

U.S. DEPARTMENT OF COMMERCE/Environmental Science Services Administration



Technical Report

INSTITUTES FOR ENVIRONMENTAL RESEARCH IER 38-ITSA 38-2

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

Part II: Colorado Mountain Data

M. E. JOHNSON

M. J. MILES

P. L. McQUATE

A. P. BARSIS

AUGUST 1967

Boulder, Colorado

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George S. Benton, Director

ESSA TECHNICAL REPORT IER38-ITSA 38-2

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INSTITUTE FOR TELECOMMUNICATION SCIENCES AND AERONOMY

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

Part II: Colorado Mountain Data

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 Mountains primarily east of the Continental Divide.

1. Introduction

This is the second part of ESSA Technical Report IER-38/ITSA 38, containing the results of propagation measurements over irregular terrain at frequencies near 20, 50, and 100 MHz. Due to the large amount of data that was collected during the measurement program, the complete report is in three parts, each corresponding to the three terrain types over which the measurements were performed. Part I (Johnson et al., 1967) contains data obtained in the Colorado Plains, Part II contains data obtained in the Colorado Mountains, and Part III will contain data obtained in the Northeast Ohio Hills. The

data for each path are in the form of tables of received carrier levels, basic transmission loss, and attenuation relative to free space for various path distances, frequencies, antenna heights, and combinations of transmitting and receiving antenna polarizations. Terrain profiles, photographs, and meteorological information are also shown for each propagation path.

Since there is no difference in the measurement methods, procedures, and equipment between the data described in Part I, Colorado Plains (Johnson et al., 1967), and those in the present Part II, Colorado Mountains, all pertinent descriptive material in Part I applies here. For convenience of the reader, the explanation of the data presentation method and of the tabulation column headings is repeated. Also, the map showing the locations of all measurement points in Colorado (figure 1 of Part I) is enclosed in this part for easier identification.

Note that measurements at the 80-km range were not attempted in the Colorado Mountains because of insufficient signals.

2. Presentation of Data

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 parentheses)

- T terrain type, MNTS, for Colorado mountains, test transmissions. Data from KLIR-FM are designated by "KLIR" instead of "MNTS", but all data shown in this part of the report are "mountains" 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 Part I (Johnson et al., 1967)).

Column 2, transmitter power

W(T) . . . transmitter output 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 at receiver input assuming 50 ohms input impedance. The values shown here have not been corrected for signal generator calibration bias which is taken into account when converting to basic transmission loss (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 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 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 columns 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} :

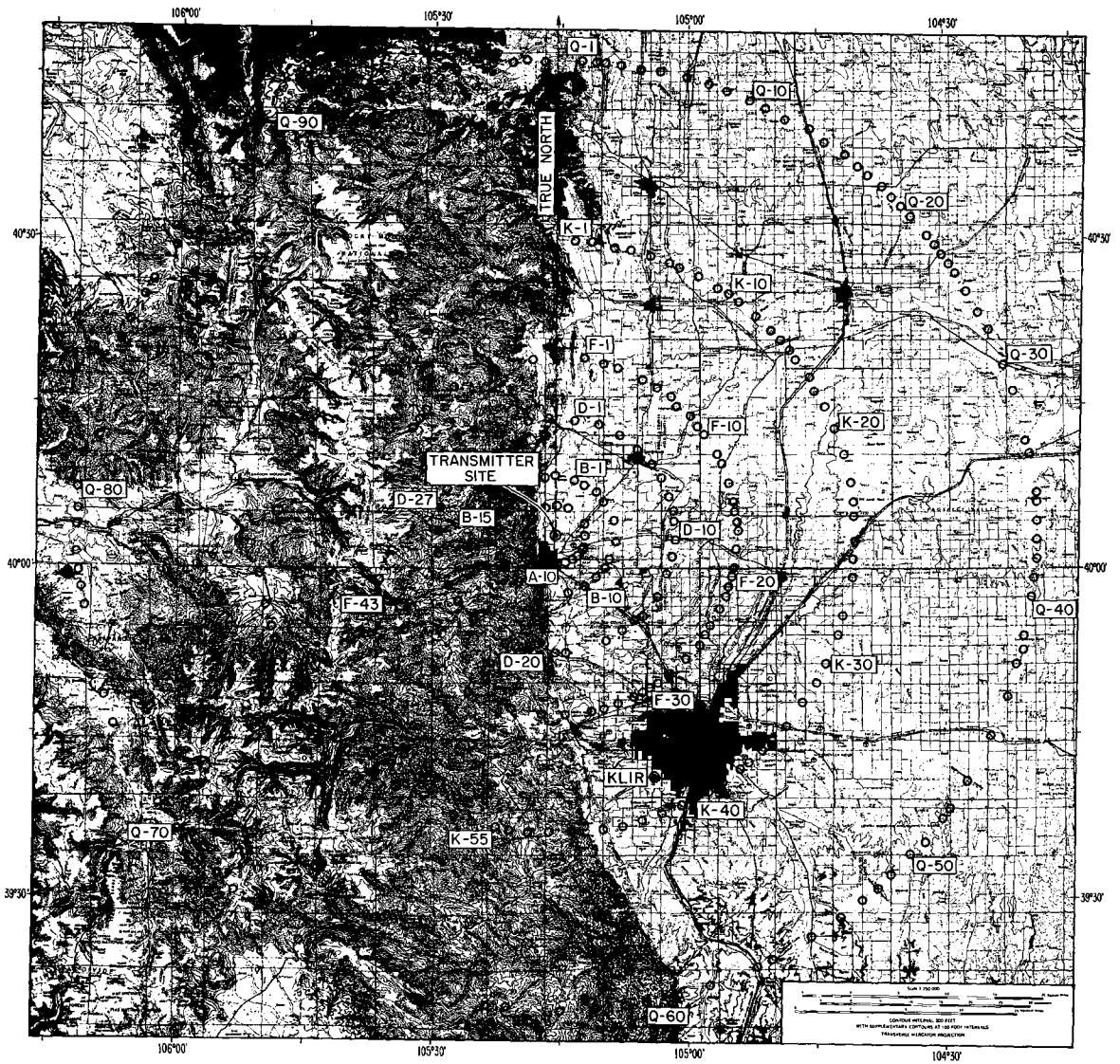
$$L_{bf} = 20 \log_{10} F + 20 \log_{10} B + 32.45 ,$$

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

*

3. References

Johnson, M. E., M. J. Miles, P. L. McQuate, and A. P. Barsis (1967),
Tabulations of VHF propagation data obtained over irregular
terrain at 20, 50, and 100 MHz, ESSA Technical Report IER-38/
ITSA - 38, Part I (Colorado Plains).



LAYOUT OF MEASUREMENT POINTS IN COLORADO

Figure 1

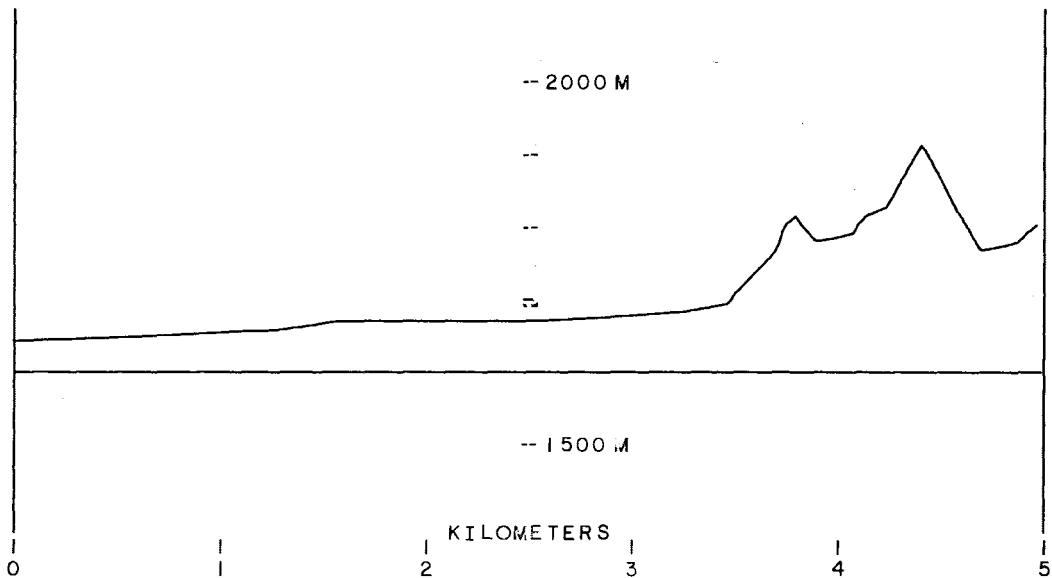
COLORADO MOUNTAINS

B= 5KM

SITE 13

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
(MNTS, 5, 20,V,V, P,3)	24.0	-95.5	-3.0	-3.3	0.1	-0.0	113.1	40.7
(MNTS, 5, 20,V,V,AV,3)	24.0	-95.5	-3.0	-3.3	0.1	-0.0	113.1	40.7
(MNTS, 5, 20,V,V,AH,3)	24.0	-95.5	-3.0	-3.3	0.1	-0.0	113.1	40.7
(MNTS, 5, 50,V,V, P,1)	24.0	-94.0	-2.2	4.0	1.2	0.2	118.4	38.0
(MNTS, 5, 50,V,V, P,3)	24.0	-94.0	-2.2	1.8	1.2	0.2	116.2	35.8
(MNTS, 5, 50,V,V,AV,1)	24.0	-94.0	-2.2	4.0	1.2	0.2	118.4	38.0
(MNTS, 5, 50,V,V,AV,3)	24.0	-94.0	-2.2	1.8	1.2	0.2	116.2	35.8
(MNTS, 5, 50,V,V,AH,1)	24.0	-95.5	-2.2	4.0	1.2	0.2	119.9	39.5
(MNTS, 5, 50,V,V,AH,3)	24.0	-92.4	-2.2	1.8	1.2	0.2	114.6	34.1



COLORADO MOUNTAINS B= SKM SIE 13

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-18-64	24.44	L1	5%	59.0	85.0

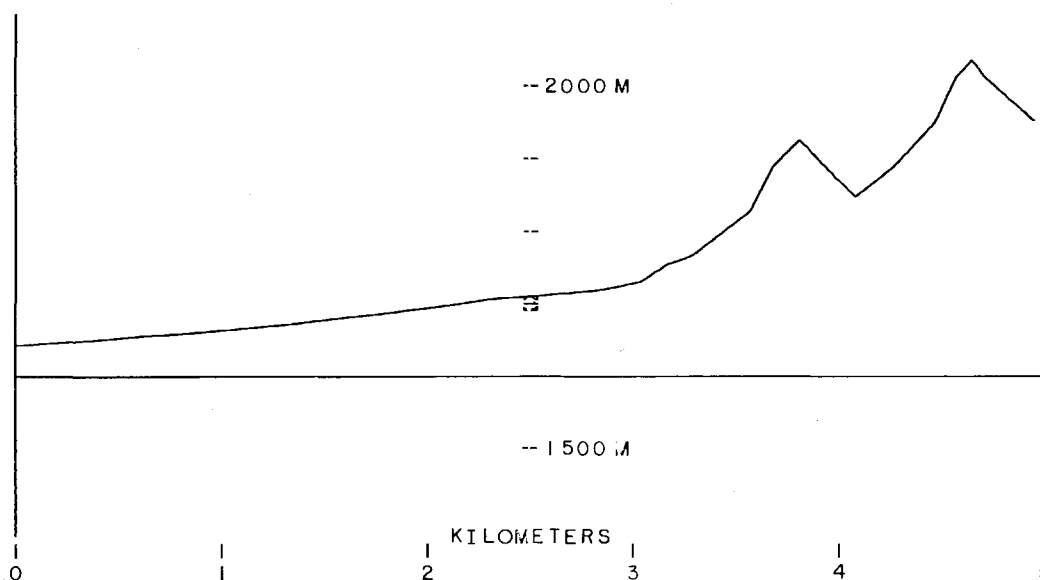
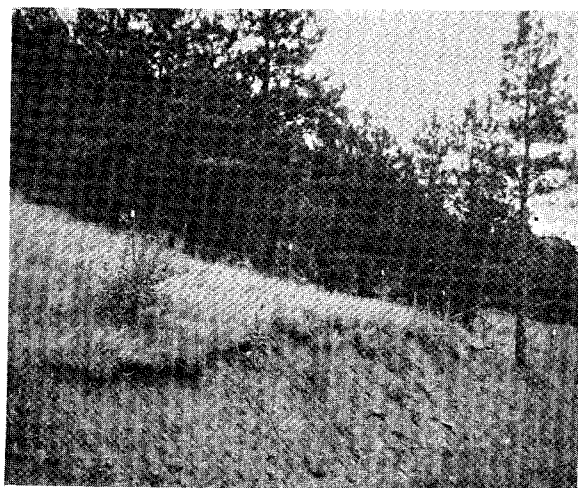
COTTON-WOOD TREE 60FT HIGH, 100FT IN PATH. 6-WIRE PHONE LINE ACROSS PATH 125FT IN PATH. CREST OF ROCK ABOUT 1/2MI IS HORIZON TOWARD TRANSMITTER. POWER LINE ON BOTH SIDES OF ROAD ABOVE ROAD LEVEL. HILL SIDES WITH TREES ON BOTH SIDES OF ROAD.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(MNTS, 5,100,V,V, P,3)	20.0	-91.4	7.6	-3.9	0.9	0.9	119.4	32.9
(MNTS, 5,100,V,V, P,6)	20.0	-91.9	7.6	-2.4	0.9	0.9	121.4	34.9
(MNTS, 5,100,V,V, P,9)	20.0	-86.9	7.6	-2.2	0.9	0.9	116.6	30.1
(MNTS, 5,100,V,V,AV,3)	20.0	-91.4	7.6	-3.9	0.9	0.9	119.4	32.9
(MNTS, 5,100,V,V,AV,6)	20.0	-91.9	7.6	-2.4	0.9	0.9	121.4	34.9
(MNTS, 5,100,V,V,AV,9)	20.0	-86.9	7.6	-2.2	0.9	0.9	116.6	30.1
(MNTS, 5,100,V,V,AH,3)	20.0	-87.8	7.6	-3.9	0.9	0.9	115.8	29.2
(MNTS, 5,100,V,V,AH,6)	20.0	-89.0	7.6	-2.4	0.9	0.9	118.5	32.0
(MNTS, 5,100,V,V,AH,9)	20.0	-83.7	7.6	-2.2	0.9	0.9	113.4	26.9
(MNTS, 5,100,H,V, P,3)	20.0	-105.2	9.6	-15.3	0.9	0.9	123.8	37.2
(MNTS, 5,100,H,V, P,6)	20.0	-109.8	9.6	-17.6	0.9	0.9	126.1	39.5
(MNTS, 5,100,H,V, P,9)	20.0	-104.5	9.6	-23.5	0.9	0.9	114.9	28.4
(MNTS, 5,100,H,V,AV,3)	20.0	-105.2	9.6	-15.3	0.9	0.9	123.8	37.2
(MNTS, 5,100,H,V,AV,6)	20.0	-109.8	9.6	-17.6	0.9	0.9	126.1	39.5
(MNTS, 5,100,H,V,AV,9)	20.0	-104.5	9.6	-23.5	0.9	0.9	114.9	28.4
(MNTS, 5,100,H,V,AH,3)	20.0	-94.1	9.6	-15.3	0.9	0.9	112.7	26.1
(MNTS, 5,100,H,V,AH,6)	20.0	-94.1	9.6	-17.6	0.9	0.9	110.4	23.8
(MNTS, 5,100,H,V,AH,9)	20.0	-100.1	9.6	-23.5	0.9	0.9	110.5	24.0
(MNTS, 5,100,V,H, P,3)	20.0	-100.1	7.6	-18.7	0.9	0.9	113.3	26.8
(MNTS, 5,100,V,H, P,6)	20.0	-95.8	7.6	-15.4	0.9	0.9	112.3	25.8
(MNTS, 5,100,V,H, P,9)	20.0	-95.8	7.6	-15.9	0.9	0.9	111.8	25.3
(MNTS, 5,100,V,H,AV,3)	20.0	-100.1	7.6	-18.7	0.9	0.9	113.3	26.8
(MNTS, 5,100,V,H,AV,6)	20.0	-95.8	7.6	-15.4	0.9	0.9	112.3	25.8
(MNTS, 5,100,V,H,AV,9)	20.0	-95.8	7.6	-15.9	0.9	0.9	111.8	25.3
(MNTS, 5,100,V,H,AH,3)	20.0	-98.4	7.6	-18.7	0.9	0.9	111.6	25.1
(MNTS, 5,100,V,H,AH,6)	20.0	-98.4	7.6	-15.4	0.9	0.9	114.9	28.4
(MNTS, 5,100,V,H,AH,9)	20.0	-94.7	7.6	-15.9	0.9	0.9	110.7	24.2
(MNTS, 5,100,H,H, P,3)	20.0	-95.1	9.6	0.2	0.9	0.9	129.2	42.6
(MNTS, 5,100,H,H, P,6)	20.0	-95.8	9.6	1.1	0.9	0.9	130.8	44.3
(MNTS, 5,100,H,H, P,9)	20.0	-87.5	9.6	0.8	0.9	0.9	122.2	35.6
(MNTS, 5,100,H,H,AV,3)	20.0	-95.1	9.6	0.2	0.9	0.9	129.2	42.6
(MNTS, 5,100,H,H,AV,6)	20.0	-95.8	9.6	1.1	0.9	0.9	130.8	44.3
(MNTS, 5,100,H,H,AV,9)	20.0	-87.5	9.6	0.8	0.9	0.9	122.2	35.6
(MNTS, 5,100,H,H,AH,3)	20.0	-85.5	9.6	0.2	0.9	0.9	119.6	33.1
(MNTS, 5,100,H,H,AH,6)	20.0	-86.8	9.6	1.1	0.9	0.9	121.8	35.2
(MNTS, 5,100,H,H,AH,9)	20.0	-84.5	9.6	0.8	0.9	0.9	119.2	32.7
(KLIR, 42,100,H,H, P,3)	42.2	-109.8		-1.9		0.9	155.3	50.4
(KLIR, 42,100,H,H, P,6)	42.2	-109.0		1.5		0.9	157.9	53.0
(KLIR, 42,100,H,H, P,9)	42.2	-101.6		1.0		0.9	150.0	45.1
(KLIR, 42,100,H,H,AV,3)	42.2	-109.8		-1.9		0.9	155.3	50.4
(KLIR, 42,100,H,H,AV,6)	42.2	-109.0		1.5		0.9	157.9	53.0
(KLIR, 42,100,H,H,AV,9)	42.2	-101.6		1.0		0.9	150.0	45.1
(KLIR, 42,100,H,H,AH,3)	42.2	-109.4		-1.9		0.9	154.9	50.0
(KLIR, 42,100,H,H,AH,6)	42.2	-115.4		1.5		0.9	164.3	59.4
(KLIR, 42,100,H,H,AH,9)	42.2	-119.5		1.0		0.9	167.9	63.0

