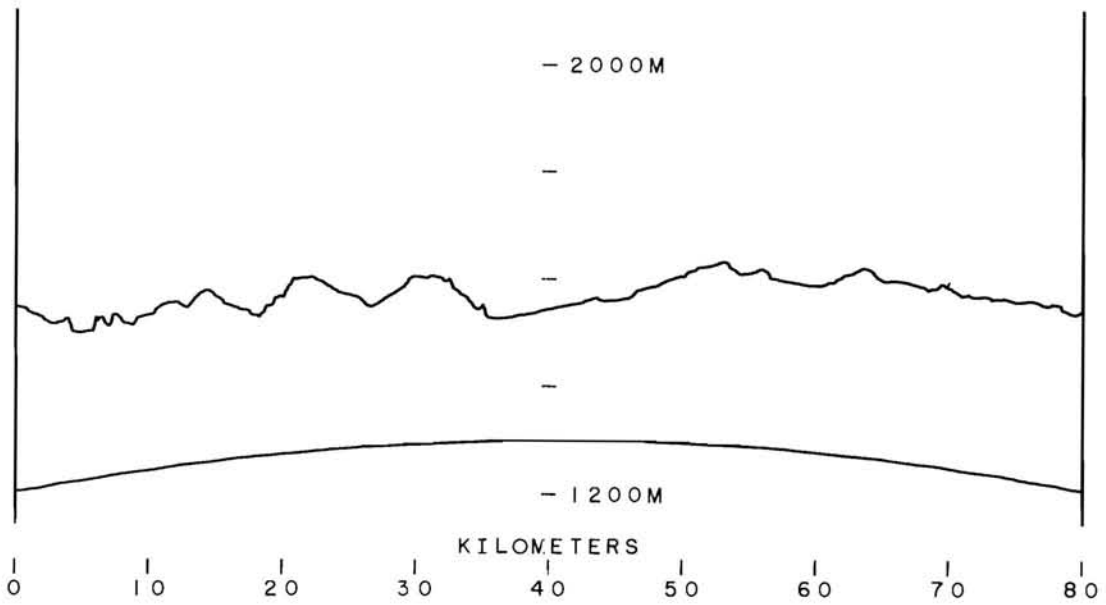
HORIZON 3/4MI, ROLLING WHEATLAND, TROUGH WITH TREES BELOW HORIZON 1/2MI
 2-WIRE PHONE LINE WEST OF ROAD, 12FT HIGH. 2-WIRE POWER LINE EAST OF
 ROAD, 20FT HIGH, NOT IN PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-127.8	7.6	2.3	0.9	0.9	172.1	61.5
(PLNS, 80,100,V,V, P,6)	30.1	-123.9	7.6	-0.3	0.9	0.9	165.7	55.1
(PLNS, 80,100,V,V, P,9)	30.1	-120.1	7.6	-0.9	0.9	0.9	161.2	50.6
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-136.2	9.6	-22.3	0.9	0.9	157.9	47.3
(PLNS, 80,100,H,V, P,6)	30.1	-132.4	9.6	-18.3	0.9	0.9	158.1	47.5
(PLNS, 80,100,H,V, P,9)	30.1	-132.4	9.6	-22.3	0.9	0.9	154.1	43.5
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-137.0	7.6	-23.9	0.9	0.9	155.1	44.5
(PLNS, 80,100,V,H, P,6)	30.1	-134.1	7.6	-19.8	0.9	0.9	156.3	45.7
(PLNS, 80,100,V,H, P,9)	30.1	-131.9	7.6	-19.2	0.9	0.9	154.7	44.1
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-129.0	9.6	0.4	0.9	0.9	173.5	62.9
(PLNS, 80,100,H,H, P,6)	30.1	-121.9	9.6	1.1	0.9	0.9	167.0	56.4
(PLNS, 80,100,H,H, P,9)	30.1	-119.7	9.6	0.7	0.9	0.9	164.5	53.9
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 64,100,H,H, P,3)	42.2	-106.9		-1.4		0.9	152.9	44.4
(KLIR, 64,100,H,H, P,6)	42.2	-97.0		1.3		0.9	145.7	37.2
(KLIR, 64,100,H,H, P,9)	42.2	-94.1		1.0		0.9	142.5	33.9
(KLIR, 64,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 64,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 64,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 64,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 64,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 64,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 44

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 44

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
07-31-64	24.55	L1	70%	64.3	89.9

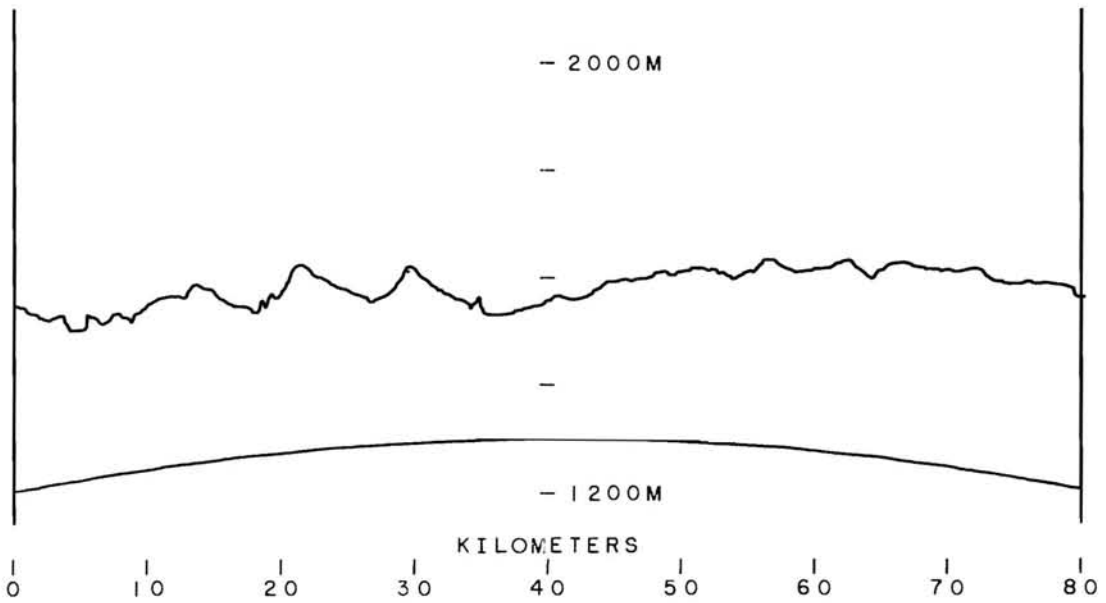
SITE IS JUST OUTSIDE ENTRANCE TO ECHO VALLEY RANCH. POWER LINE ON THE SOUTH SIDE OF ROAD, ALSO CROSSING PATH 100FT TO WEST. 2-WIRE PHONE LINE ON NORTH. TREES IN VALLEY BELOW HORIZON WHICH IS 1 1/2MI.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-129.8	7.6	-1.1	0.9	0.9	170.7	60.1
(PLNS, 80,100,V,V, P,6)	30.1	-125.0	7.6	-1.5	0.9	0.9	165.5	54.9
(PLNS, 80,100,V,V, P,9)	30.1	-121.4	7.6	-2.0	0.9	0.9	161.5	50.9
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-138.4	9.6	-15.5	0.9	0.9	167.0	56.3
(PLNS, 80,100,H,V, P,6)	30.1	-138.4	9.6	-13.5	0.9	0.9	169.0	58.3
(PLNS, 80,100,H,V, P,9)	30.1	-140.2	9.6	-15.5	0.9	0.9	168.8	58.2
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-141.3	7.6	-21.3	0.9	0.9	162.0	51.4
(PLNS, 80,100,V,H, P,6)	30.1	-136.2	7.6	-17.7	0.9	0.9	160.5	49.9
(PLNS, 80,100,V,H, P,9)	30.1	-132.9	7.6	-16.0	0.9	0.9	159.0	48.4
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-128.4	9.6	-1.3	0.9	0.9	171.1	60.5
(PLNS, 80,100,H,H, P,6)	30.1	-121.4	9.6	1.6	0.9	0.9	167.1	56.5
(PLNS, 80,100,H,H, P,9)	30.1	-120.1	9.6	1.1	0.9	0.9	165.2	54.6
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 61,100,H,H, P,3)	42.2	-99.5		-0.3		0.9	146.6	38.5
(KLIR, 61,100,H,H, P,6)	42.2	-94.1		1.4		0.9	142.9	34.8
(KLIR, 61,100,H,H, P,9)	42.2	-91.9		0.8		0.9	140.1	32.0
(KLIR, 61,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 61,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 45

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 45

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
08-04-64	PRESSURE	TYPE	PERCENT	WET	DRY
	24.32	L1	10%	63.2	75.6

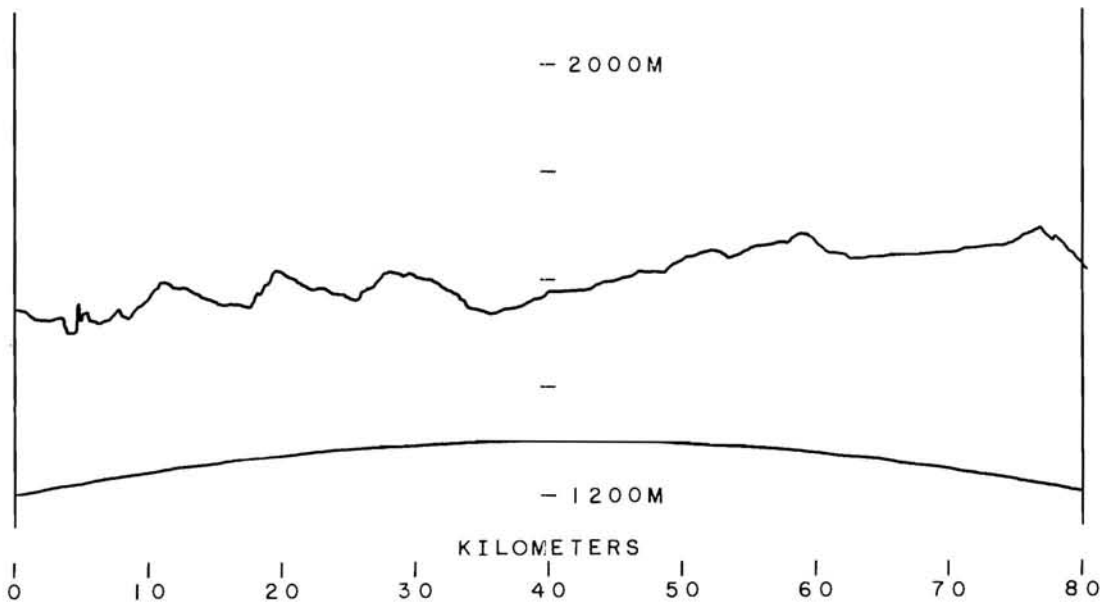
SITE 300YDS EAST OF KIOWA CREEK, TREES 40FT HIGH IN CREEK BED. POWER LINE SOUTH OF ROAD 30FT HIGH. 2-WIRE PHONE LINE ON NORTH SIDE OF ROAD 15FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-135.1	7.6	-0.5	0.9	0.9	176.6	66.0
(PLNS, 80,100,V,V, P,6)	30.1	-135.4	7.6	-1.2	0.9	0.9	176.3	65.7
(PLNS, 80,100,V,V, P,9)	30.1	-130.2	7.6	-1.7	0.9	0.9	170.5	59.9
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-139.5	9.6	-22.5	0.9	0.9	161.0	50.4
(PLNS, 80,100,H,V, P,6)	30.1	-136.2	9.6	-15.5	0.9	0.9	164.7	54.1
(PLNS, 80,100,H,V, P,9)	30.1	-137.4	9.6	-19.8	0.9	0.9	161.7	51.1
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-139.5	7.6	-15.7	0.9	0.9	165.8	55.2
(PLNS, 80,100,V,H, P,6)	30.1	-141.3	7.6	-15.5	0.9	0.9	167.8	57.2
(PLNS, 80,100,V,H, P,9)	30.1	-142.2	7.6	-15.8	0.9	0.9	168.4	57.8
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-135.4	9.6	1.3	0.9	0.9	180.8	70.2
(PLNS, 80,100,H,H, P,6)	30.1	-132.8	9.6	1.3	0.9	0.9	178.2	67.5
(PLNS, 80,100,H,H, P,9)	30.1	-136.2	9.6	1.0	0.9	0.9	181.2	70.6
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 57,100,H,H, P,3)	42.2	-101.2		1.4		0.9	150.0	42.4
(KLIR, 57,100,H,H, P,6)	42.2	-98.9		1.6		0.9	147.9	40.4
(KLIR, 57,100,H,H, P,9)	*	*		*		*	*	*
(KLIP, 57,100,H,H,AV,3)	*	*		*		*	*	*
(KLIP, 57,100,H,H,AV,6)	*	*		*		*	*	*
(KLIP, 57,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 57,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 57,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 57,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 46

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 46

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-04-64	24.72	LI	10%	62.0	83.0

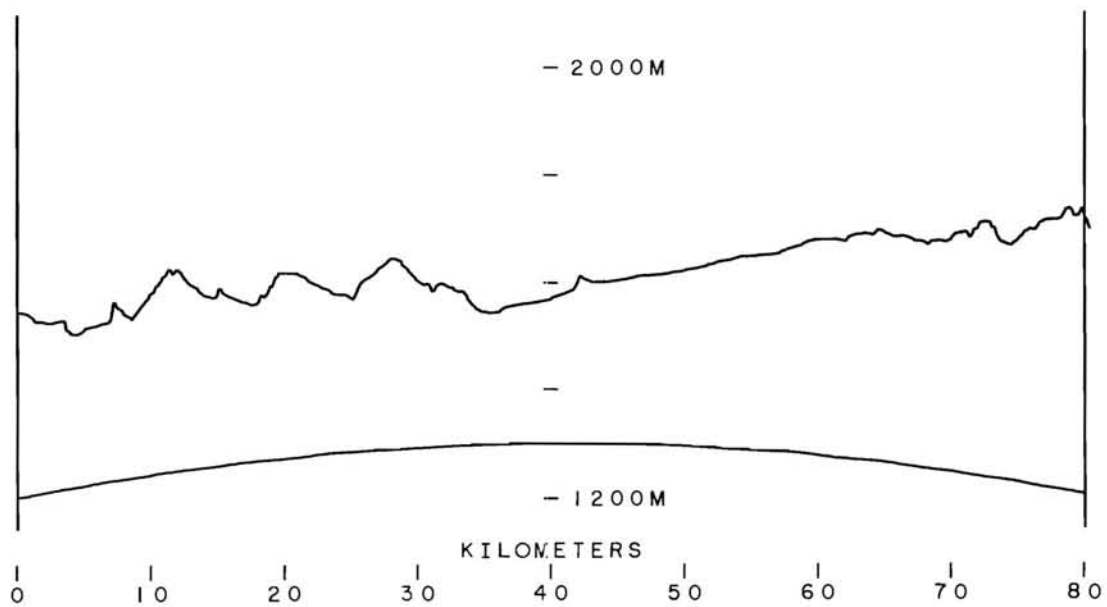
POWER LINE CROSSES HORIZON WHICH IS 1/2MI.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-137.9	7.6	-0.4	0.9	0.9	179.6	69.0
(PLNS, 80,100,V,V, P,6)	30.1	-136.2	7.6	-1.2	0.9	0.9	177.0	66.4
(PLNS, 80,100,V,V, P,9)	30.1	-131.7	7.6	-1.7	0.9	0.9	172.0	61.4
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-147.5	9.6	-21.5	0.9	0.9	170.0	59.4
(PLNS, 80,100,H,V, P,6)	30.1	-135.8	9.6	-15.7	0.9	0.9	164.1	53.5
(PLNS, 80,100,H,V, P,9)	30.1	-140.6	9.6	-20.2	0.9	0.9	164.5	53.8
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-145.6	7.6	-15.8	0.9	0.9	171.9	61.3
(PLNS, 80,100,V,H, P,6)	30.1	-145.6	7.6	-15.5	0.9	0.9	172.2	61.6
(PLNS, 80,100,V,H, P,9)	30.1	-145.6	7.6	-15.8	0.9	0.9	171.9	61.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-149.4	9.6	1.3	0.9	0.9	194.7	84.1
(PLNS, 80,100,H,H, P,6)	30.1	-139.5	9.6	1.3	0.9	0.9	184.8	74.2
(PLNS, 80,100,H,H, P,9)	30.1	-136.6	9.6	1.0	0.9	0.9	181.6	71.0
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 53,100,H,H, P,3)	42.2	-108.4		1.4		0.9	157.2	50.3
(KLIR, 53,100,H,H, P,6)	42.2	-101.4		1.6		0.9	150.4	43.6
(KLIR, 53,100,H,H, P,9)	42.2	-100.7		1.3		0.9	149.4	42.6
(KLIR, 53,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 53,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 53,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 53,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 53,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 53,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 47