COLORADO MOUNTAINS B= 5KM SITE 15

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
(MNTS, 5, 20,V,V, P,3)	24.0	-101.0	-4.2	-3.7	0.1	-0.0	117.0	44.6
(MNTS, 5, 20,V,V,AV,3)	24.0	-101.0	-4.2	-3.7	0.1	-0.0	117.0	44.6
(MNTS, 5, 20,V,V,AH,3)	24.0	-101.0	-4.2	-3.7	0.1	-0.0	117.0	44.6
(MNTS, 5, 50,V,V, P,1)	24.0	-66.0	-0.6	3.4	1.2	0.2	91.4	11.0
(MNTS, 5, 50,V,V, P,3)	24.0	-79.8	-0.6	2.2	1.2	0.2	104.0	23.5
(MNTS, 5, 50,V,V,AV,1)	24.0	-74.0	-0.6	3.4	1.2	0.2	99.4	19.0
(MNTS, 5, 50,V,V,AV,3)	24.0	-68.2	-0.6	2.2	1.2	0.2	92.4	11.9
(MNTS, 5, 50,V,V,AH,1)	24.0	-66.0	-0.6	3.4	1.2	0.2	91.4	11.0
(MNTS, 5, 50,V,V,AH,3)	24.0	-79.8	-0.6	2.2	1.2	0.2	104.0	23.5



COLORADO MOUNTAINS B= 5KM SITE 15

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-19-64	23.66	L9,L5	95%	55.8	84.9

POWER LINE CROSSES OVER THE ROAD 100FT TO SIDE OF TREE-COVERED HILL FACING 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
(MNTS, 5,100,V,V, P,3)	20.0	-90.0	7.6	-3.0	0.9	0.9	118.9	32.3
(MNTS, 5,100,V,V, P,6)	20.0	-79.6	7.6	-2.4	0.9	0.9	109.1	22.6
(MNTS, 5,100,V,V, P,9)	20.0	-78.7	7.6	-2.2	0.9	0.9	108.4	21.8
(MNTS, 5,100,V,V,AV,3)	20.0	-79.8	7.6	-3.0	0.9	0.9	108.7	22.2
(MNTS, 5,100,V,V,AV,6)	20.0	-85.4	7.6	-2.4	0.9	0.9	114.9	28.4
(MNTS, 5,100,V,V,AV,9)	20.0	-103.0	7.6	-2.2	0.9	0.9	132.7	46.2
(MNTS, 5,100,V,V,AH,3)	20.0	-90.0	7.6	-3.0	0.9	0.9	118.9	32.3
(MNTS, 5,100,V,V,AH,6)	20.0	-79.6	7.6	-2.4	0.9	0.9	109.1	22.6
(MNTS, 5,100,V,V,AH,9)	20.0	-78.7	7.6	-2.2	0.9	0.9	108.4	21.8
(MNTS, 5,100,H,V, P,3)	20.0	-93.5	9.6	-13.5	0.9	0.9	113.9	27.3
(MNTS, 5,100,H,V, P,6)	20.0	-88.4	9.6	-15.5	0.9	0.9	106.8	20.2
(MNTS, 5,100,H,V, P,9)	20.0	-97.9	9.6	-21.5	0.9	0.9	110.3	23.8
(MNTS, 5,100,H,V,AV,3)	20.0	-97.0	9.6	-13.5	0.9	0.9	117.4	30.9
(MNTS, 5,100,H,V,AV,6)	20.0	-89.2	9.6	-15.5	0.9	0.9	107.6	21.1
(MNTS, 5,100,H,V,AV,9)	20.0	-86.8	9.6	-21.5	0.9	0.9	99.2	12.6
(MNTS, 5,100,H,V,AH,3)	20.0	-93.5	9.6	-13.5	0.9	0.9	113.9	27.3
(MNTS, 5,100,H,V,AH,6)	20.0	-88.4	9.6	-15.5	0.9	0.9	106.8	20.2
(MNTS, 5,100,H,V,AH,9)	20.0	-97.9	9.6	-21.5	0.9	0.9	110.3	23.8
(MNTS, 5,100,V,H, P,3)	20.0	-91.9	7.6	-17.6	0.9	0.9	106.2	19.7
(MNTS, 5,100,V,H, P,6)	20.0	-89.6	7.6	-18.3	0.9	0.9	103.2	16.6
(MNTS, 5,100,V,H, P,9)	20.0	-97.4	7.6	-17.0	0.9	0.9	112.3	25.8
(MNTS, 5,100,V,H,AV,3)	20.0	-85.2	7.6	-17.6	0.9	0.9	99.5	12.9
(MNTS, 5,100,V,H,AV,6)	20.0	-88.1	7.6	-18.3	0.9	0.9	101.7	15.1
(MNTS, 5,100,V,H,AV,9)	20.0	-93.2	7.6	-17.0	0.9	0.9	108.1	21.6
(MNTS, 5,100,V,H,AH,3)	20.0	-91.9	7.6	-17.6	0.9	0.9	106.2	19.7
(MNTS, 5,100,V,H,AH,6)	20.0	-89.6	7.6	-18.3	0.9	0.9	103.2	16.6
(MNTS, 5,100,V,H,AH,9)	20.0	-97.4	7.6	-17.0	0.9	0.9	112.3	25.8
(MNTS, 5,100,H,H, P,3)	20.0	-84.4	9.6	0.5	0.9	0.9	118.8	32.3
(MNTS, 5,100,H,H, P,6)	20.0	-79.9	9.6	1.2	0.9	0.9	115.0	28.4
(MNTS, 5,100,H,H, P,9)	20.0	-85.8	9.6	0.9	0.9	0.9	120.6	34.0
(MNTS, 5,100,H,H,AV,3)	20.0	-81.4	9.6	0.5	0.9	0.9	115.8	29.3
(MNTS, 5,100,H,H,AV,6)	20.0	-90.0	9.6	1.2	0.9	0.9	125.1	38.5
(MNTS, 5,100,H,H,AV,9)	20.0	-78.8	9.6	0.9	0.9	0.9	113.6	27.1
(MNTS, 5,100,H,H,AH,3)	20.0	-84.4	9.6	0.5	0.9	0.9	118.8	32.3
(MNTS, 5,100,H,H,AH,6)	20.0	-79.9	9.6	1.2	0.9	0.9	115.0	28.4
(MNTS, 5,100,H,H,AH,9)	20.0	-85.8	9.6	0.9	0.9	0.9	120.6	34.0
(KLIR, 48,100,H,H, P,3)	42.2	-84.6		-0.3		0.9	131.7	25.7
(KLIR, 48,100,H,H, P,6)	42.2	-82.4		1.4		0.9	131.2	25.1
(KLIR, 48,100,H,H, P,9)	42.2	-80.1		0.9		0.9	128.4	22.4
(KLIR, 48,100,H,H,AV,3)	42.2	-79.9		-0.3		0.9	127.0	20.9
(KLIR, 48,100,H,H,AV,6)	42.2	-78.7		1.4		0.9	127.5	21.4
(KLIR, 48,100,H,H,AV,9)	42.2	-85.9		0.9		0.9	134.2	28.1
(KLIR, 48,100,H,H,AH,3)	42.2	-84.6		-0.3		0.9	131.7	25.7
(KLIR, 48,100,H,H,AH,6)	42.2	-82.4		1.4		0.9	131.2	25.1
(KLIR, 48,100,H,H,AH,9)	42.2	-80.1		0.9		0.9	128.4	22.4

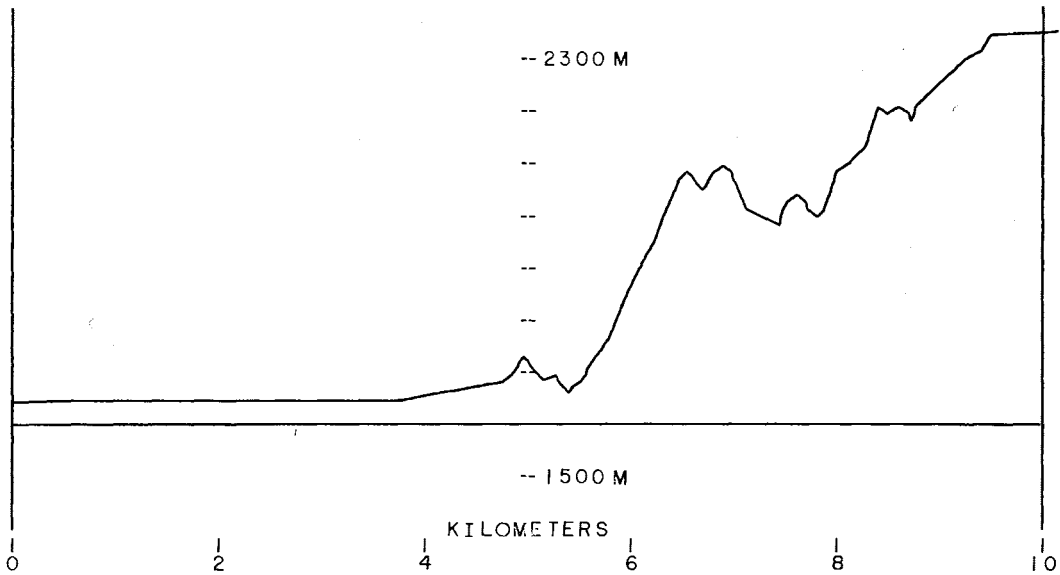
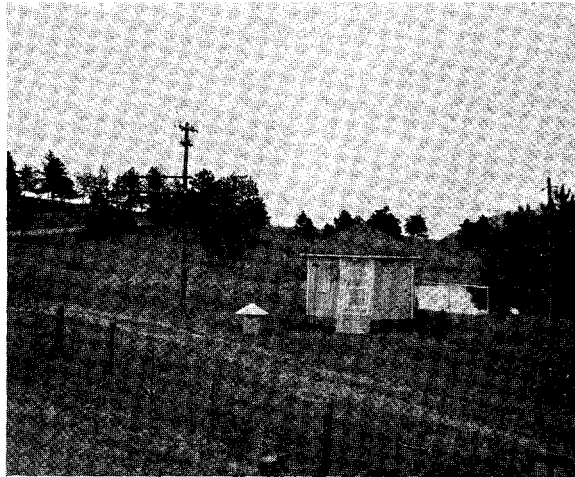
COLORADO MOUNTAINS

H= 10KM

SITE 12

DATE 10-26-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 10, 20,V,V, P,3)	24.0	-99.5	-3.5	-1.9	0.1	-0.0	118.0	39.5
(MNTS, 10, 20,V,V,AV,3)	24.0	-102.0	-3.5	-1.9	0.1	-0.0	120.5	42.0
(MNTS, 10, 20,V,V,AH,3)	24.0	-102.3	-3.5	-1.9	0.1	-0.0	120.8	42.3
(MNTS, 10, 50,V,V, P,1)	24.0	-103.3	-2.2	4.4	1.2	0.2	128.1	41.6
(MNTS, 10, 50,V,V, P,3)	24.0	-101.2	-2.2	-2.0	1.2	0.2	119.6	33.1
(MNTS, 10, 50,V,V,AV,1)	24.0	-104.8	-2.2	4.4	1.2	0.2	129.6	43.1
(MNTS, 10, 50,V,V,AV,3)	24.0	-104.8	-2.2	-2.0	1.2	0.2	123.2	36.7
(MNTS, 10, 50,V,V,AH,1)	24.0	-109.5	-2.2	4.4	1.2	0.2	134.3	47.8
(MNTS, 10, 50,V,V,AH,3)	24.0	-101.6	-2.2	-2.0	1.2	0.2	120.0	33.5



COLORADO MOUNTAINS B= 10KM SITE 12

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-24-64	22.79	L1,H1	85%	52.2	62.8