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLOPADO PLAINS R= 80KM SITF 47

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-05-64	23.33	L1	30%	64.2	93.1

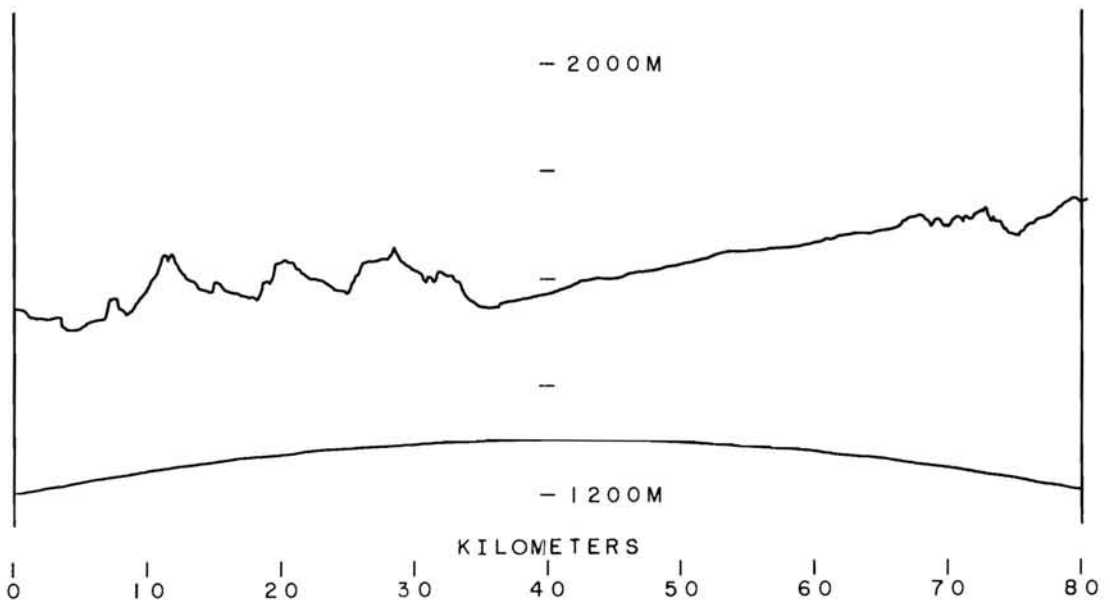
POWER LINE CROSSES PATH 1/4MI, HORIZON ALSO 1/4MI.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-131.7	7.6	0.7	0.9	0.9	174.4	63.8
(PLNS, 80,100,V,V, P,6)	30.1	-128.4	7.6	-0.8	0.9	0.9	169.6	59.0
(PLNS, 80,100,V,V, P,9)	30.1	-125.9	7.6	-1.3	0.9	0.9	166.6	56.0
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-140.1	9.6	-22.0	0.9	0.9	162.1	51.5
(PLNS, 80,100,H,V, P,6)	30.1	-140.1	9.6	-15.0	0.9	0.9	169.1	58.5
(PLNS, 80,100,H,V, P,9)	30.1	-140.1	9.6	-19.0	0.9	0.9	165.1	54.5
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-140.7	7.6	-18.5	0.9	0.9	164.3	53.7
(PLNS, 80,100,V,H, P,6)	30.1	-140.7	7.6	-15.7	0.9	0.9	167.1	56.5
(PLNS, 80,100,V,H, P,9)	30.1	-136.2	7.6	-16.0	0.9	0.9	162.2	51.6
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-131.4	9.6	1.1	0.9	0.9	176.6	66.0
(PLNS, 80,100,H,H, P,6)	30.1	-129.8	9.6	1.6	0.9	0.9	175.4	64.8
(PLNS, 80,100,H,H, P,9)	30.1	-127.5	9.6	1.4	0.9	0.9	172.9	62.3
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 50,100,H,H, P,3)	42.2	-105.9		-0.1		0.9	153.2	46.7
(KLIR, 50,100,H,H, P,6)	42.2	-100.0		1.5		0.9	148.9	42.5
(KLIR, 50,100,H,H, P,9)	42.2	-95.8		1.3		0.9	144.5	38.1
(KLIR, 50,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 50,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 50,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 50,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 50,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 50,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 48

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 48

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-05-64	24.23	L1	40%	62.2	90.3