PHONE LINE (20 WIRES) IN PATH ACROSS ROAD. POWER LINE JUST BEYOND. LAKE OR RESERVIOR ON PATH. PINE TREES TO 40FT HIGH. SITE IS NEAR MOUNTAIN TOP.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 10,100,V,V, P,3)	20.0	-91.0	7.6	-1.4	0.9	0.9	121.5	28.9
(MNTS, 10,100,V,V, P,6)	20.0	-88.9	7.6	-1.6	0.9	0.9	119.2	26.6
(MNTS, 10,100,V,V, P,9)	20.0	-88.9	7.6	-2.1	0.9	0.9	118.7	26.1
(MNTS, 10,100,V,V,AV,3)	20.0	-80.9	7.6	-1.4	0.9	0.9	111.4	18.8
(MNTS, 10,100,V,V,AV,6)	20.0	-83.9	7.6	-1.6	0.9	0.9	114.2	21.7
(MNTS, 10,100,V,V,AV,9)	20.0	-83.9	7.6	-2.1	0.9	0.9	113.7	21.2
(MNTS, 10,100,V,V,AH,3)	20.0	-100.2	7.6	-1.4	0.9	0.9	130.7	38.2
(MNTS, 10,100,V,V,AH,6)	20.0	-95.1	7.6	-1.6	0.9	0.9	125.4	32.8
(MNTS, 10,100,V,V,AH,9)	20.0	-91.7	7.6	-2.1	0.9	0.9	121.5	28.9
(MNTS, 10,100,H,V, P,3)	20.0	-106.4	9.6	-15.9	0.9	0.9	124.4	31.8
(MNTS, 10,100,H,V, P,6)	20.0	-103.6	9.6	-14.0	0.9	0.9	123.5	30.9
(MNTS, 10,100,H,V, P,9)	20.0	-101.2	9.6	-15.8	0.9	0.9	119.3	26.7
(MNTS, 10,100,H,V,AV,3)	20.0	-99.5	9.6	-15.9	0.9	0.9	117.5	24.9
(MNTS, 10,100,H,V,AV,6)	20.0	-108.4	9.6	-14.0	0.9	0.9	128.3	35.7
(MNTS, 10,100,H,V,AV,9)	20.0	-110.2	9.6	-15.8	0.9	0.9	128.3	35.7
(MNTS, 10,100,H,V,AH,3)	20.0	-99.5	9.6	-15.9	0.9	0.9	117.5	24.9
(MNTS, 10,100,H,V,AH,6)	20.0	-100.7	9.6	-14.0	0.9	0.9	120.6	28.1
(MNTS, 10,100,H,V,AH,9)	20.0	-98.1	9.6	-15.8	0.9	0.9	116.2	23.7
(MNTS, 10,100,V,H, P,3)	20.0	-98.9	7.6	-21.1	0.9	0.9	109.7	17.2
(MNTS, 10,100,V,H, P,6)	20.0	-98.9	7.6	-17.1	0.9	0.9	113.7	21.2
(MNTS, 10,100,V,H, P,9)	20.0	-94.4	7.6	-15.9	0.9	0.9	110.4	17.8
(MNTS, 10,100,V,H,AV,3)	20.0	-91.9	7.6	-21.1	0.9	0.9	102.7	10.1
(MNTS, 10,100,V,H,AV,6)	20.0	-92.7	7.6	-17.1	0.9	0.9	107.5	14.9
(MNTS, 10,100,V,H,AV,9)	20.0	-89.4	7.6	-15.9	0.9	0.9	105.4	12.8
(MNTS, 10,100,V,H,AH,3)	20.0	-101.7	7.6	-21.1	0.9	0.9	112.5	20.0
(MNTS, 10,100,V,H,AH,6)	20.0	-97.0	7.6	-17.1	0.9	0.9	111.8	19.3
(MNTS, 10,100,V,H,AH,9)	20.0	-98.6	7.6	-15.9	0.9	0.9	114.6	22.1
(MNTS, 10,100,H,H, P,3)	20.0	-89.4	9.6	-1.1	0.9	0.9	122.2	29.6
(MNTS, 10,100,H,H, P,6)	20.0	-85.0	9.6	1.6	0.9	0.9	120.5	27.9
(MNTS, 10,100,H,H, P,9)	20.0	-84.2	9.6	1.1	0.9	0.9	119.2	26.7
(MNTS, 10,100,H,H,AV,3)	20.0	-89.4	9.6	-1.1	0.9	0.9	122.2	29.6
(MNTS, 10,100,H,H,AV,6)	20.0	-87.8	9.6	1.6	0.9	0.9	123.3	30.7
(MNTS, 10,100,H,H,AV,9)	20.0	-85.0	9.6	1.1	0.9	0.9	120.0	27.4
(MNTS, 10,100,H,H,AH,3)	20.0	-85.4	9.6	-1.1	0.9	0.9	118.2	25.7
(MNTS, 10,100,H,H,AH,6)	20.0	-85.4	9.6	1.6	0.9	0.9	120.9	28.4
(MNTS, 10,100,H,H,AH,9)	20.0	-84.1	9.6	1.1	0.9	0.9	119.1	26.6
(KLIR, 40,100,H,H, P,3)	42.2	-84.4		0.6		0.9	132.4	28.0
(KLIR, 40,100,H,H, P,6)	42.2	-71.7		1.1		0.9	120.2	15.7
(KLIR, 40,100,H,H, P,9)	42.2	-66.4		0.7		0.9	114.5	10.0
(KLIR, 40,100,H,H,AV,3)	42.2	-75.4		0.6		0.9	123.4	19.0
(KLIR, 40,100,H,H,AV,6)	42.2	-58.9		1.1		0.9	107.4	3.0
(KLIR, 40,100,H,H,AV,9)	42.2	-57.4		0.7		0.9	105.5	1.1
(KLIR, 40,100,H,H,AH,3)	42.2	-71.8		0.6		0.9	119.8	15.4
(KLIR, 40,100,H,H,AH,6)	42.2	-59.4		1.1		0.9	107.9	3.4
(KLIR, 40,100,H,H,AH,9)	42.2	-57.6		0.7		0.9	105.7	1.3

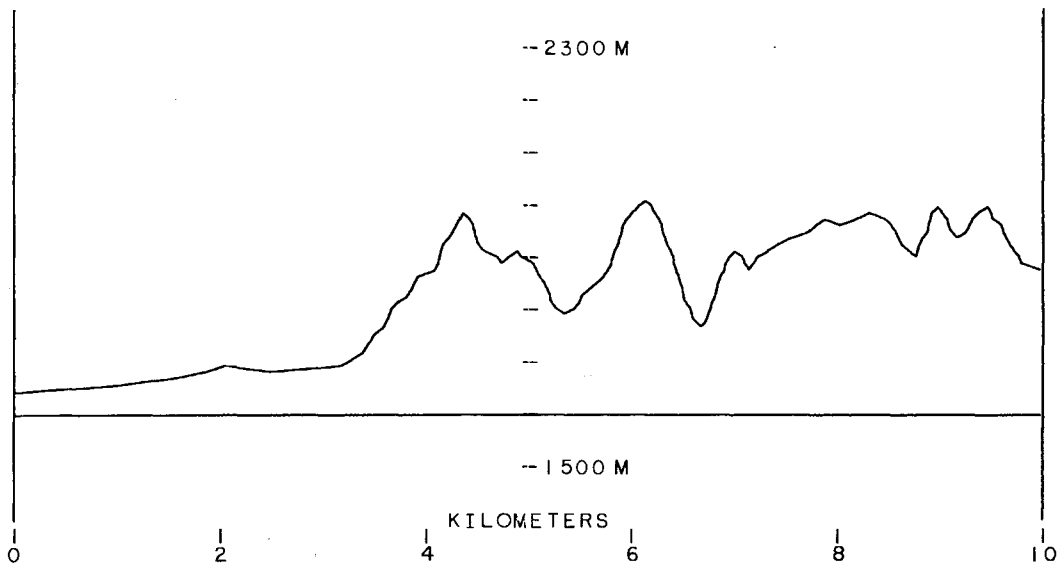
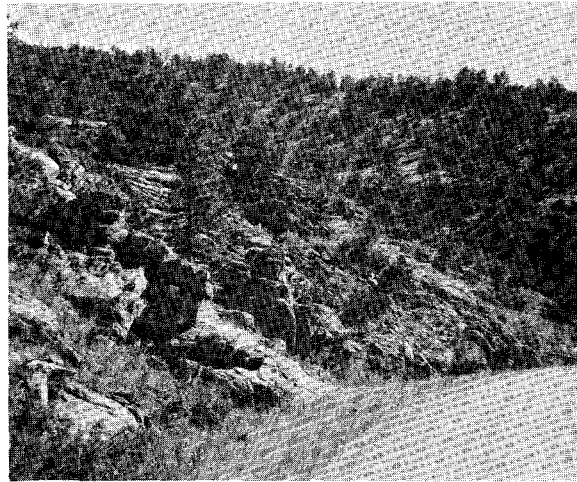
COLORADO MOUNTAINS

B= 10KM

SITE 13

DATE 10-26-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 10, 20,V,V, P,3)	24.0	-126.8	-4.2	-3.0	0.1	-0.0	143.5	65.0
(MNTS, 10, 20,V,V,AV,3)	24.0	-124.0	-4.2	-3.0	0.1	-0.0	140.7	62.2
(MNTS, 10, 20,V,V,AH,3)	24.0	-132.0	-4.2	-3.0	0.1	-0.0	148.7	70.2
(MNTS, 10, 50,V,V, P,1)	24.0	-123.5	-2.2	-5.3	1.2	0.2	138.6	52.1
(MNTS, 10, 50,V,V, P,3)	24.0	-128.2	-2.2	-3.6	1.2	0.2	145.0	58.5
(MNTS, 10, 50,V,V,AV,1)	24.0	-131.2	-2.2	-5.3	1.2	0.2	146.3	59.8
(MNTS, 10, 50,V,V,AV,3)	24.0	-126.1	-2.2	-3.6	1.2	0.2	142.9	56.4
(MNTS, 10, 50,V,V,AH,1)	24.0	-131.2	-2.2	-5.3	1.2	0.2	146.3	59.8
(MNTS, 10, 50,V,V,AH,3)	24.0	-130.5	-2.2	-3.6	1.2	0.2	147.3	60.8



COLORADO MOUNTAINS B= 10KM SITE 13

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-24-64	24.02	CLEAR	0%	54.0	79.8

SITE IS ON BOULDER CANYON ROAD WITH A STREAM ON THE LEFT AND ROCKS AND TREES ON RIGHT. HORIZON 1/2 MILE, ROCKS WITH TREE COVER.

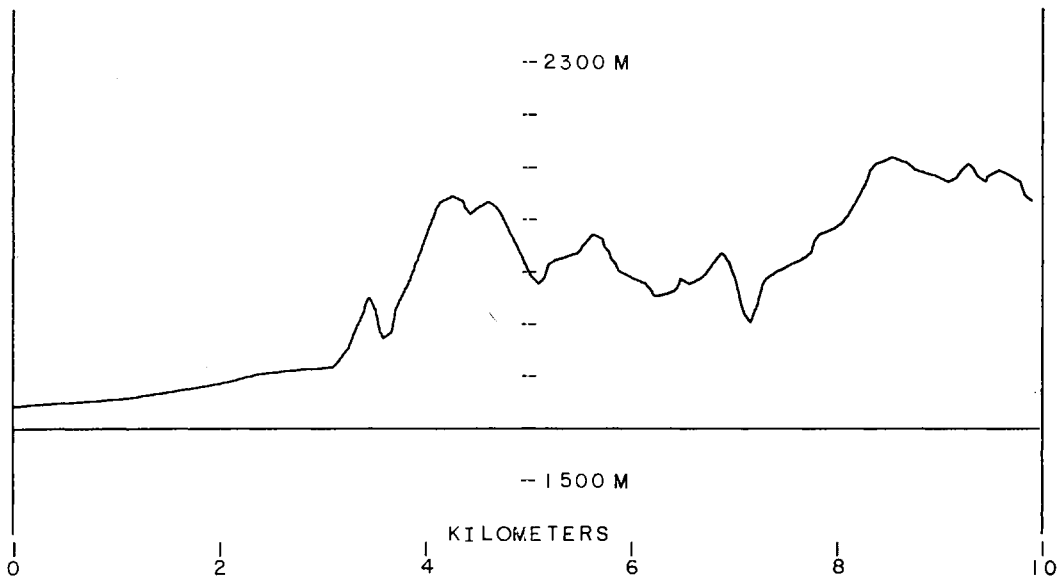
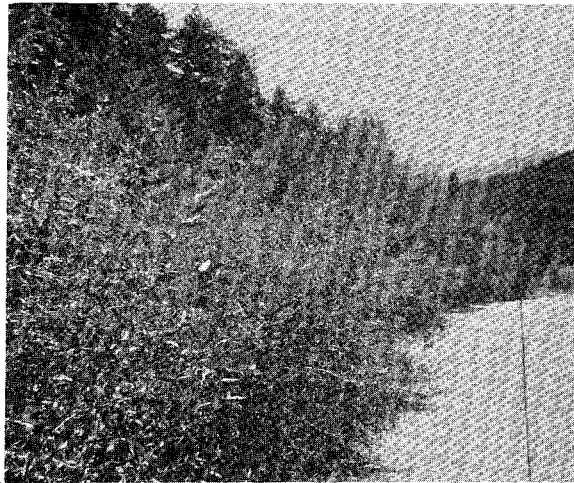
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 10,100,V,V, P,3)	20.0	-114.1	7.6	1.4	0.9	0.9	147.4	54.8
(MNTS, 10,100,V,V, P,6)	20.0	-120.1	7.6	-1.0	0.9	0.9	151.0	58.4
(MNTS, 10,100,V,V, P,9)	20.0	-112.9	7.6	-1.3	0.9	0.9	143.5	51.0
(MNTS, 10,100,V,V,AV,3)	20.0	-105.0	7.6	1.4	0.9	0.9	138.3	45.7
(MNTS, 10,100,V,V,AV,6)	20.0	-108.7	7.6	-1.0	0.9	0.9	139.6	47.1
(MNTS, 10,100,V,V,AV,9)	20.0	-109.0	7.6	-1.3	0.9	0.9	139.6	47.1
(MNTS, 10,100,V,V,AH,3)	20.0	-115.3	7.6	1.4	0.9	0.9	148.6	56.0
(MNTS, 10,100,V,V,AH,6)	20.0	-114.4	7.6	-1.0	0.9	0.9	145.3	52.7
(MNTS, 10,100,V,V,AH,9)	20.0	-114.4	7.6	-1.3	0.9	0.9	145.0	52.4
(MNTS, 10,100,H,V, P,3)	20.0	-138.9	9.6	-14.9	0.9	0.9	157.9	65.4
(MNTS, 10,100,H,V, P,6)	20.0	-142.4	9.6	-12.6	0.9	0.9	163.7	71.1
(MNTS, 10,100,H,V, P,9)	20.0	-126.1	9.6	-14.9	0.9	0.9	145.1	52.6
(MNTS, 10,100,H,V,AV,3)	20.0	-131.9	9.6	-14.9	0.9	0.9	150.9	58.3
(MNTS, 10,100,H,V,AV,6)	20.0	-131.9	9.6	-12.6	0.9	0.9	153.2	60.6
(MNTS, 10,100,H,V,AV,9)	20.0	-131.9	9.6	-14.9	0.9	0.9	150.9	58.3
(MNTS, 10,100,H,V,AH,3)	20.0	-129.0	9.6	-14.9	0.9	0.9	148.0	55.5
(MNTS, 10,100,H,V,AH,6)	20.0	-126.9	9.6	-12.6	0.9	0.9	148.2	55.6
(MNTS, 10,100,H,V,AH,9)	20.0	-127.5	9.6	-14.9	0.9	0.9	146.5	53.9
(MNTS, 10,100,V,H, P,3)	20.0	-129.4	7.6	-19.7	0.9	0.9	141.6	49.0
(MNTS, 10,100,V,H, P,6)	20.0	-128.1	7.6	20.3	0.9	0.9	180.3	87.7
(MNTS, 10,100,V,H, P,9)	20.0	-118.7	7.6	17.5	0.9	0.9	168.1	75.6
(MNTS, 10,100,V,H,AV,3)	20.0	-117.0	7.6	-19.7	0.9	0.9	129.2	36.6
(MNTS, 10,100,V,H,AV,6)	20.0	-119.5	7.6	20.3	0.9	0.9	171.7	79.1
(MNTS, 10,100,V,H,AV,9)	20.0	-139.5	7.6	17.5	0.9	0.9	188.9	96.3
(MNTS, 10,100,V,H,AH,3)	20.0	-129.4	7.6	-19.7	0.9	0.9	141.6	49.0
(MNTS, 10,100,V,H,AH,6)	20.0	-124.5	7.6	20.3	0.9	0.9	176.7	84.2
(MNTS, 10,100,V,H,AH,9)	20.0	-120.2	7.6	17.5	0.9	0.9	169.6	77.1
(MNTS, 10,100,H,H, P,3)	20.0	-130.0	9.6	-2.0	0.9	0.9	161.9	69.3
(MNTS, 10,100,H,H, P,6)	20.0	**	9.6	1.6	0.9	0.9	**	**
(MNTS, 10,100,H,H, P,9)	20.0	-132.9	9.6	1.1	0.9	0.9	167.9	75.4
(MNTS, 10,100,H,H,AV,3)	20.0	-128.1	9.6	-2.0	0.9	0.9	160.0	67.4
(MNTS, 10,100,H,H,AV,6)	20.0	-131.0	9.6	1.6	0.9	0.9	166.5	73.9
(MNTS, 10,100,H,H,AV,9)	20.0	-129.4	9.6	1.1	0.9	0.9	164.4	71.8
(MNTS, 10,100,H,H,AH,3)	20.0	-120.7	9.6	-2.0	0.9	0.9	152.6	60.1
(MNTS, 10,100,H,H,AH,6)	20.0	-122.2	9.6	1.6	0.9	0.9	157.7	65.1
(MNTS, 10,100,H,H,AH,9)	20.0	-124.1	9.6	1.1	0.9	0.9	159.1	66.6
(KLIR, 44,100,H,H, P,3)	42.2	-117.9		0.5		0.9	165.8	60.6
(KLIR, 44,100,H,H, P,6)	42.2	-116.2		1.1		0.9	164.7	59.4
(KLIR, 44,100,H,H, P,9)	42.2	-116.2		0.7		0.9	164.3	59.0
(KLIR, 44,100,H,H,AV,3)	42.2	-126.4		0.5		0.9	174.3	69.0
(KLIR, 44,100,H,H,AV,6)	42.2	-122.8		1.1		0.9	171.3	66.1
(KLIR, 44,100,H,H,AV,9)	42.2	-119.2		0.7		0.9	167.3	62.0
(KLIR, 44,100,H,H,AH,3)	42.2	-109.4		0.5		0.9	157.3	52.1
(KLIR, 44,100,H,H,AH,6)	42.2	-108.7		1.1		0.9	157.2	52.0
(KLIR, 44,100,H,H,AH,9)	42.2	-110.2		0.7		0.9	158.3	53.0

** SIGNAL TOO LOW TO BE MEASURED

COLORADO MOUNTAINS B= 10KM SITE 14

DATE 10-26-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 10, 20,V,V, P,3)	24.0	-128.7	-2.5	-1.9	0.1	-0.0	148.2	69.7
(MNTS, 10, 20,V,V,AV,3)	24.0	-125.0	-2.5	-1.9	0.1	-0.0	144.5	66.0
(MNTS, 10, 20,V,V,AH,3)	24.0	-122.8	-2.5	-1.9	0.1	-0.0	142.3	63.8
(MNTS, 10, 50,V,V, P,1)	24.0	-112.8	-2.2	4.4	1.2	0.2	137.6	51.1
(MNTS, 10, 50,V,V, P,3)	24.0	-117.7	-2.2	-2.0	1.2	0.2	136.1	49.6
(MNTS, 10, 50,V,V,AV,1)	24.0	-113.8	-2.2	4.4	1.2	0.2	138.6	52.1
(MNTS, 10, 50,V,V,AV,3)	24.0	-113.8	-2.2	-2.0	1.2	0.2	132.2	45.7
(MNTS, 10, 50,V,V,AH,1)	24.0	-112.8	-2.2	4.4	1.2	0.2	137.6	51.1
(MNTS, 10, 50,V,V,AH,3)	24.0	-116.0	-2.2	-2.0	1.2	0.2	134.4	47.9



COLORADO MOUNTAINS B= 10KM SITE 14

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-24-64	23.64	L1	15%	54.3	83.8

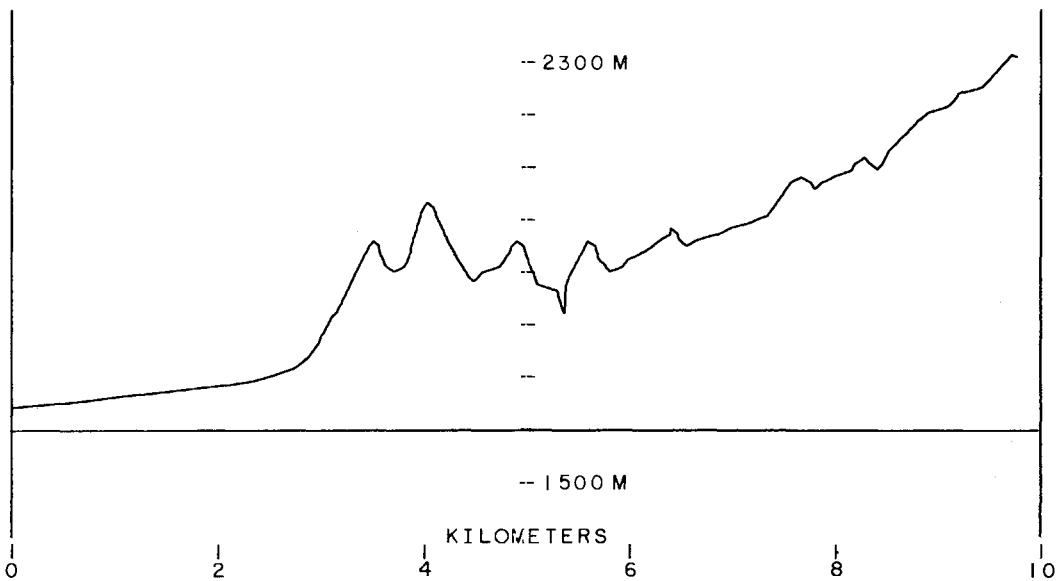
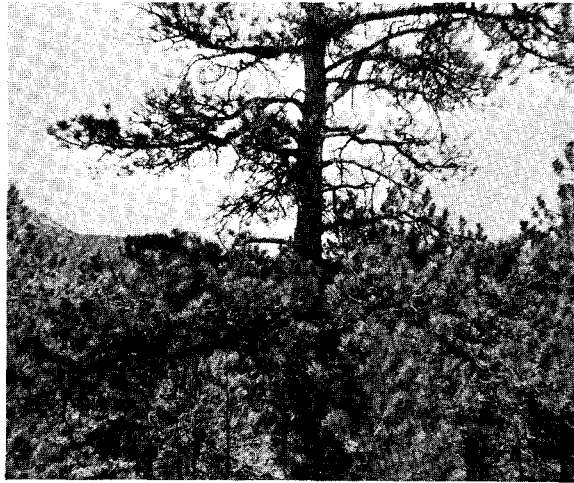
15-WIRE PHONE LINE SOUTH OF TRUCK. SITE IN THICKLY WOODED SECTION.
BOTTOM VALLEY OF ROCKS.

(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, 10,100,V,V, P,3)	20.0	-113.5	7.6	-1.4	0.9	0.9	144.0	51.4
(MNTS, 10,100,V,V, P,6)	20.0	-109.0	7.6	-1.6	0.9	0.9	139.3	46.8
(MNTS, 10,100,V,V, P,9)	20.0	-107.5	7.6	-2.1	0.9	0.9	137.3	44.7
(MNTS, 10,100,V,V,AV,3)	20.0	-98.7	7.6	-1.4	0.9	0.9	129.2	36.7
(MNTS, 10,100,V,V,AV,6)	20.0	-105.0	7.6	-1.6	0.9	0.9	135.3	42.7
(MNTS, 10,100,V,V,AV,9)	20.0	-104.1	7.6	-2.1	0.9	0.9	133.9	41.4
(MNTS, 10,100,V,V,AH,3)	20.0	-105.0	7.6	-1.4	0.9	0.9	135.5	42.9
(MNTS, 10,100,V,V,AH,6)	20.0	-104.5	7.6	-1.6	0.9	0.9	134.8	42.3
(MNTS, 10,100,V,V,AH,9)	20.0	-102.5	7.6	-2.1	0.9	0.9	132.3	39.8
(MNTS, 10,100,H,V, P,3)	20.0	-127.5	9.6	-15.9	0.9	0.9	145.5	52.9
(MNTS, 10,100,H,V, P,6)	20.0	-123.0	9.6	-14.0	0.9	0.9	142.9	50.4
(MNTS, 10,100,H,V, P,9)	20.0	-122.2	9.6	-15.8	0.9	0.9	140.3	47.7
(MNTS, 10,100,H,V,AV,3)	20.0	-115.6	9.6	-15.9	0.9	0.9	133.6	41.0
(MNTS, 10,100,H,V,AV,6)	20.0	-121.0	9.6	-14.0	0.9	0.9	140.9	48.4
(MNTS, 10,100,H,V,AV,9)	20.0	-116.2	9.6	-15.8	0.9	0.9	134.3	41.7
(MNTS, 10,100,H,V,AH,3)	20.0	-121.9	9.6	-15.9	0.9	0.9	139.9	47.3
(MNTS, 10,100,H,V,AH,6)	20.0	-125.0	9.6	-14.0	0.9	0.9	144.9	52.3
(MNTS, 10,100,H,V,AH,9)	20.0	-119.2	9.6	-15.8	0.9	0.9	137.3	44.7
(MNTS, 10,100,V,H, P,3)	20.0	-126.9	7.6	-21.1	0.9	0.9	137.7	45.1
(MNTS, 10,100,V,H, P,6)	20.0	-121.4	7.6	-17.1	0.9	0.9	136.2	43.7
(MNTS, 10,100,V,H, P,9)	20.0	-120.3	7.6	-15.9	0.9	0.9	136.3	43.8
(MNTS, 10,100,V,H,AV,3)	20.0	-110.2	7.6	-21.1	0.9	0.9	121.0	28.4
(MNTS, 10,100,V,H,AV,6)	20.0	-113.8	7.6	-17.1	0.9	0.9	128.6	36.0
(MNTS, 10,100,V,H,AV,9)	20.0	-115.1	7.6	-15.9	0.9	0.9	131.1	38.5
(MNTS, 10,100,V,H,AH,3)	20.0	-120.3	7.6	-21.1	0.9	0.9	131.1	38.6
(MNTS, 10,100,V,H,AH,6)	20.0	-109.8	7.6	-17.1	0.9	0.9	124.6	32.0
(MNTS, 10,100,V,H,AH,9)	20.0	-113.2	7.6	-15.9	0.9	0.9	129.2	36.6
(MNTS, 10,100,H,H, P,3)	20.0	-122.2	9.6	-1.1	0.9	0.9	155.0	62.4
(MNTS, 10,100,H,H, P,6)	20.0	-117.8	9.6	1.6	0.9	0.9	153.3	60.8
(MNTS, 10,100,H,H, P,9)	20.0	-119.9	9.6	1.1	0.9	0.9	154.9	62.3
(MNTS, 10,100,H,H,AV,3)	20.0	-120.5	9.6	-1.1	0.9	0.9	153.3	60.7
(MNTS, 10,100,H,H,AV,6)	20.0	-115.1	9.6	1.6	0.9	0.9	150.6	58.0
(MNTS, 10,100,H,H,AV,9)	20.0	-116.2	9.6	1.1	0.9	0.9	151.2	58.6
(MNTS, 10,100,H,H,AH,3)	20.0	-113.2	9.6	-1.1	0.9	0.9	146.0	53.4
(MNTS, 10,100,H,H,AH,6)	20.0	-111.2	9.6	1.6	0.9	0.9	146.7	54.1
(MNTS, 10,100,H,H,AH,9)	20.0	-111.9	9.6	1.1	0.9	0.9	146.9	54.3
(KLIR, 45,100,H,H, P,3)	42.2	-103.6		-0.3		0.9	150.7	45.2
(KLIR, 45,100,H,H, P,6)	42.2	-98.8		1.2		0.9	147.4	41.9
(KLIR, 45,100,H,H, P,9)	42.2	-101.3		0.8		0.9	149.5	44.0
(KLIR, 45,100,H,H,AV,3)	42.2	-101.6		-0.3		0.9	148.7	43.2
(KLIR, 45,100,H,H,AV,6)	42.2	-96.8		1.2		0.9	145.4	39.9
(KLIR, 45,100,H,H,AV,9)	42.2	-99.2		0.8		0.9	147.4	41.9
(KLIR, 45,100,H,H,AH,3)	42.2	-101.2		-0.3		0.9	148.3	42.8
(KLIR, 45,100,H,H,AH,6)	42.2	-98.1		1.2		0.9	146.7	41.2
(KLIR, 45,100,H,H,AH,9)	42.2	-100.5		0.8		0.9	148.7	43.2

COLORADO MOUNTAINS B= 10KM SITE 15

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
(MNTS, 10, 20,V,V, P,3)	24.0	-89.0	-2.3	-1.9	0.1	-0.0	108.7	30.2
(MNTS, 10, 20,V,V,AV,3)	24.0	-91.5	-2.3	-1.9	0.1	-0.0	111.2	32.7
(MNTS, 10, 20,V,V,AH,3)	24.0	-90.5	-2.3	-1.9	0.1	-0.0	110.2	31.7
(MNTS, 10, 50,V,V, P,1)	24.0	-100.0	-2.1	4.7	1.2	0.2	125.2	38.7
(MNTS, 10, 50,V,V, P,3)	24.0	-97.3	-2.1	-1.6	1.2	0.2	116.2	29.7
(MNTS, 10, 50,V,V,AV,1)	24.0	-107.0	-2.1	4.7	1.2	0.2	132.2	45.7
(MNTS, 10, 50,V,V,AV,3)	24.0	-94.3	-2.1	-1.6	1.2	0.2	113.2	26.7
(MNTS, 10, 50,V,V,AH,1)	24.0	-99.8	-2.1	4.7	1.2	0.2	125.0	38.5
(MNTS, 10, 50,V,V,AH,3)	24.0	-93.3	-2.1	-1.6	1.2	0.2	112.2	25.7



COLORADO MOUNTAINS B= 10KM SITE 15

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-21-64	22.75	L1	25%	45.0	65.3