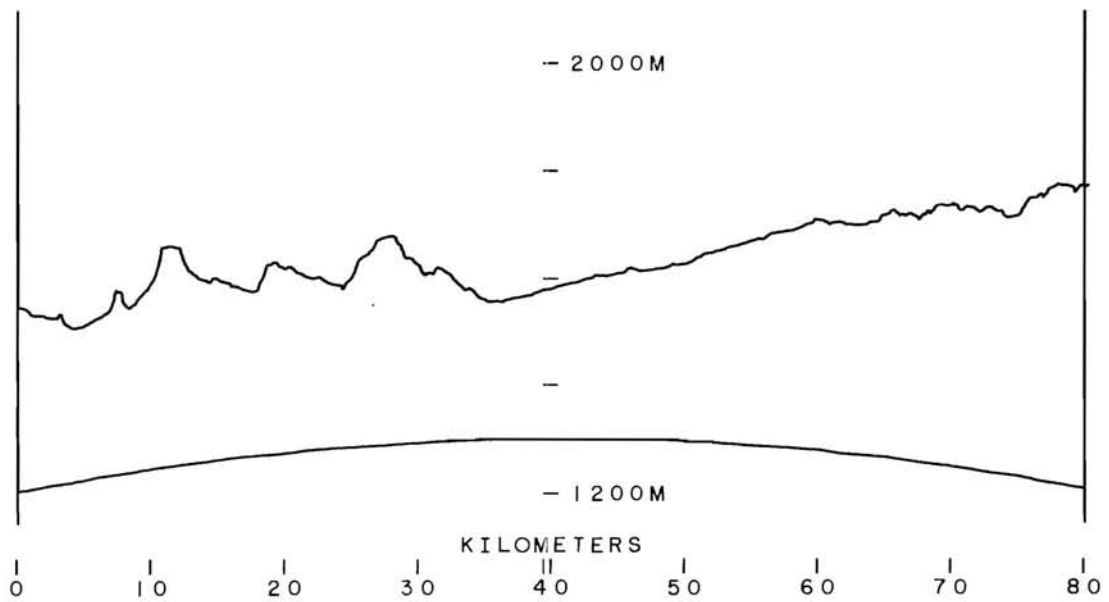
2-WIRE PHONE LINE ABOUT 12FT HIGH, 60FT WEST.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-123.9	7.6	-0.3	0.9	0.9	165.7	55.1
(PLNS, 80,100,V,V, P,6)	30.1	-119.2	7.6	-1.5	0.9	0.9	159.7	49.1
(PLNS, 80,100,V,V, P,9)	30.1	-115.6	7.6	-1.5	0.9	0.9	156.1	45.5
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-133.5	9.6	-11.6	0.9	0.9	165.9	55.3
(PLNS, 80,100,H,V, P,6)	30.1	-133.5	9.6	-9.8	0.9	0.9	167.7	57.1
(PLNS, 80,100,H,V, P,9)	30.1	-131.4	9.6	-13.2	0.9	0.9	162.3	51.7
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-134.2	7.6	-16.7	0.9	0.9	159.6	48.9
(PLNS, 80,100,V,H, P,6)	30.1	-134.2	7.6	-18.0	0.9	0.9	158.3	47.6
(PLNS, 80,100,V,H, P,9)	30.1	-128.1	7.6	-17.2	0.9	0.9	152.9	42.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-123.9	9.6	1.2	0.9	0.9	169.2	58.6
(PLNS, 80,100,H,H, P,6)	30.1	-117.9	9.6	1.7	0.9	0.9	163.7	53.1
(PLNS, 80,100,H,H, P,9)	30.1	-115.3	9.6	1.2	0.9	0.9	160.5	49.9
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 49,100,H,H, P,3)	42.2	-86.1		1.0		0.9	134.5	28.3
(KLIR, 49,100,H,H, P,6)	42.2	-80.3		1.4		0.9	129.1	23.0
(KLIR, 49,100,H,H, P,9)	42.2	-77.1		1.1		0.9	125.6	19.4
(KLIR, 49,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 49,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 49,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 49,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 49,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 49,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 50

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 50

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-05-64	24.17	L1	10%	59.8	79.0

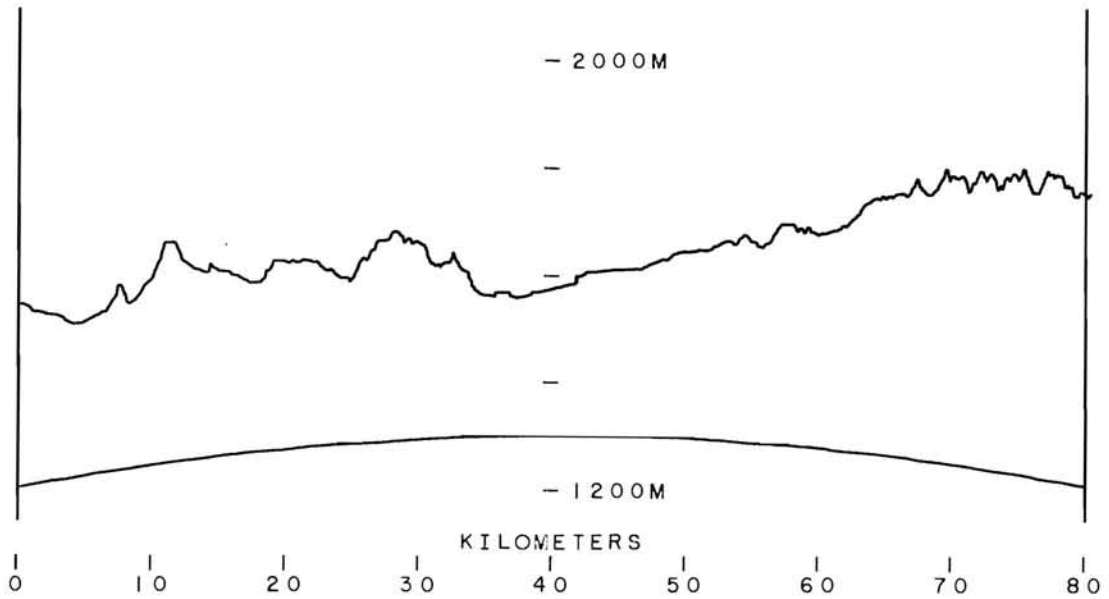
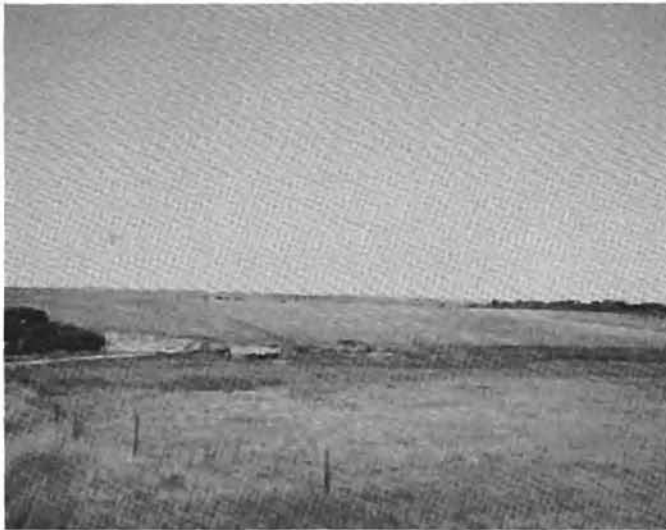
HORIZON IMI, ROLLING CATTLE COUNTRY.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-132.7	7.6	0.6	0.9	0.9	175.3	64.7
(PLNS, 80,100,V,V, P,6)	30.1	-116.6	7.6	-1.0	0.9	0.9	157.6	47.0
(PLNS, 80,100,V,V, P,9)	30.1	-118.4	7.6	-1.4	0.9	0.9	159.1	48.4
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-136.6	9.6	-24.5	0.9	0.9	156.1	45.5
(PLNS, 80,100,H,V, P,6)	30.1	-135.4	9.6	-17.3	0.9	0.9	162.2	51.6
(PLNS, 80,100,H,V, P,9)	30.1	-131.9	9.6	-20.5	0.9	0.9	155.4	44.8
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-122.7	7.6	-18.5	0.9	0.9	146.2	35.6
(PLNS, 80,100,V,H, P,6)	30.1	-116.2	7.6	-15.7	0.9	0.9	142.5	31.9
(PLNS, 80,100,V,H, P,9)	30.1	-130.6	7.6	-16.0	0.9	0.9	156.6	46.0
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-124.5	9.6	1.3	0.9	0.9	169.9	59.3
(PLNS, 80,100,H,H, P,6)	30.1	-115.4	9.6	1.6	0.9	0.9	161.1	50.5
(PLNS, 80,100,H,H, P,9)	30.1	-121.8	9.6	1.3	0.9	0.9	167.1	56.5
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 45,100,H,H, P,3)	42.2	-83.9		0.3		0.9	131.6	26.2
(KLIR, 45,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 45,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 45,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 45,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 45,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 45,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 45,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 45,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 51

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 51

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-05-64	24.23	L1	10%	61.1	90.3