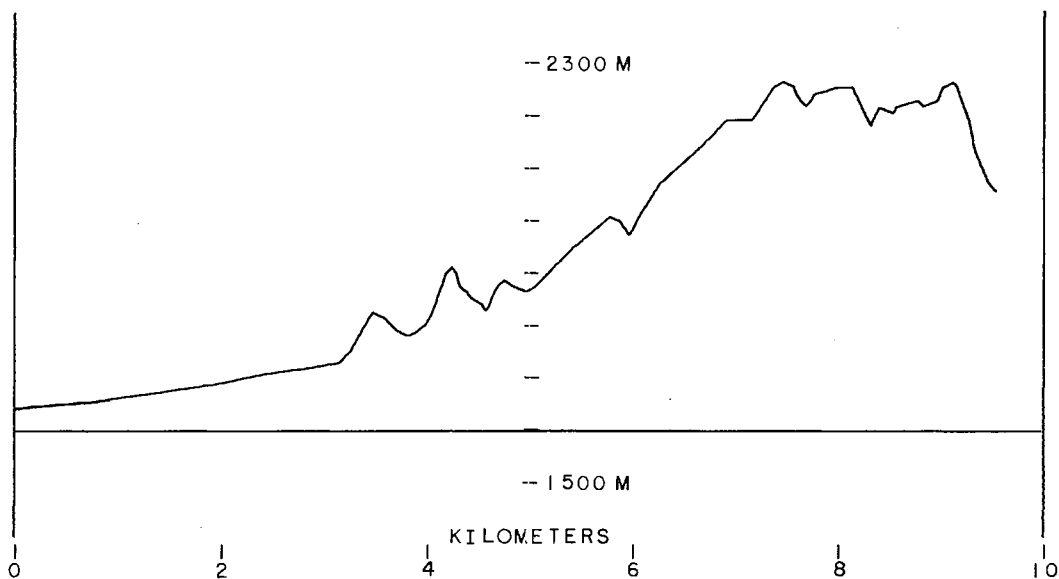
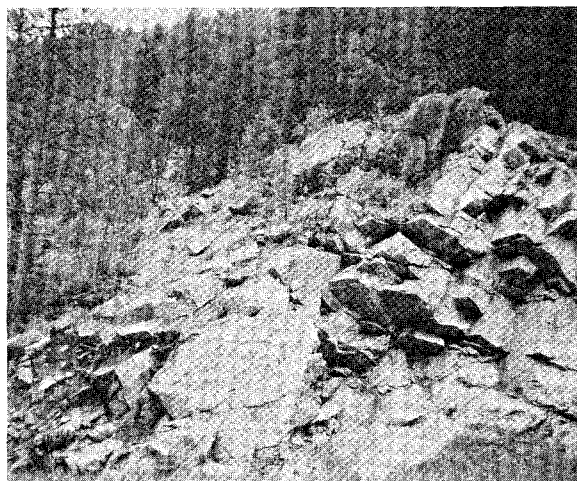
SITE IS ON HIGH GROUND. PINE TREES 30FT HIGH ON PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 10,100,V,V, P,3)	20.0	-95.6	7.6	-1.8	0.9	0.9	125.7	33.1
(MNTS, 10,100,V,V, P,6)	20.0	-88.4	7.6	-1.7	0.9	0.9	118.6	26.0
(MNTS, 10,100,V,V, P,9)	20.0	-86.0	7.6	-2.2	0.9	0.9	115.7	23.1
(MNTS, 10,100,V,V,AV,3)	20.0	-80.0	7.6	-1.8	0.9	0.9	110.1	17.5
(MNTS, 10,100,V,V,AV,6)	20.0	-84.4	7.6	-1.7	0.9	0.9	114.6	22.1
(MNTS, 10,100,V,V,AV,9)	20.0	-93.5	7.6	-2.2	0.9	0.9	123.2	30.6
(MNTS, 10,100,V,V,AH,3)	20.0	-92.9	7.6	-1.8	0.9	0.9	123.0	30.5
(MNTS, 10,100,V,V,AH,6)	20.0	-87.6	7.6	-1.7	0.9	0.9	117.8	25.3
(MNTS, 10,100,V,V,AH,9)	20.0	-88.1	7.6	-2.2	0.9	0.9	117.8	25.2
(MNTS, 10,100,H,V, P,3)	20.0	-104.1	9.6	16.3	0.9	0.9	154.3	61.8
(MNTS, 10,100,H,V, P,6)	20.0	-100.1	9.6	14.6	0.9	0.9	148.6	56.0
(MNTS, 10,100,H,V, P,9)	20.0	-96.6	9.6	16.2	0.9	0.9	146.7	54.1
(MNTS, 10,100,H,V,AV,3)	20.0	-91.4	9.6	16.3	0.9	0.9	141.6	49.1
(MNTS, 10,100,H,V,AV,6)	20.0	-94.1	9.6	14.6	0.9	0.9	142.6	50.0
(MNTS, 10,100,H,V,AV,9)	20.0	-91.4	9.6	16.2	0.9	0.9	141.5	49.0
(MNTS, 10,100,H,V,AH,3)	20.0	-93.8	9.6	16.3	0.9	0.9	144.0	51.4
(MNTS, 10,100,H,V,AH,6)	20.0	-91.2	9.6	14.6	0.9	0.9	139.7	47.1
(MNTS, 10,100,H,V,AH,9)	20.0	-90.2	9.6	16.2	0.9	0.9	140.3	47.7
(MNTS, 10,100,V,H, P,3)	20.0	-102.5	7.6	-21.0	0.9	0.9	113.4	20.9
(MNTS, 10,100,V,H, P,6)	20.0	-100.1	7.6	-16.6	0.9	0.9	115.4	22.8
(MNTS, 10,100,V,H, P,9)	20.0	-100.1	7.6	-15.8	0.9	0.9	116.2	23.6
(MNTS, 10,100,V,H,AV,3)	20.0	-96.2	7.6	-21.0	0.9	0.9	107.1	14.5
(MNTS, 10,100,V,H,AV,6)	20.0	-90.2	7.6	-16.6	0.9	0.9	105.5	12.9
(MNTS, 10,100,V,H,AV,9)	20.0	-92.1	7.6	-15.8	0.9	0.9	108.2	15.7
(MNTS, 10,100,V,H,AH,3)	20.0	-100.1	7.6	-21.0	0.9	0.9	111.0	18.4
(MNTS, 10,100,V,H,AH,6)	20.0	-98.9	7.6	-16.6	0.9	0.9	114.2	21.7
(MNTS, 10,100,V,H,AH,9)	20.0	-97.0	7.6	-15.8	0.9	0.9	113.1	20.5
(MNTS, 10,100,H,H, P,3)	20.0	-89.0	9.6	-0.9	0.9	0.9	122.0	29.5
(MNTS, 10,100,H,H, P,6)	20.0	-85.1	9.6	1.6	0.9	0.9	120.6	28.0
(MNTS, 10,100,H,H, P,9)	20.0	-85.2	9.6	1.1	0.9	0.9	120.2	27.6
(MNTS, 10,100,H,H,AV,3)	20.0	-83.2	9.6	-0.9	0.9	0.9	116.2	23.6
(MNTS, 10,100,H,H,AV,6)	20.0	-83.2	9.6	1.6	0.9	0.9	118.7	26.1
(MNTS, 10,100,H,H,AV,9)	20.0	-89.2	9.6	1.1	0.9	0.9	124.2	31.7
(MNTS, 10,100,H,H,AH,3)	20.0	-82.7	9.6	-0.9	0.9	0.9	115.7	23.1
(MNTS, 10,100,H,H,AH,6)	20.0	-82.7	9.6	1.6	0.9	0.9	118.2	25.6
(MNTS, 10,100,H,H,AH,9)	20.0	-88.7	9.6	1.1	0.9	0.9	123.7	31.2
(KLIR, 49,100,H,H, P,3)	42.2	-77.0		-1.8		0.9	122.6	16.4
(KLIR, 49,100,H,H, P,6)	42.2	-71.0		1.4		0.9	119.8	13.6
(KLIR, 49,100,H,H, P,9)	42.2	-69.4		1.0		0.9	117.8	11.6
(KLIR, 49,100,H,H,AV,3)	42.2	-74.4		-1.8		0.9	120.0	13.8
(KLIR, 49,100,H,H,AV,6)	42.2	-69.0		1.4		0.9	117.8	11.6
(KLIR, 49,100,H,H,AV,9)	42.2	-70.4		1.0		0.9	118.8	12.5
(KLIR, 49,100,H,H,AH,3)	42.2	-74.4		-1.8		0.9	120.0	13.8
(KLIR, 49,100,H,H,AH,6)	42.2	-68.4		1.4		0.9	117.2	10.9
(KLIR, 49,100,H,H,AH,9)	42.2	-68.9		1.0		0.9	117.3	11.0

COLORADO MOUNTAINS B= 10KM SITE 16

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
(MNTS, 10, 20,V,V, P,3)	24.0	-127.5	-4.0	-2.2	0.1	-0.0	145.2	66.7
(MNTS, 10, 20,V,V,AV,3)	24.0	-129.0	-4.0	-2.2	0.1	-0.0	146.7	68.2
(MNTS, 10, 20,V,V,AH,3)	24.0	-126.7	-4.0	-2.2	0.1	-0.0	144.4	65.9
(MNTS, 10, 50,V,V, P,1)	24.0	-123.2	-1.1	0.8	1.2	0.2	145.5	59.0
(MNTS, 10, 50,V,V, P,3)	24.0	-133.0	-1.1	-1.4	1.2	0.2	153.1	66.6
(MNTS, 10, 50,V,V,AV,1)	24.0	-126.2	-1.1	0.8	1.2	0.2	148.5	62.0
(MNTS, 10, 50,V,V,AV,3)	24.0	-120.0	-1.1	-1.4	1.2	0.2	140.1	53.6
(MNTS, 10, 50,V,V,AH,1)	24.0	-119.8	-1.1	0.8	1.2	0.2	142.1	55.6
(MNTS, 10, 50,V,V,AH,3)	24.0	-134.0	-1.1	-1.4	1.2	0.2	154.1	67.6



COLORADO MOUNTAINS R= 10KM SITE 16

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-21-64	23.48	L1	10%	43.3	61.0

SITE HAS POWER LINE DIAGONALLY ACROSS ROAD IN PATH 20FT FROM TRUCK, 18 FT HIGH. 15-WIRE PHONE LINE WEST OF TRUCK 20FT. CREEK DUE WEST OF ROAD. ROCK PILE 100FT HIGH DIRECTLY BEHIND CREEK. TREES AND ROCKS RISING TO ABOUT 500FT, 1/2 MILE IN PATH. TREES ARE DENSE PINE FOREST TO TOP OF MOUNTAIN.

(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, 10,100,V,V, P,3)	20.0	-109.0	7.6	1.8	0.9	0.9	142.7	50.2
(MNTS, 10,100,V,V, P,6)	20.0	-112.4	7.6	-1.1	0.9	0.9	143.2	50.6
(MNTS, 10,100,V,V, P,9)	20.0	-107.2	7.6	-1.0	0.9	0.9	138.1	45.5
(MNTS, 10,100,V,V,AV,3)	20.0	-98.9	7.6	1.8	0.9	0.9	132.6	40.1
(MNTS, 10,100,V,V,AV,6)	20.0	-103.6	7.6	-1.1	0.9	0.9	134.4	41.8
(MNTS, 10,100,V,V,AV,9)	20.0	-101.0	7.6	-1.0	0.9	0.9	131.9	39.4
(MNTS, 10,100,V,V,AH,3)	20.0	-107.5	7.6	1.8	0.9	0.9	141.2	48.6
(MNTS, 10,100,V,V,AH,6)	20.0	-103.9	7.6	-1.1	0.9	0.9	134.7	42.2
(MNTS, 10,100,V,V,AH,9)	20.0	-106.1	7.6	-1.0	0.9	0.9	137.0	44.5
(MNTS, 10,100,H,V, P,3)	20.0	-131.9	9.6	-21.3	0.9	0.9	144.5	51.9
(MNTS, 10,100,H,V, P,6)	20.0	-116.6	9.6	-16.3	0.9	0.9	134.2	41.6
(MNTS, 10,100,H,V, P,9)	20.0	-113.5	9.6	-19.5	0.9	0.9	127.9	35.3
(MNTS, 10,100,H,V,AV,3)	20.0	-125.6	9.6	-21.3	0.9	0.9	138.2	45.7
(MNTS, 10,100,H,V,AV,6)	20.0	-125.6	9.6	-16.3	0.9	0.9	143.2	50.7
(MNTS, 10,100,H,V,AV,9)	20.0	-125.6	9.6	-19.5	0.9	0.9	140.0	47.5
(MNTS, 10,100,H,V,AH,3)	20.0	-111.9	9.6	-21.3	0.9	0.9	124.5	31.9
(MNTS, 10,100,H,V,AH,6)	20.0	-111.0	9.6	-16.3	0.9	0.9	128.6	36.0
(MNTS, 10,100,H,V,AH,9)	20.0	-108.7	9.6	-19.5	0.9	0.9	123.1	30.6
(MNTS, 10,100,V,H, P,3)	20.0	-114.4	7.6	-23.0	0.9	0.9	123.3	30.7
(MNTS, 10,100,V,H, P,6)	20.0	-112.7	7.6	-19.7	0.9	0.9	124.9	32.3
(MNTS, 10,100,V,H, P,9)	20.0	-109.0	7.6	-19.2	0.9	0.9	121.7	29.2
(MNTS, 10,100,V,H,AV,3)	20.0	-109.8	7.6	-23.0	0.9	0.9	118.7	26.1
(MNTS, 10,100,V,H,AV,6)	20.0	-121.4	7.6	-19.7	0.9	0.9	133.6	41.1
(MNTS, 10,100,V,H,AV,9)	20.0	-118.4	7.6	-19.2	0.9	0.9	131.1	38.6
(MNTS, 10,100,V,H,AH,3)	20.0	-106.4	7.6	-23.0	0.9	0.9	115.3	22.7
(MNTS, 10,100,V,H,AH,6)	20.0	-110.6	7.6	-19.7	0.9	0.9	122.8	30.2
(MNTS, 10,100,V,H,AH,9)	20.0	-109.0	7.6	-19.2	0.9	0.9	121.7	29.2
(MNTS, 10,100,H,H, P,3)	20.0	-110.2	9.6	0.2	0.9	0.9	144.3	51.7
(MNTS, 10,100,H,H, P,6)	20.0	-114.4	9.6	1.1	0.9	0.9	149.4	56.8
(MNTS, 10,100,H,H, P,9)	20.0	-115.8	9.6	0.8	0.9	0.9	150.5	57.9
(MNTS, 10,100,H,H,AV,3)	20.0	-115.1	9.6	0.2	0.9	0.9	149.2	56.6
(MNTS, 10,100,H,H,AV,6)	20.0	-110.2	9.6	1.1	0.9	0.9	145.2	52.6
(MNTS, 10,100,H,H,AV,9)	20.0	-119.5	9.6	0.8	0.9	0.9	154.2	61.6
(MNTS, 10,100,H,H,AH,3)	20.0	-109.8	9.6	0.2	0.9	0.9	143.9	51.3
(MNTS, 10,100,H,H,AH,6)	20.0	-107.8	9.6	1.1	0.9	0.9	142.8	50.2
(MNTS, 10,100,H,H,AH,9)	20.0	-112.1	9.6	0.8	0.9	0.9	146.8	54.3
(KLIR, 51,100,H,H, P,3)	42.2	-88.5		0.4		0.9	136.3	29.8
(KLIR, 51,100,H,H, P,6)	42.2	-86.1		1.1		0.9	134.6	28.1
(KLIR, 51,100,H,H, P,9)	42.2	-90.4		0.8		0.9	138.6	32.0
(KLIR, 51,100,H,H,AV,3)	42.2	-88.9		0.4		0.9	136.7	30.1
(KLIR, 51,100,H,H,AV,6)	42.2	-87.8		1.1		0.9	136.3	29.7
(KLIR, 51,100,H,H,AV,9)	42.2	-95.6		0.8		0.9	143.8	37.2
(KLIR, 51,100,H,H,AH,3)	42.2	-91.4		0.4		0.9	139.2	32.7
(KLIR, 51,100,H,H,AH,6)	42.2	-89.0		1.1		0.9	137.5	31.0
(KLIR, 51,100,H,H,AH,9)	42.2	-102.4		0.8		0.9	150.6	44.0