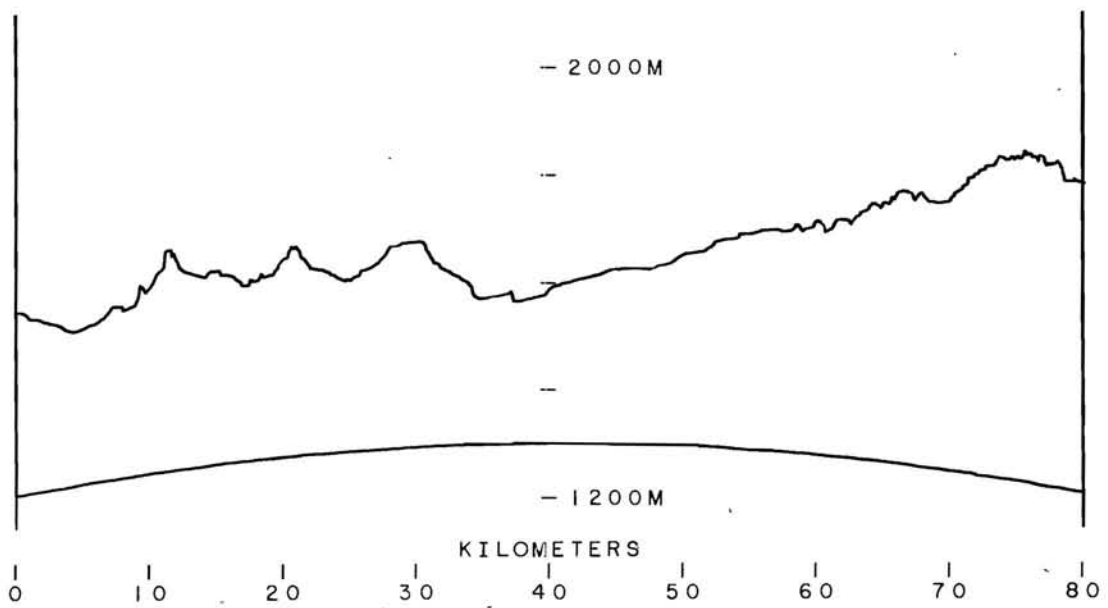
SITE IN ROLLING CATTLE COUNTRY. 20 TO 30FT TREES ABOUT 3/4MI. HORIZON ABOUT 1MI.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-128.4	7.6	0.6	0.9	0.9	171.0	60.4
(PLNS, 80,100,V,V, P,6)	30.1	-125.0	7.6	-1.1	0.9	0.9	165.9	55.3
(PLNS, 80,100,V,V, P,9)	30.1	-123.0	7.6	-1.5	0.9	0.9	163.6	53.0
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-142.2	9.6	-24.3	0.9	0.9	161.9	51.3
(PLNS, 80,100,H,V, P,6)	30.1	-142.2	9.6	-18.0	0.9	0.9	168.2	57.6
(PLNS, 80,100,H,V, P,9)	30.1	-142.2	9.6	-20.9	0.9	0.9	165.3	54.7
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-138.9	7.6	-18.5	0.9	0.9	162.5	51.9
(PLNS, 80,100,V,H, P,6)	30.1	-138.9	7.6	-15.6	0.9	0.9	165.4	54.8
(PLNS, 80,100,V,H, P,9)	30.1	-135.1	7.6	-16.0	0.9	0.9	161.1	50.5
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-129.0	9.6	1.4	0.9	0.9	174.5	63.9
(PLNS, 80,100,H,H, P,6)	30.1	-126.6	9.6	1.6	0.9	0.9	172.3	61.7
(PLNS, 80,100,H,H, P,9)	30.1	-126.6	9.6	1.3	0.9	0.9	172.0	61.4
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 43,100,H,H, P,3)	42.2	-91.9		0.6		0.9	139.9	34.8
(KLIR, 43,100,H,H, P,6)	42.2	-89.0		1.6		0.9	138.0	32.9
(KLIR, 43,100,H,H, P,9)	42.2	-89.0		1.4		0.9	137.8	32.7
(KLIR, 43,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 43,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 43,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 43,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 43,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 43,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS R= 80KM SITE 52

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 52

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN
DATE	PRESSURE	TYPE	PERCENT	WET DRY
08-05-64	24.33	L1	10%	60.2 85.3

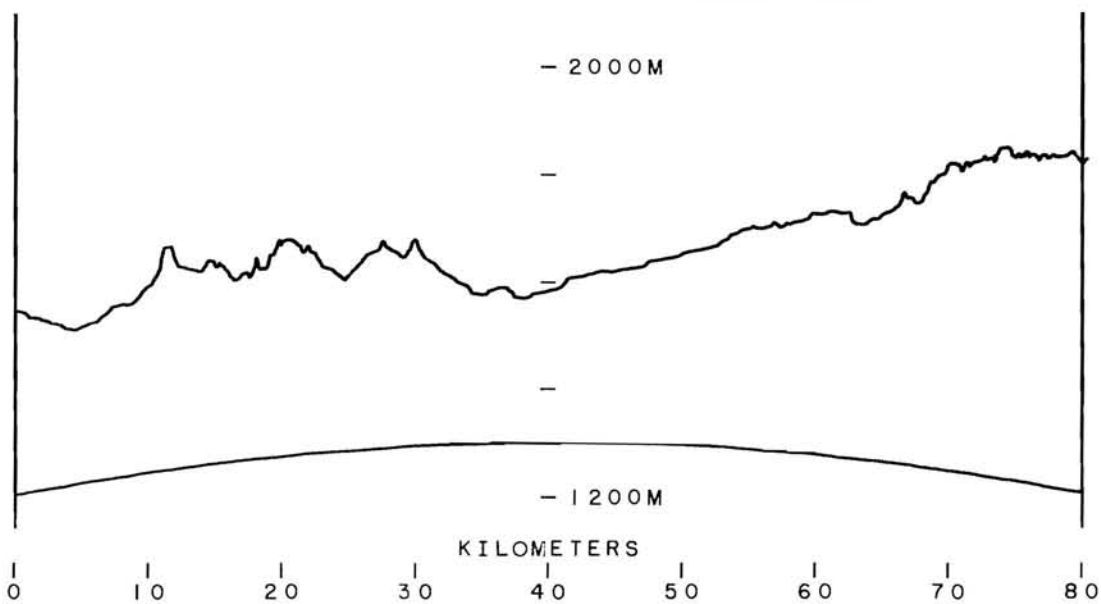
RANCHLAND ON HILL TOWARD TRANSMITTER, 1/2MI FROM CREST.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-140.5	7.6	-0.3	0.9	0.9	182.2	71.6
(PLNS, 80,100,V,V, P,6)	30.1	-137.9	7.6	-1.2	0.9	0.9	178.8	68.2
(PLNS, 80,100,V,V, P,9)	30.1	-135.8	7.6	-1.7	0.9	0.9	176.1	65.5
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-142.2	9.6	-21.0	0.9	0.9	165.2	54.6
(PLNS, 80,100,H,V, P,6)	30.1	-138.9	9.6	-15.8	0.9	0.9	167.2	56.6
(PLNS, 80,100,H,V, P,9)	30.1	-138.9	9.6	-20.3	0.9	0.9	162.7	52.1
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-149.0	7.6	-15.9	0.9	0.9	175.2	64.6
(PLNS, 80,100,V,H, P,6)	30.1	-149.0	7.6	-15.5	0.9	0.9	175.6	65.0
(PLNS, 80,100,V,H, P,9)	30.1	-142.2	7.6	-15.9	0.9	0.9	168.3	57.7
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-139.5	9.6	1.4	0.9	0.9	184.9	74.3
(PLNS, 80,100,H,H, P,6)	30.1	-139.5	9.6	1.3	0.9	0.9	184.8	74.2
(PLNS, 80,100,H,H, P,9)	30.1	-136.2	9.6	1.1	0.9	0.9	181.3	70.7
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 42,100,H,H, P,3)	42.2	-111.0		1.3		0.9	159.7	54.8
(KLIR, 42,100,H,H, P,6)	42.2	-104.5		1.3		0.9	153.2	48.3
(KLIR, 42,100,H,H, P,9)	42.2	-100.1		1.0		0.9	148.5	43.6
(KLIR, 42,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 42,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 42,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 42,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 42,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 42,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 53

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-06-64	24.04	L1	10%	59.8	75.9

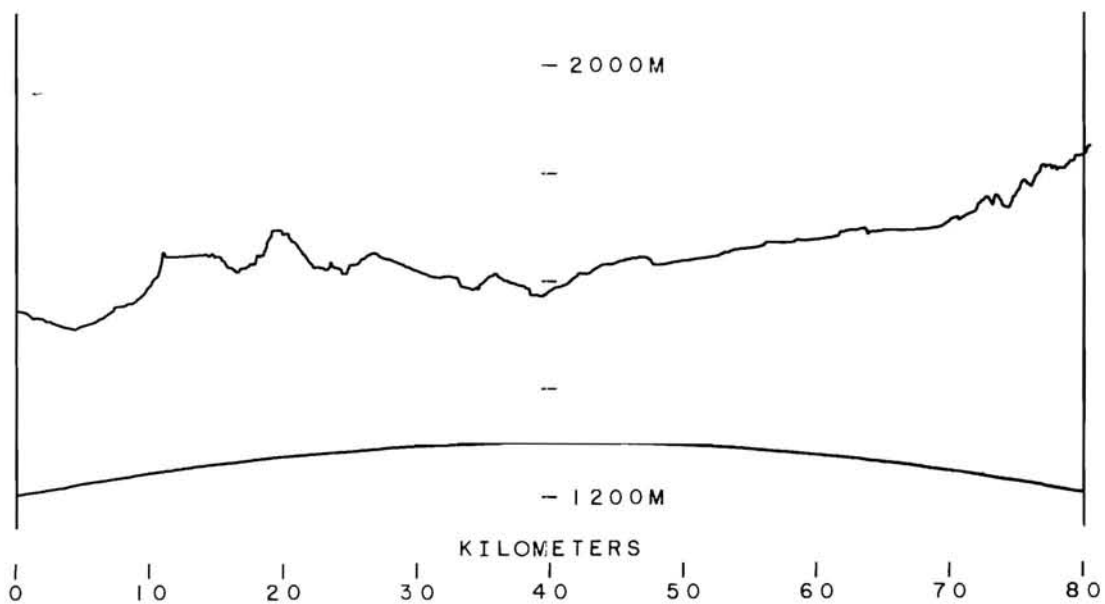
HORIZON 1 1/2MI. FEW SCATTERED TREES BELOW HORIZON. 2-WIRE POWER LINE WITH 2 PHONE WIRES 20FT WEST OF TRUCK.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-118.4	7.6	-3.8	0.9	0.9	156.7	46.0
(PLNS, 80,100,V,V, P,6)	30.1	-116.2	7.6	-2.4	0.9	0.9	155.8	45.2
(PLNS, 80,100,V,V, P,9)	30.1	-114.2	7.6	-2.2	0.9	0.9	154.1	43.4
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	**	9.6	-14.5	0.9	0.9	**	**
(PLNS, 80,100,H,V, P,6)	30.1	**	9.6	-16.9	0.9	0.9	**	**
(PLNS, 80,100,H,V, P,9)	30.1	-130.6	9.6	-23.0	0.9	0.9	151.6	41.0
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	**	7.6	-17.6	0.9	0.9	**	**
(PLNS, 80,100,V,H, P,6)	30.1	**	7.6	-18.3	0.9	0.9	**	**
(PLNS, 80,100,V,H, P,9)	30.1	**	7.6	-16.9	0.9	0.9	**	**
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-118.4	9.6	0.3	0.9	0.9	162.8	52.1
(PLNS, 80,100,H,H, P,6)	30.1	-115.4	9.6	1.1	0.9	0.9	160.6	50.0
(PLNS, 80,100,H,H, P,9)	30.1	-113.5	9.6	0.8	0.9	0.9	158.3	47.7
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 41,100,H,H, P,3)	42.2	-71.9		1.1		0.9	120.4	15.8
(KLIR, 41,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 41,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 41,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 41,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 41,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 41,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 41,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 41,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED
 ** SIGNAL TOO LOW TO BE MEASURED

COLORADO PLAINS B= 80KM SITE 54

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 54

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-06-64	24.08	L1	15%	61.8	82.6

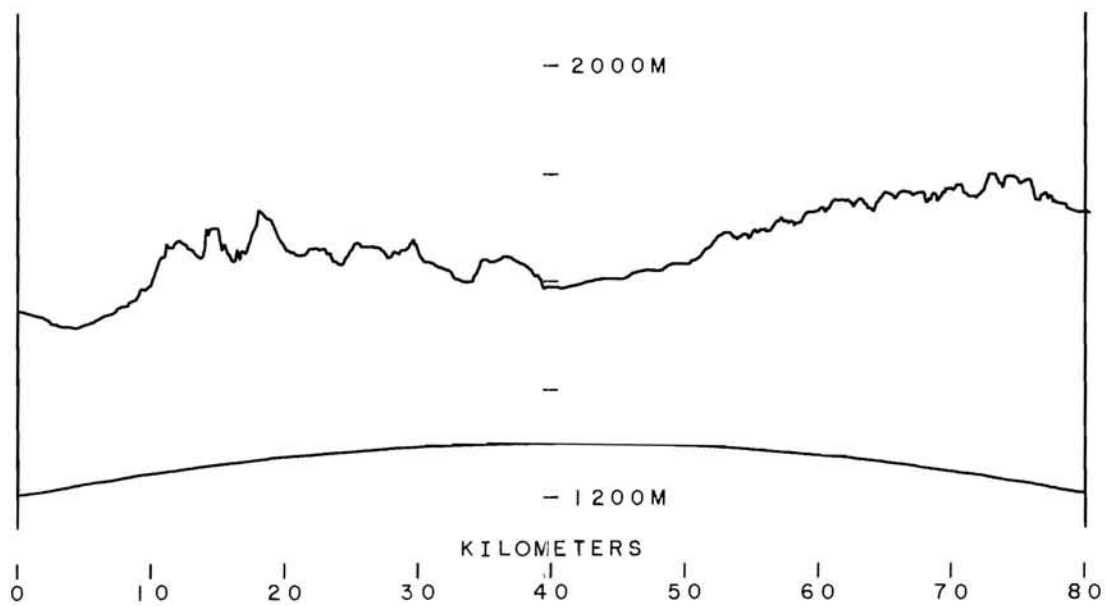
MOUNTAIN HORIZON, HAZE IN LOWLAND BEFORE IT. GENTLY ROLLING COUNTRY.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-107.5	7.6	-1.0	0.9	0.9	148.5	37.9
(PLNS, 80,100,V,V, P,6)	30.1	-103.0	7.6	-1.5	0.9	0.9	143.6	33.0
(PLNS, 80,100,V,V, P,9)	30.1	-100.3	7.6	-2.0	0.9	0.9	140.4	29.8
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-119.2	9.6	-15.5	0.9	0.9	147.7	37.1
(PLNS, 80,100,H,V, P,6)	30.1	-119.2	9.6	-13.4	0.9	0.9	149.8	39.2
(PLNS, 80,100,H,V, P,9)	30.1	-119.2	9.6	-15.5	0.9	0.9	147.7	37.1
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-121.6	7.6	-21.3	0.9	0.9	142.3	31.7
(PLNS, 80,100,V,H, P,6)	30.1	-121.6	7.6	-17.9	0.9	0.9	145.7	35.1
(PLNS, 80,100,V,H, P,9)	30.1	-115.8	7.6	-16.0	0.9	0.9	141.8	31.2
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-109.4	9.6	-1.3	0.9	0.9	152.1	41.5
(PLNS, 80,100,H,H, P,6)	30.1	-101.4	9.6	1.6	0.9	0.9	147.1	36.5
(PLNS, 80,100,H,H, P,9)	30.1	-99.0	9.6	1.1	0.9	0.9	144.2	33.6
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 39,100,H,H, P,3)	42.2	-71.4		-0.6		0.9	118.2	13.8
(KLIR, 39,100,H,H, P,6)	42.2	-65.4		1.6		0.9	114.4	10.0
(KLIR, 39,100,H,H, P,9)	42.2	-61.7		1.1		0.9	110.2	5.9
(KLIR, 39,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 39,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 39,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 39,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 39,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 39,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 55