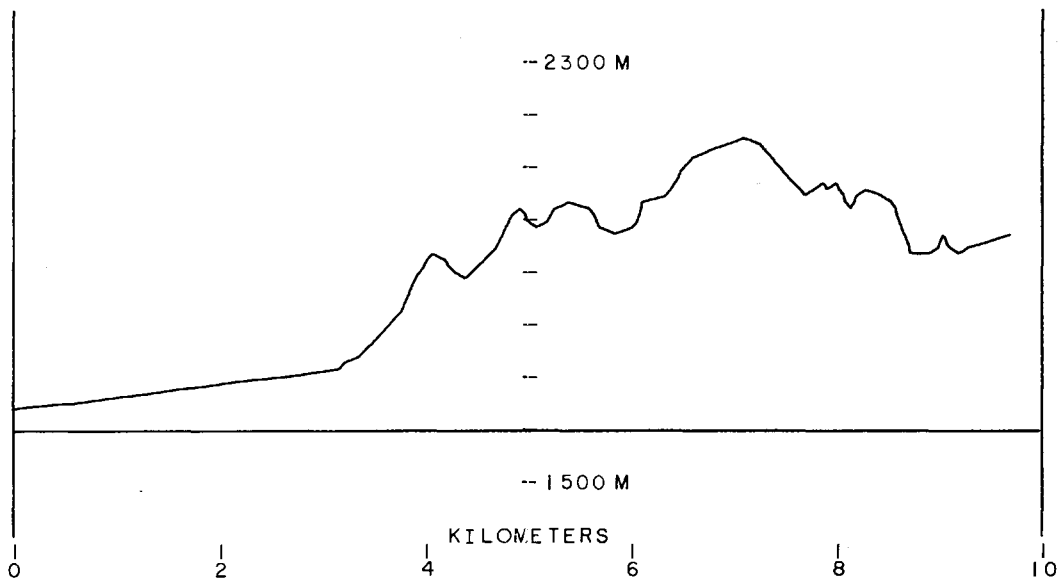
COLORADO MOUNTAINS

B= 10KM

SITE 17

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
(MNTS, 10, 20,V,V, P,3)	24.0	-126.0	-4.2	-1.9	0.1	-0.0	143.8	65.3
(MNTS, 10, 20,V,V,AV,3)	24.0	-117.9	-4.2	-1.9	0.1	-0.0	135.7	57.2
(MNTS, 10, 20,V,V,AH,3)	24.0	-116.3	-4.2	-1.9	0.1	-0.0	134.1	55.6
(MNTS, 10, 50,V,V, P,1)	24.0	-119.0	-0.2	4.0	1.2	0.2	145.4	58.9
(MNTS, 10, 50,V,V, P,3)	24.0	-126.9	-0.2	-2.3	1.2	0.2	147.0	60.5
(MNTS, 10, 50,V,V,AV,1)	24.0	-119.5	-0.2	4.0	1.2	0.2	145.9	59.4
(MNTS, 10, 50,V,V,AV,3)	24.0	-117.0	-0.2	-2.3	1.2	0.2	137.1	50.6
(MNTS, 10, 50,V,V,AH,1)	24.0	-116.7	-0.2	4.0	1.2	0.2	143.1	56.6
(MNTS, 10, 50,V,V,AH,3)	24.0	-116.7	-0.2	-2.3	1.2	0.2	136.8	50.3



COLORADO MOUNTAINS B= 10KM SITE 17

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
06-16-64	23.64	L2,M6	90%	58.5	82.5

SITE IS IN JAMES CREEK CANYON. CANYON WALL SEVERAL HUNDRED FT HIGH IS IN SIGHT PATH. ALMOST VERTICAL WALL IN BACK OF ANTENNA, ALMOST 20FT HIGH, THEN SLOPES UP TO MTN. TOP. 2-WIRE POWER LINE PERPENDICULAR TO PATH ABOUT 30FT FROM ANTENNA, 25FT HIGH. ANTENNA RISES BETWEEN 2 WIRES WHOSE VERTEX IS AT POWER LINE. DISTANCE FROM WIRES IS 8 FT AT 25FT 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
(MNTS, 10,100,V,V, P,3)	30.1	-106.1	7.6	-1.2	0.9	0.9	147.0	54.4
(MNTS, 10,100,V,V, P,6)	30.1	-97.0	7.6	-1.6	0.9	0.9	137.4	44.9
(MNTS, 10,100,V,V, P,9)	30.1	-95.4	7.6	-2.1	0.9	0.9	135.4	42.8
(MNTS, 10,100,V,V,AV,3)	30.1	-96.0	7.6	-1.2	0.9	0.9	136.9	44.3
(MNTS, 10,100,V,V,AV,6)	30.1	-98.1	7.6	-1.6	0.9	0.9	138.6	46.0
(MNTS, 10,100,V,V,AV,9)	30.1	-101.9	7.6	-2.1	0.9	0.9	141.8	49.3
(MNTS, 10,100,V,V,AH,3)	30.1	-98.9	7.6	-1.2	0.9	0.9	139.8	47.2
(MNTS, 10,100,V,V,AH,6)	30.1	-96.0	7.6	-1.6	0.9	0.9	136.5	43.9
(MNTS, 10,100,V,V,AH,9)	30.1	-96.8	7.6	-2.1	0.9	0.9	136.8	44.2
(MNTS, 10,100,H,V, P,3)	30.1	-106.1	9.6	-15.7	0.9	0.9	134.5	41.9
(MNTS, 10,100,H,V, P,6)	30.1	-119.7	9.6	-13.6	0.9	0.9	150.2	57.6
(MNTS, 10,100,H,V, P,9)	30.1	-121.3	9.6	-15.7	0.9	0.9	149.6	57.1
(MNTS, 10,100,H,V,AV,3)	30.1	-105.2	9.6	-15.7	0.9	0.9	133.5	41.0
(MNTS, 10,100,H,V,AV,6)	30.1	-97.9	9.6	-13.6	0.9	0.9	128.4	35.8
(MNTS, 10,100,H,V,AV,9)	30.1	-100.3	9.6	-15.7	0.9	0.9	128.7	36.1
(MNTS, 10,100,H,V,AH,3)	30.1	-106.1	9.6	-15.7	0.9	0.9	134.5	41.9
(MNTS, 10,100,H,V,AH,6)	30.1	-101.7	9.6	-13.6	0.9	0.9	132.2	39.6
(MNTS, 10,100,H,V,AH,9)	30.1	-96.6	9.6	-15.7	0.9	0.9	124.9	32.4
(MNTS, 10,100,V,H, P,3)	30.1	-119.2	7.6	-21.2	0.9	0.9	140.0	47.5
(MNTS, 10,100,V,H, P,6)	30.1	-105.4	7.6	-17.5	0.9	0.9	130.0	37.4
(MNTS, 10,100,V,H, P,9)	30.1	-101.4	7.6	-15.9	0.9	0.9	127.6	35.0
(MNTS, 10,100,V,H,AV,3)	30.1	-117.9	7.6	-21.2	0.9	0.9	138.8	46.2
(MNTS, 10,100,V,H,AV,6)	30.1	-116.6	7.6	-17.5	0.9	0.9	141.1	48.6
(MNTS, 10,100,V,H,AV,9)	30.1	-101.7	7.6	-15.9	0.9	0.9	127.9	35.3
(MNTS, 10,100,V,H,AH,3)	30.1	-98.6	7.6	-21.2	0.9	0.9	119.5	26.9
(MNTS, 10,100,V,H,AH,6)	30.1	-100.5	7.6	-17.5	0.9	0.9	125.0	32.5
(MNTS, 10,100,V,H,AH,9)	30.1	-97.9	7.6	-15.9	0.9	0.9	124.1	31.5
(MNTS, 10,100,H,H, P,3)	30.1	-97.5	9.6	-1.2	0.9	0.9	140.4	47.8
(MNTS, 10,100,H,H, P,6)	30.1	-91.0	9.6	1.6	0.9	0.9	136.6	44.1
(MNTS, 10,100,H,H, P,9)	30.1	-88.7	9.6	1.1	0.9	0.9	133.8	41.3
(MNTS, 10,100,H,H,AV,3)	30.1	-94.1	9.6	-1.2	0.9	0.9	136.9	44.4
(MNTS, 10,100,H,H,AV,6)	30.1	-88.7	9.6	1.6	0.9	0.9	134.3	41.8
(MNTS, 10,100,H,H,AV,9)	30.1	-86.9	9.6	1.1	0.9	0.9	132.0	39.5
(MNTS, 10,100,H,H,AH,3)	30.1	-85.4	9.6	-1.2	0.9	0.9	128.3	35.7
(MNTS, 10,100,H,H,AH,6)	30.1	-86.4	9.6	1.6	0.9	0.9	132.0	39.5
(MNTS, 10,100,H,H,AH,9)	30.1	-86.4	9.6	1.1	0.9	0.9	131.5	39.0
(KLIR, 53,100,H,H, P,3)	42.2	-104.1		-2.0		0.9	149.5	42.6
(KLIR, 53,100,H,H, P,6)	42.2	-108.1		1.5		0.9	157.0	50.1
(KLIR, 53,100,H,H, P,9)	42.2	-109.4		1.1		0.9	157.9	51.0
(KLIR, 53,100,H,H,AV,3)	42.2	-103.7		-2.0		0.9	149.1	42.2
(KLIR, 53,100,H,H,AV,6)	42.2	-106.1		1.5		0.9	155.0	48.1
(KLIR, 53,100,H,H,AV,9)	42.2	-108.7		1.1		0.9	157.2	50.3
(KLIR, 53,100,H,H,AH,3)	42.2	-95.8		-2.0		0.9	141.2	34.3
(KLIR, 53,100,H,H,AH,6)	42.2	-107.8		1.5		0.9	156.7	49.8
(KLIR, 53,100,H,H,AH,9)	42.2	-99.2		1.1		0.9	147.7	40.8

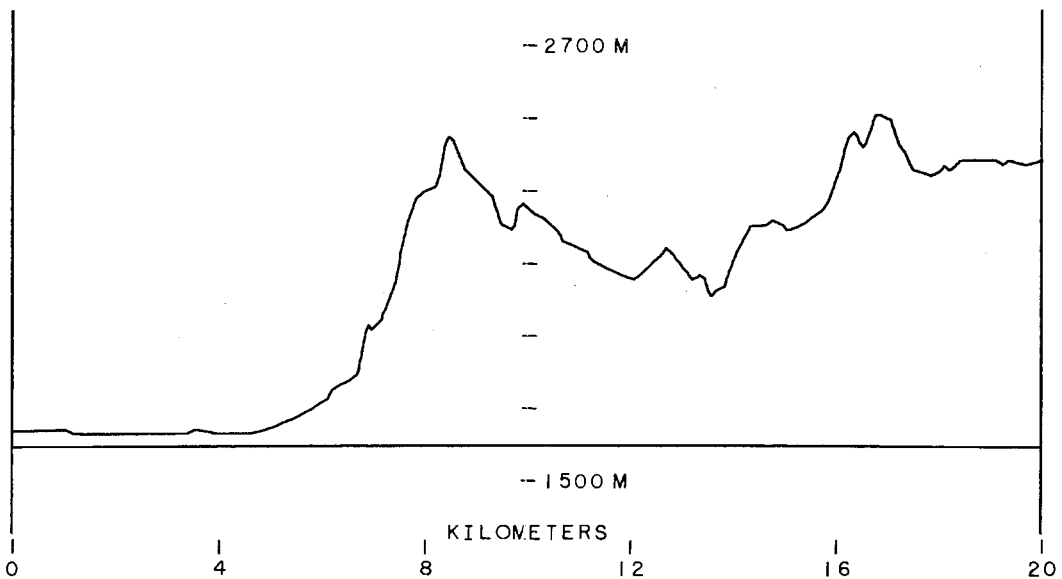
COLORADO MOUNTAINS

B= 20KM

SITE 21

DATE 10-21-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20, 20,V,V, P,3)	24.0	-121.8	-3.8	-1.9	0.1	-0.0	140.0	55.5
(MNTS, 20, 20,V,V,AV,3)	24.0	-120.3	-3.8	-1.9	0.1	-0.0	138.5	54.0
(MNTS, 20, 20,V,V,AH,3)	24.0	-128.2	-3.8	-1.9	0.1	-0.0	146.4	61.9
(MNTS, 20, 50,V,V, P,1)	24.0	-127.0	-2.2	5.4	1.2	0.2	152.8	60.3
(MNTS, 20, 50,V,V, P,3)	24.0	-147.0	-2.2	-1.3	1.2	0.2	166.1	73.6
(MNTS, 20, 50,V,V,AV,1)	24.0	-120.9	-2.2	5.4	1.2	0.2	146.7	54.2
(MNTS, 20, 50,V,V,AV,3)	24.0	-126.8	-2.2	-1.3	1.2	0.2	145.9	53.4
(MNTS, 20, 50,V,V,AH,1)	24.0	-119.9	-2.2	5.4	1.2	0.2	145.7	53.2
(MNTS, 20, 50,V,V,AH,3)	24.0	-128.0	-2.2	-1.3	1.2	0.2	147.1	54.6



COLORADO MOUNTAINS B= 20KM SITE 21

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-26-63	22.45	L1	10%	52.2	78.8

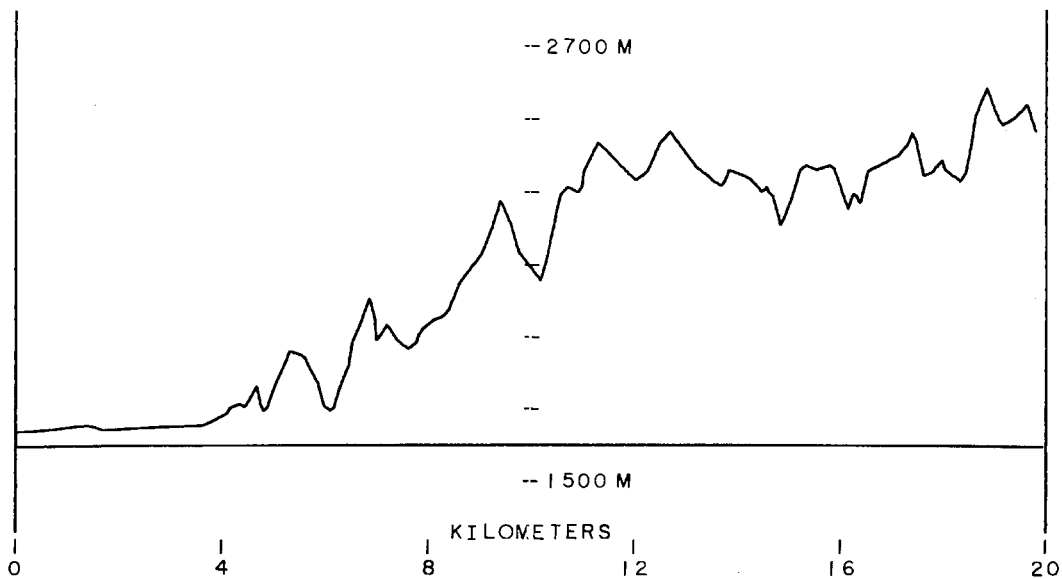
40 TO 60FT TREES IN PATH. HORIZON 3MI.

(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	-123.0	7.6	-2.4	0.9	0.9	162.7	64.1
(MNTS, 20,100,V,V, P,6)	30.1	-123.0	7.6	-1.9	0.9	0.9	163.2	64.6
(MNTS, 20,100,V,V, P,9)	30.1	-123.0	7.6	-2.2	0.9	0.9	162.9	64.3
(MNTS, 20,100,V,V,AV,3)	30.1	-102.2	7.6	-2.4	0.9	0.9	141.8	43.3
(MNTS, 20,100,V,V,AV,6)	30.1	-103.6	7.6	-1.9	0.9	0.9	143.7	45.1
(MNTS, 20,100,V,V,AV,9)	30.1	-109.0	7.6	-2.2	0.9	0.9	148.9	50.3
(MNTS, 20,100,V,V,AH,3)	30.1	-113.5	7.6	-2.4	0.9	0.9	153.1	54.6
(MNTS, 20,100,V,V,AH,6)	30.1	-105.4	7.6	-1.9	0.9	0.9	145.6	47.0
(MNTS, 20,100,V,V,AH,9)	30.1	-105.4	7.6	-2.2	0.9	0.9	145.3	46.7
(MNTS, 20,100,H,V, P,3)	30.1	-121.6	9.6	-20.3	0.9	0.9	145.3	46.8
(MNTS, 20,100,H,V, P,6)	30.1	-114.1	9.6	-16.5	0.9	0.9	141.6	43.1
(MNTS, 20,100,H,V, P,9)	30.1	-114.1	9.6	-20.1	0.9	0.9	138.0	39.5
(MNTS, 20,100,H,V,AV,3)	30.1	-121.0	9.6	-20.3	0.9	0.9	144.8	46.2
(MNTS, 20,100,H,V,AV,6)	30.1	-118.4	9.6	-16.5	0.9	0.9	146.0	47.4
(MNTS, 20,100,H,V,AV,9)	30.1	-121.0	9.6	-20.1	0.9	0.9	145.0	46.4
(MNTS, 20,100,H,V,AH,3)	30.1	-118.9	9.6	-20.3	0.9	0.9	142.7	44.1
(MNTS, 20,100,H,V,AH,6)	30.1	-118.9	9.6	-16.5	0.9	0.9	146.5	47.9
(MNTS, 20,100,H,V,AH,9)	30.1	-118.9	9.6	-20.1	0.9	0.9	142.9	44.3
(MNTS, 20,100,V,H, P,3)	30.1	-115.8	7.6	-20.5	0.9	0.9	137.3	38.8
(MNTS, 20,100,V,H, P,6)	30.1	-112.7	7.6	-16.0	0.9	0.9	138.7	40.1
(MNTS, 20,100,V,H, P,9)	30.1	-117.9	7.6	-15.7	0.9	0.9	144.3	45.7
(MNTS, 20,100,V,H,AV,3)	30.1	-119.5	7.6	-20.5	0.9	0.9	141.0	42.5
(MNTS, 20,100,V,H,AV,6)	30.1	-109.0	7.6	-16.0	0.9	0.9	135.1	36.5
(MNTS, 20,100,V,H,AV,9)	30.1	-114.4	7.6	-15.7	0.9	0.9	140.7	42.2
(MNTS, 20,100,V,H,AH,3)	30.1	-112.4	7.6	-20.5	0.9	0.9	133.9	35.4
(MNTS, 20,100,V,H,AH,6)	30.1	-109.0	7.6	-16.0	0.9	0.9	135.1	36.5
(MNTS, 20,100,V,H,AH,9)	30.1	-109.8	7.6	-15.7	0.9	0.9	136.1	37.5
(MNTS, 20,100,H,H, P,3)	30.1	-103.7	9.6	-0.6	0.9	0.9	147.2	48.6
(MNTS, 20,100,H,H, P,6)	30.1	-100.2	9.6	1.6	0.9	0.9	145.9	47.3
(MNTS, 20,100,H,H, P,9)	30.1	-103.4	9.6	1.1	0.9	0.9	148.5	50.0
(MNTS, 20,100,H,H,AV,3)	30.1	-109.8	9.6	-0.6	0.9	0.9	153.2	54.6
(MNTS, 20,100,H,H,AV,6)	30.1	-108.4	9.6	1.6	0.9	0.9	154.0	55.5
(MNTS, 20,100,H,H,AV,9)	30.1	-121.4	9.6	1.1	0.9	0.9	166.6	68.0
(MNTS, 20,100,H,H,AH,3)	30.1	-99.6	9.6	-0.6	0.9	0.9	143.1	44.5
(MNTS, 20,100,H,H,AH,6)	30.1	-97.0	9.6	1.6	0.9	0.9	142.6	44.1
(MNTS, 20,100,H,H,AH,9)	30.1	-99.2	9.6	1.1	0.9	0.9	144.3	45.7
(KLIR, 34,100,H,H, P,3)	42.2	-116.2		0.4		0.9	164.0	61.0
(KLIR, 34,100,H,H, P,6)	42.2	-109.8		1.1		0.9	158.3	55.3
(KLIR, 34,100,H,H, P,9)	42.2	-112.4		0.7		0.9	160.5	57.5
(KLIR, 34,100,H,H,AV,3)	42.2	-116.2		0.4		0.9	164.0	61.0
(KLIR, 34,100,H,H,AV,6)	42.2	-117.0		1.1		0.9	165.5	62.5
(KLIR, 34,100,H,H,AV,9)	42.2	-116.2		0.7		0.9	164.3	61.3
(KLIR, 34,100,H,H,AH,3)	42.2	-116.2		0.4		0.9	164.0	61.0
(KLIR, 34,100,H,H,AH,6)	42.2	-116.6		1.1		0.9	165.1	62.1
(KLIR, 34,100,H,H,AH,9)	42.2	-116.2		0.7		0.9	164.3	61.3

COLORADO MOUNTAINS B= 20KM SITE 22

DATE 10-21-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20, 20,V,V, P,3)	24.0	-143.2	-3.2	-3.0	0.1	-0.0	160.9	76.4
(MNTS, 20, 20,V,V,AV,3)	24.0	-143.2	-3.2	-3.0	0.1	-0.0	160.9	76.4
(MNTS, 20, 20,V,V,AH,3)	24.0	-143.2	-3.2	-3.0	0.1	-0.0	160.9	76.4
(MNTS, 20, 50,V,V, P,1)	24.0	-137.9	-2.2	1.9	1.2	0.2	160.2	67.7
(MNTS, 20, 50,V,V, P,3)	24.0	-137.0	-2.2	3.0	1.2	0.2	160.4	67.9
(MNTS, 20, 50,V,V,AV,1)	24.0	-137.9	-2.2	1.9	1.2	0.2	160.2	67.7
(MNTS, 20, 50,V,V,AV,3)	24.0	-137.0	-2.2	3.0	1.2	0.2	160.4	67.9
(MNTS, 20, 50,V,V,AH,1)	24.0	-137.9	-2.2	1.9	1.2	0.2	160.2	67.7
(MNTS, 20, 50,V,V,AH,3)	24.0	-137.0	-2.2	3.0	1.2	0.2	160.4	67.9



COLORADO MOUNTAINS B= 20KM SITE 22

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
08-25-63	22.45	L1,H1	60%	48.0	67.0

TREES AND ROCK TOWARD TRANSMITTER SITE, 700FT HIGH, HORIZON 1/4MI

(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	-118.1	7.6	-0.5	0.9	0.9	159.7	61.1
(MNTS, 20,100,V,V, P,6)	30.1	-117.0	7.6	-1.1	0.9	0.9	157.9	59.4
(MNTS, 20,100,V,V, P,9)	30.1	-117.0	7.6	-1.6	0.9	0.9	157.4	58.9
(MNTS, 20,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,V, P,3)	30.1	-131.4	9.6	-20.5	0.9	0.9	155.0	56.4
(MNTS, 20,100,H,V, P,6)	30.1	-129.8	9.6	-14.5	0.9	0.9	159.3	60.7
(MNTS, 20,100,H,V, P,9)	30.1	-128.4	9.6	-17.5	0.9	0.9	154.9	56.4
(MNTS, 20,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,H, P,3)	30.1	-134.1	7.6	-16.0	0.9	0.9	160.1	61.6
(MNTS, 20,100,V,H, P,6)	30.1	-123.7	7.6	-17.8	0.9	0.9	148.0	49.4
(MNTS, 20,100,V,H, P,9)	30.1	-126.9	7.6	-17.1	0.9	0.9	151.8	53.3
(MNTS, 20,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 20,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,H, P,3)	30.1	-125.6	9.6	1.1	0.9	0.9	170.8	72.2
(MNTS, 20,100,H,H, P,6)	30.1	-141.7	9.6	1.4	0.9	0.9	187.2	88.6
(MNTS, 20,100,H,H, P,9)	30.1	-129.8	9.6	1.0	0.9	0.9	174.8	76.2
(MNTS, 20,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 20,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 40,100,H,H, P,3)	42.2	-120.1		-0.3		0.9	167.2	62.7
(KLIR, 40,100,H,H, P,6)	42.2	-121.0		1.2		0.9	169.6	65.1
(KLIR, 40,100,H,H, P,9)	42.2	-116.8		0.8		0.9	165.0	60.5
(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

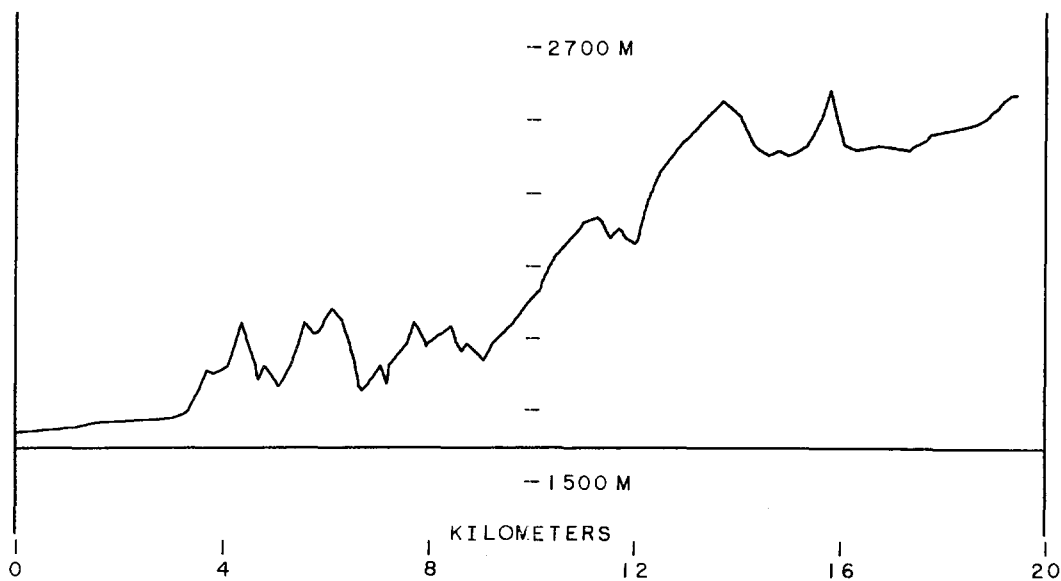
COLORADO MOUNTAINS

B= 20KM

SITE 23

DATE 10-21-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20, 20,V,V, P,3)	24.0	-119.1	-2.8	-0.9	0.1	-0.0	139.3	54.8
(MNTS, 20, 20,V,V,AV,3)	24.0	-128.0	-2.8	-0.9	0.1	-0.0	148.2	63.7
(MNTS, 20, 20,V,V,AH,3)	24.0	-119.1	-2.8	-0.9	0.1	-0.0	139.3	54.8
(MNTS, 20, 50,V,V, P,1)	24.0	-129.0	-2.2	2.1	1.2	0.2	151.5	59.0
(MNTS, 20, 50,V,V, P,3)	24.0	-120.8	-2.2	5.5	1.2	0.2	146.7	54.2
(MNTS, 20, 50,V,V,AV,1)	24.0	-130.1	-2.2	2.1	1.2	0.2	152.6	60.1
(MNTS, 20, 50,V,V,AV,3)	24.0	-125.8	-2.2	5.5	1.2	0.2	151.7	59.2
(MNTS, 20, 50,V,V,AH,1)	24.0	-129.0	-2.2	2.1	1.2	0.2	151.5	59.0
(MNTS, 20, 50,V,V,AH,3)	24.0	-120.8	-2.2	5.5	1.2	0.2	146.7	54.2



COLORADO MOUNTAINS B= 20KM SITE 23

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-25-63	22.16	L1,H1	95%	48.0	65.0

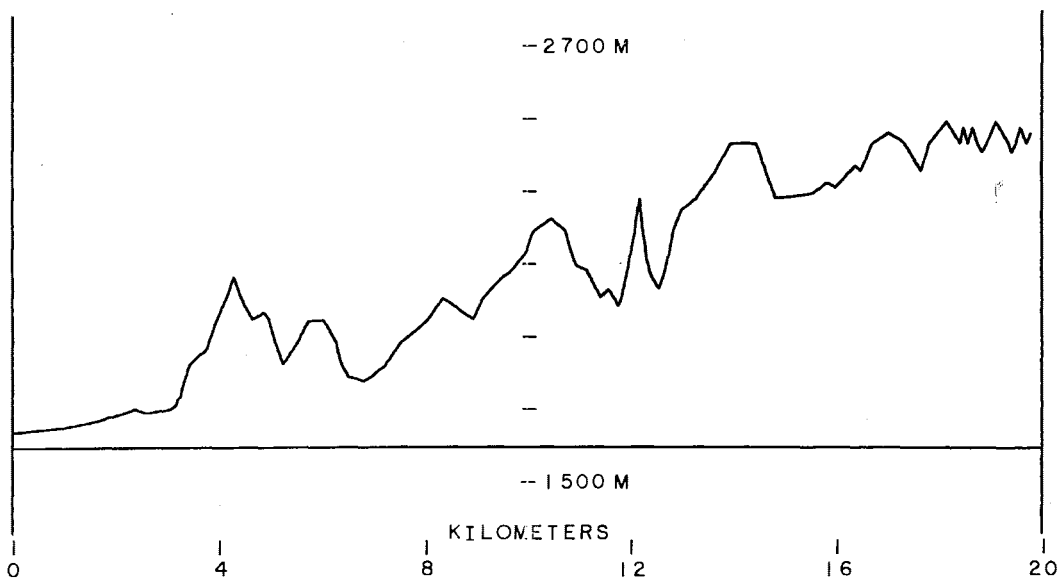
VERY DENSE GROWTH OF TREES IN PATH. SITE IS NEAR THE HILLTOP BUT TREES BLOCK VIEW.