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 55

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-06-64	24.31	L1	15%	62.9	84.9

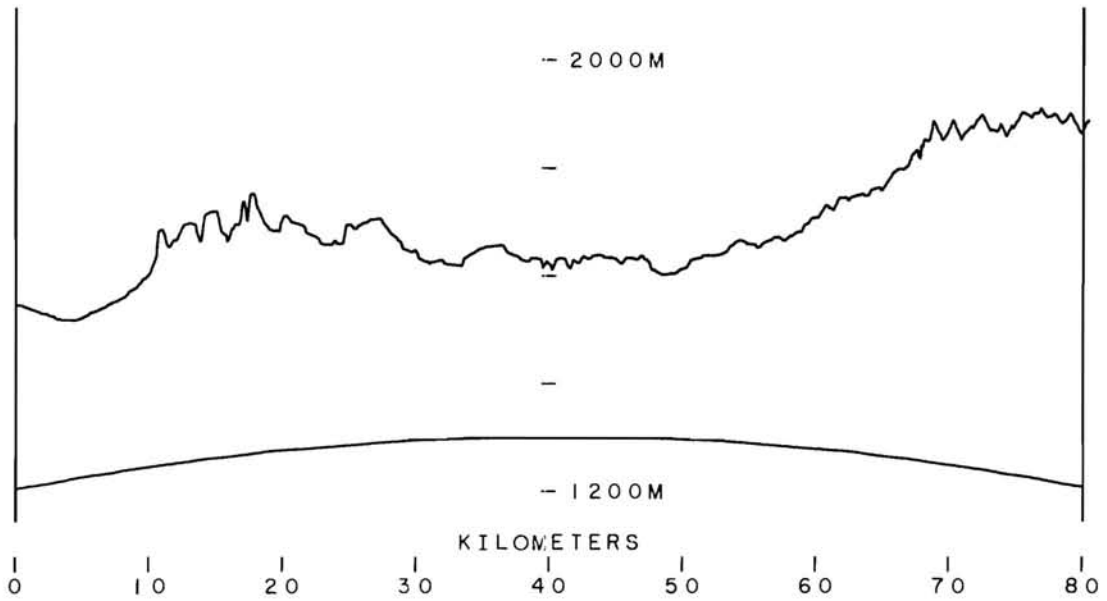
HORIZON 1MI, FARMHOUSE JUST WEST OF TRUCK. POWERLINE 50FT WEST. PHONE LINE 150YDS BACK ON PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-137.0	7.6	-3.7	0.9	0.9	175.3	64.7
(PLNS, 80,100,V,V, P,6)	30.1	-132.4	7.6	-2.2	0.9	0.9	172.2	61.6
(PLNS, 80,100,V,V, P,9)	30.1	-125.0	7.6	-2.2	0.9	0.9	164.8	54.2
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-140.2	9.6	-21.5	0.9	0.9	162.8	52.2
(PLNS, 80,100,H,V, P,6)	30.1	-136.6	9.6	-20.5	0.9	0.9	160.1	49.5
(PLNS, 80,100,H,V, P,9)	30.1	-135.1	9.6	-19.3	0.9	0.9	159.8	49.2
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-137.4	7.6	-18.7	0.9	0.9	160.8	50.2
(PLNS, 80,100,V,H, P,6)	30.1	-135.4	7.6	-15.3	0.9	0.9	162.2	51.6
(PLNS, 80,100,V,H, P,9)	30.1	-133.5	7.6	-15.8	0.9	0.9	159.7	49.1
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-135.8	9.6	-0.3	0.9	0.9	179.5	68.9
(PLNS, 80,100,H,H, P,6)	30.1	-129.4	9.6	1.3	0.9	0.9	174.7	64.1
(PLNS, 80,100,H,H, P,9)	30.1	-126.9	9.6	0.8	0.9	0.9	171.7	61.1
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 38,100,H,H, P,3)	42.2	-96.2		-0.3		0.9	143.3	39.3
(KLIR, 38,100,H,H, P,6)	42.2	-90.2		1.1		0.9	138.7	34.6
(KLIR, 38,100,H,H, P,9)	42.2	-86.8		0.7		0.9	134.9	30.9
(KLIR, 38,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 38,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 38,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 38,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 38,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 38,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 56

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 56

METFOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-06-64	23.90	L1	20%	62.6	84.9

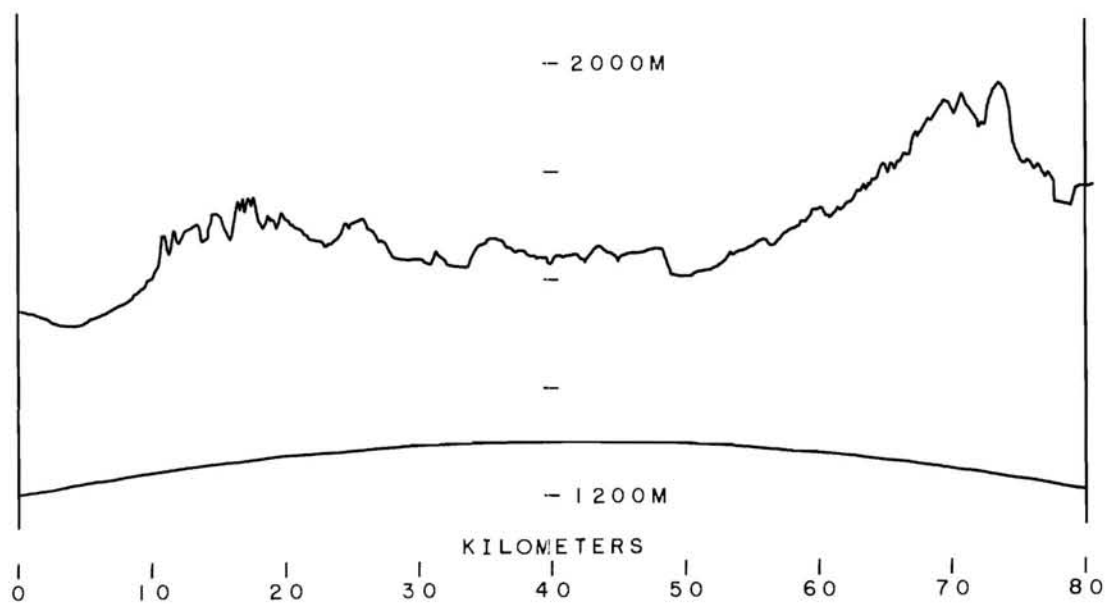
HORIZON 1 1/2MI WITH VALLEY BETWEEN. HIGH VOLTAGE POWER LINE 300YDS EAST OF TRUCK. SOME TREES AND SHRUBBERY.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-129.4	7.6	-4.1	0.9	0.9	167.3	56.7
(PLNS, 80,100,V,V, P,6)	30.1	-123.0	7.6	-2.4	0.9	0.9	162.7	52.1
(PLNS, 80,100,V,V, P,9)	30.1	-120.1	7.6	-2.2	0.9	0.9	159.9	49.3
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-146.6	9.6	-21.5	0.9	0.9	169.2	58.6
(PLNS, 80,100,H,V, P,6)	30.1	-143.2	9.6	-24.5	0.9	0.9	162.7	52.1
(PLNS, 80,100,H,V, P,9)	30.1	-140.3	9.6	-23.9	0.9	0.9	160.5	49.9
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-134.7	7.6	-17.8	0.9	0.9	159.0	48.4
(PLNS, 80,100,V,H, P,6)	30.1	-129.8	7.6	-17.8	0.9	0.9	154.0	43.4
(PLNS, 80,100,V,H, P,9)	30.1	-129.4	7.6	-16.5	0.9	0.9	154.9	44.3
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-129.4	9.6	-0.2	0.9	0.9	173.2	62.6
(PLNS, 80,100,H,H, P,6)	30.1	-121.2	9.6	1.0	0.9	0.9	166.2	55.6
(PLNS, 80,100,H,H, P,9)	30.1	-118.9	9.6	0.6	0.9	0.9	163.6	53.0
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 37,100,H,H, P,3)	42.2	-79.9		-0.2		0.9	127.1	23.2
(KLIR, 37,100,H,H, P,6)	*	*		*		*	*	*
(KLIR, 37,100,H,H, P,9)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 57

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS R= 80KM SITE 57

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-06-64	24.23	L1	90%	61.3	76.2

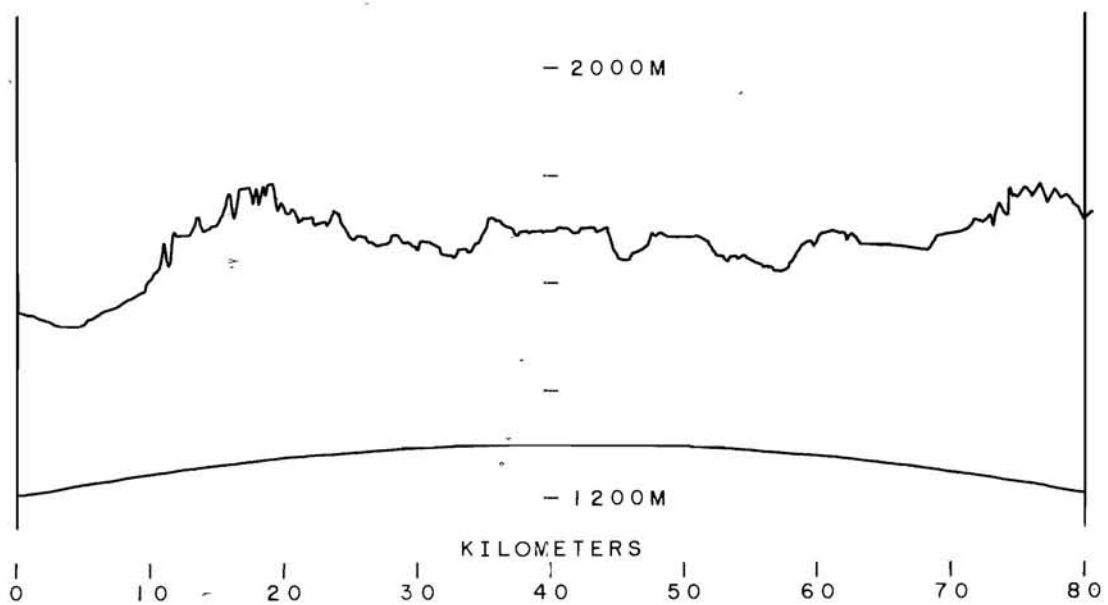
HORIZON 3MT. POWER LINE CROSSES PATH 100YDS. GRADE FROM OVERPASS 12 FT HIGH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(PLNS, 80,100,V,V, P,3)	30.1	-130.2	7.6	-2.7	0.9	0.9	169.5	58.9
(PLNS, 80,100,V,V, P,6)	30.1	-126.6	7.6	-2.0	0.9	0.9	166.7	56.1
(PLNS, 80,100,V,V, P,9)	30.1	-123.7	7.6	-2.2	0.9	0.9	163.6	53.0
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-138.9	9.6	-17.5	0.9	0.9	165.5	54.9
(PLNS, 80,100,H,V, P,6)	30.1	-138.9	9.6	-17.0	0.9	0.9	166.0	55.4
(PLNS, 80,100,H,V, P,9)	30.1	-138.9	9.6	-17.2	0.9	0.9	165.8	55.2
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-138.4	7.6	-20.2	0.9	0.9	160.3	49.6
(PLNS, 80,100,V,H, P,6)	30.1	-137.0	7.6	-15.7	0.9	0.9	163.3	52.7
(PLNS, 80,100,V,H, P,9)	30.1	-134.7	7.6	-15.7	0.9	0.9	161.1	50.5
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-135.4	9.6	-0.5	0.9	0.9	179.0	68.4
(PLNS, 80,100,H,H, P,6)	30.1	-129.0	9.6	1.6	0.9	0.9	174.7	64.1
(PLNS, 80,100,H,H, P,9)	30.1	-125.0	9.6	1.0	0.9	0.9	170.0	59.4
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 37,100,H,H, P,3)	42.2	-91.0		-0.7		0.9	137.7	33.9
(KLIR, 37,100,H,H, P,6)	42.2	-83.8		1.6		0.9	132.8	29.1
(KLIR, 37,100,H,H, P,9)	42.2	-84.5		1.1		0.9	133.0	29.3
(KLIR, 37,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 37,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

COLORADO PLAINS B= 80KM SITE 58

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO PLAINS B= 80KM SITE 58'

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-06-64	24.38	L1	98%	61.2	70.3

25-WIRE PHONE LINE 10 TO 18FT HIGH, 15FT WEST. HORIZON 20MI.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(PLNS, 80,100,V,V, P,3)	30.1	-131.0	7.6	-0.6	0.9	0.9	172.4	61.8
(PLNS, 80,100,V,V, P,6)	30.1	-128.1	7.6	-1.8	0.9	0.9	168.3	57.7
(PLNS, 80,100,V,V, P,9)	30.1	-124.5	7.6	-1.6	0.9	0.9	165.0	54.4
(PLNS, 80,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V, P,3)	30.1	-142.2	9.6	-11.7	0.9	0.9	174.5	63.9
(PLNS, 80,100,H,V, P,6)	30.1	-137.0	9.6	-10.5	0.9	0.9	170.5	59.9
(PLNS, 80,100,H,V, P,9)	30.1	-142.2	9.6	-14.5	0.9	0.9	171.7	61.1
(PLNS, 80,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H, P,3)	30.1	-140.3	7.6	-17.4	0.9	0.9	165.0	54.4
(PLNS, 80,100,V,H, P,6)	30.1	-137.0	7.6	-17.2	0.9	0.9	161.8	51.2
(PLNS, 80,100,V,H, P,9)	30.1	-140.3	7.6	-18.1	0.9	0.9	164.3	53.7
(PLNS, 80,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H, P,3)	30.1	-138.4	9.6	1.2	0.9	0.9	183.7	73.0
(PLNS, 80,100,H,H, P,6)	30.1	-132.7	9.6	1.6	0.9	0.9	178.3	67.7
(PLNS, 80,100,H,H, P,9)	30.1	-124.7	9.6	1.2	0.9	0.9	170.0	59.4
(PLNS, 80,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(PLNS, 80,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 38,100,H,H, P,3)	42.2	-89.4		0.5		0.9	137.3	33.3
(KLIR, 38,100,H,H, P,6)	42.2	-83.5		1.2		0.9	132.1	28.0
(KLIR, 38,100,H,H, P,9)	42.2	-77.0		0.8		0.9	125.2	21.2
(KLIR, 38,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 38,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 38,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 38,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 38,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 38,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