(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	-115.8	7.6	0.2	0.9	0.9	158.0	59.5
(MNTS, 20,100,V,V, P,6)	30.1	-111.4	7.6	-1.2	0.9	0.9	152.3	53.7
(MNTS, 20,100,V,V, P,9)	30.1	-105.4	7.6	-1.6	0.9	0.9	145.9	47.3
(MNTS, 20,100,V,V,AV,3)	30.1	-99.0	7.6	0.2	0.9	0.9	141.3	42.7
(MNTS, 20,100,V,V,AV,6)	30.1	-101.9	7.6	-1.2	0.9	0.9	142.7	44.2
(MNTS, 20,100,V,V,AV,9)	30.1	-101.9	7.6	-1.6	0.9	0.9	142.3	43.8
(MNTS, 20,100,V,V,AH,3)	30.1	-99.0	7.6	0.2	0.9	0.9	141.3	42.7
(MNTS, 20,100,V,V,AH,6)	30.1	-101.9	7.6	-1.2	0.9	0.9	142.7	44.2
(MNTS, 20,100,V,V,AH,9)	30.1	-101.9	7.6	-1.6	0.9	0.9	142.3	43.8
(MNTS, 20,100,H,V, P,3)	30.1	-123.6	9.6	-21.5	0.9	0.9	146.1	47.5
(MNTS, 20,100,H,V, P,6)	30.1	-123.6	9.6	-17.0	0.9	0.9	150.6	52.0
(MNTS, 20,100,H,V, P,9)	30.1	-123.6	9.6	-21.0	0.9	0.9	146.6	48.0
(MNTS, 20,100,H,V,AV,3)	30.1	-112.4	9.6	-21.5	0.9	0.9	134.9	36.4
(MNTS, 20,100,H,V,AV,6)	30.1	-120.3	9.6	-17.0	0.9	0.9	147.4	48.8
(MNTS, 20,100,H,V,AV,9)	30.1	-129.0	9.6	-21.0	0.9	0.9	152.1	53.5
(MNTS, 20,100,H,V,AH,3)	30.1	-112.4	9.6	-21.5	0.9	0.9	134.9	36.4
(MNTS, 20,100,H,V,AH,6)	30.1	-120.3	9.6	-17.0	0.9	0.9	147.4	48.8
(MNTS, 20,100,H,V,AH,9)	30.1	-129.0	9.6	-21.0	0.9	0.9	152.1	53.5
(MNTS, 20,100,V,H, P,3)	30.1	-116.2	7.6	-17.3	0.9	0.9	140.9	42.4
(MNTS, 20,100,V,H, P,6)	30.1	-112.7	7.6	-15.5	0.9	0.9	139.2	40.6
(MNTS, 20,100,V,H, P,9)	30.1	-106.9	7.6	-15.9	0.9	0.9	133.0	34.5
(MNTS, 20,100,V,H,AV,3)	30.1	-110.2	7.6	-17.3	0.9	0.9	134.9	36.3
(MNTS, 20,100,V,H,AV,6)	30.1	-109.0	7.6	-15.5	0.9	0.9	135.6	37.0
(MNTS, 20,100,V,H,AV,9)	30.1	-109.4	7.6	-15.9	0.9	0.9	135.5	37.0
(MNTS, 20,100,V,H,AH,3)	30.1	-110.2	7.6	-17.3	0.9	0.9	134.9	36.3
(MNTS, 20,100,V,H,AH,6)	30.1	-109.0	7.6	-15.5	0.9	0.9	135.6	37.0
(MNTS, 20,100,V,H,AH,9)	30.1	-109.4	7.6	-15.9	0.9	0.9	135.5	37.0
(MNTS, 20,100,H,H, P,3)	30.1	-109.8	9.6	1.5	0.9	0.9	155.3	56.7
(MNTS, 20,100,H,H, P,6)	30.1	-103.0	9.6	1.4	0.9	0.9	148.5	49.9
(MNTS, 20,100,H,H, P,9)	30.1	-100.1	9.6	1.2	0.9	0.9	145.3	46.8
(MNTS, 20,100,H,H,AV,3)	30.1	-95.1	9.6	1.5	0.9	0.9	140.6	42.0
(MNTS, 20,100,H,H,AV,6)	30.1	-94.1	9.6	1.4	0.9	0.9	139.5	41.0
(MNTS, 20,100,H,H,AV,9)	30.1	-94.1	9.6	1.2	0.9	0.9	139.3	40.8
(MNTS, 20,100,H,H,AH,3)	30.1	-95.1	9.6	1.5	0.9	0.9	140.6	42.0
(MNTS, 20,100,H,H,AH,6)	30.1	-94.1	9.6	1.4	0.9	0.9	139.5	41.0
(MNTS, 20,100,H,H,AH,9)	30.1	-94.1	9.6	1.2	0.9	0.9	139.3	40.8
(KLIR, 44,100,H,H, P,3)	42.2	-117.9		0.8		0.9	166.1	60.8
(KLIR, 44,100,H,H, P,6)	42.2	-111.9		1.4		0.9	160.7	55.4
(KLIR, 44,100,H,H, P,9)	42.2	-108.7		1.0		0.9	157.1	51.8
(KLIR, 44,100,H,H,AV,3)	42.2	-105.9		0.8		0.9	154.1	48.8
(KLIR, 44,100,H,H,AV,6)	42.2	-99.9		1.4		0.9	148.7	43.3
(KLIR, 44,100,H,H,AV,9)	42.2	-97.9		1.0		0.9	146.3	41.0
(KLIR, 44,100,H,H,AH,3)	42.2	-105.9		0.8		0.9	154.1	48.8
(KLIR, 44,100,H,H,AH,6)	42.2	-99.9		1.4		0.9	148.7	43.3
(KLIR, 44,100,H,H,AH,9)	42.2	-97.9		1.0		0.9	146.3	41.0

COLORADO MOUNTAINS B= 20KM SITE 24

DATE 10-21-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20, 20,V,V, P,3)	24.0	-135.4	-2.7	0.2	0.1	-0.0	156.8	72.3
(MNTS, 20, 20,V,V,AV,3)	24.0	-135.2	-2.7	0.2	0.1	-0.0	156.6	72.1
(MNTS, 20, 20,V,V,AH,3)	24.0	-135.8	-2.7	0.2	0.1	-0.0	157.2	72.7
(MNTS, 20, 50,V,V, P,1)	24.0	-142.5	-2.2	-1.5	1.2	0.2	161.4	68.9
(MNTS, 20, 50,V,V, P,3)	24.0	-136.8	-2.2	-1.5	1.2	0.2	155.7	63.2
(MNTS, 20, 50,V,V,AV,1)	24.0	-142.9	-2.2	-1.5	1.2	0.2	161.8	69.3
(MNTS, 20, 50,V,V,AV,3)	24.0	-135.8	-2.2	-1.5	1.2	0.2	154.7	62.2
(MNTS, 20, 50,V,V,AH,1)	24.0	-142.9	-2.2	-1.5	1.2	0.2	161.8	69.3
(MNTS, 20, 50,V,V,AH,3)	24.0	-140.9	-2.2	-1.5	1.2	0.2	159.8	67.3



COLORADO MOUNTAINS B= 20KM SITE 24

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
08-25-63	22.57	L1	5%	49.0	70.9

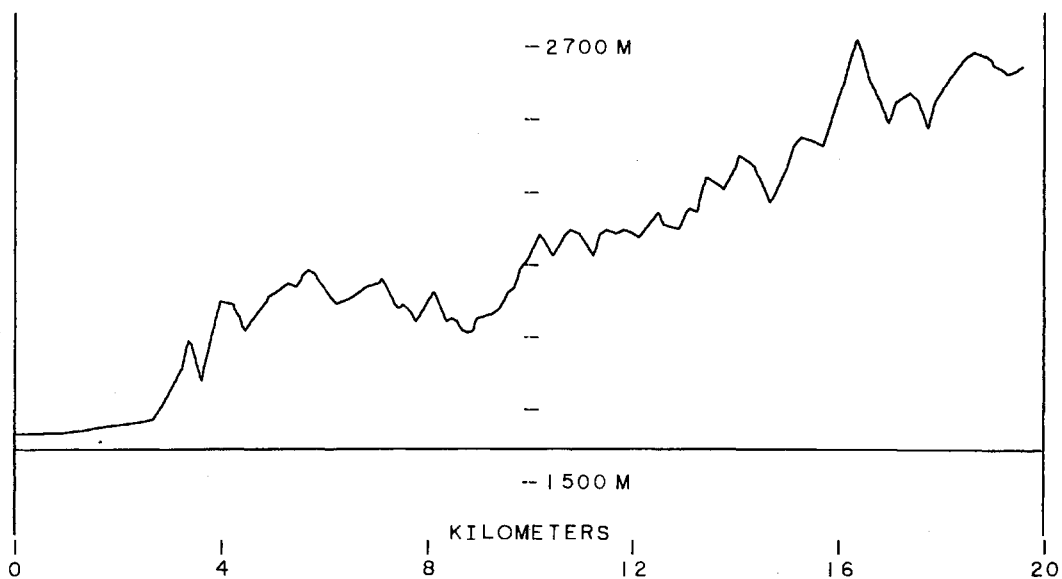
PATH CLEAR FOR 150YDS, THEN TREE AND ROCK COVER TO HORIZON AT 1MI.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20,100,V,V, P,3)	30.1	-126.1	7.6	0.6	0.9	0.9	168.8	70.2
(MNTS, 20,100,V,V, P,6)	30.1	-132.7	7.6	-0.8	0.9	0.9	173.9	75.3
(MNTS, 20,100,V,V, P,9)	30.1	-132.7	7.6	-1.4	0.9	0.9	173.3	74.7
(MNTS, 20,100,V,V,AV,3)	30.1	-125.2	7.6	0.6	0.9	0.9	167.8	69.3
(MNTS, 20,100,V,V,AV,6)	30.1	-127.5	7.6	-0.8	0.9	0.9	168.7	70.1
(MNTS, 20,100,V,V,AV,9)	30.1	-123.9	7.6	-1.4	0.9	0.9	164.6	66.0
(MNTS, 20,100,V,V,AH,3)	30.1	-126.1	7.6	0.6	0.9	0.9	168.8	70.2
(MNTS, 20,100,V,V,AH,6)	30.1	-122.2	7.6	-0.8	0.9	0.9	163.4	64.9
(MNTS, 20,100,V,V,AH,9)	30.1	-117.9	7.6	-1.4	0.9	0.9	158.6	60.0
(MNTS, 20,100,H,V, P,3)	30.1	-141.2	9.6	-19.6	0.9	0.9	165.6	67.0
(MNTS, 20,100,H,V, P,6)	30.1	-145.0	9.6	-17.4	0.9	0.9	171.6	73.0
(MNTS, 20,100,H,V, P,9)	30.1	-139.2	9.6	-21.4	0.9	0.9	161.8	63.2
(MNTS, 20,100,H,V,AV,3)	30.1	-133.2	9.6	-19.6	0.9	0.9	157.6	59.1
(MNTS, 20,100,H,V,AV,6)	30.1	-138.4	9.6	-17.4	0.9	0.9	165.1	66.5
(MNTS, 20,100,H,V,AV,9)	30.1	-133.2	9.6	-21.4	0.9	0.9	155.8	57.3
(MNTS, 20,100,H,V,AH,3)	30.1	-131.0	9.6	-19.6	0.9	0.9	155.4	56.9
(MNTS, 20,100,H,V,AH,6)	30.1	-129.4	9.6	-17.4	0.9	0.9	156.0	57.5
(MNTS, 20,100,H,V,AH,9)	30.1	-132.9	9.6	-21.4	0.9	0.9	155.6	57.0
(MNTS, 20,100,V,H, P,3)	30.1	-146.1	7.6	-22.8	0.9	0.9	165.4	66.8
(MNTS, 20,100,V,H, P,6)	30.1	-140.1	7.6	-16.2	0.9	0.9	165.9	67.4
(MNTS, 20,100,V,H, P,9)	30.1	-137.9	7.6	-16.9	0.9	0.9	163.1	64.5
(MNTS, 20,100,V,H,AV,3)	30.1	-133.5	7.6	-22.8	0.9	0.9	152.7	54.2
(MNTS, 20,100,V,H,AV,6)	30.1	-140.7	7.6	-16.2	0.9	0.9	166.6	68.0
(MNTS, 20,100,V,H,AV,9)	30.1	-145.0	7.6	-16.9	0.9	0.9	170.1	71.5
(MNTS, 20,100,V,H,AH,3)	30.1	-132.1	7.6	-22.8	0.9	0.9	151.4	52.8
(MNTS, 20,100,V,H,AH,6)	30.1	-144.7	7.6	-16.2	0.9	0.9	170.6	72.0
(MNTS, 20,100,V,H,AH,9)	30.1	-134.1	7.6	-16.9	0.9	0.9	159.2	60.7
(MNTS, 20,100,H,H, P,3)	30.1	-135.8	9.6	0.4	0.9	0.9	180.2	81.7
(MNTS, 20,100,H,H, P,6)	30.1	-135.8	9.6	1.1	0.9	0.9	180.9	82.4
(MNTS, 20,100,H,H, P,9)	30.1	-135.8	9.6	0.8	0.9	0.9	180.6	82.1
(MNTS, 20,100,H,H,AV,3)	30.1	-125.0	9.6	0.4	0.9	0.9	169.4	70.8
(MNTS, 20,100,H,H,AV,6)	30.1	-127.2	9.6	1.1	0.9	0.9	172.3	73.8
(MNTS, 20,100,H,H,AV,9)	30.1	-121.2	9.6	0.8	0.9	0.9	166.0	67.4
(MNTS, 20,100,H,H,AH,3)	30.1	-118.4	9.6	0.4	0.9	0.9	162.9	64.3
(MNTS, 20,100,H,H,AH,6)	30.1	-121.3	9.6	1.1	0.9	0.9	166.4	67.9
(MNTS, 20,100,H,H,AH,9)	30.1	-120.7	9.6	0.8	0.9	0.9	165.6	67.0
(KLIR, 47,100,H,H, P,3)	42.2	-134.7		0.8		0.9	182.9	77.0
(KLIR, 47,100,H,H, P,6)	42.2	-134.7		1.7		0.9	183.8	77.9
(KLIR, 47,100,H,H, P,9)	42.2	-128.1		1.4		0.9	176.9	71.0
(KLIR, 47,100,H,H,AV,3)	42.2	-133.5		0.8		0.9	181.7	75.8
(KLIR, 47,100,H,H,AV,6)	42.2	-130.2		1.7		0.9	179.3	73.4
(KLIR, 47,100,H,H,AV,9)	42.2	-130.2		1.4		0.9	179.0	73.1
(KLIR, 47,100,H,H,AH,3)	42.2	-129.8		0.8		0.9	178.0	72.1
(KLIR, 47,100,H,H,AH,6)	42.2	-123.0		1.7		0.9	172.1	66.2
(KLIR, 47,100,H,H,AH,9)	42.2	-125.0		1.4		0.9	173.8	67.9

COLORADO MOUNTAINS B= 20KM SITE 25

DATE 10-22-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20, 20,V,V, P,3)	24.0	-125.9	-2.2	1.4	0.1	-0.0	149.0	64.5
(MNTS, 20, 20,V,V,AV,3)	24.0	-126.4	-2.2	1.0	0.1	-0.0	149.1	64.6
(MNTS, 20, 20,V,V,AH,3)	24.0	-127.9	-2.2	1.0	0.1	-0.0	150.6	66.1
(MNTS, 20, 50,V,V, P,1)	24.0	-143.4	-2.2	-3.2	1.2	0.2	160.6	68.1
(MNTS, 20, 50,V,V, P,3)	24.0	-143.1	-2.2	6.8	1.2	0.2	170.3	77.8
(MNTS, 20, 50,V,V,AV,1)	24.0	-145.6	-2.2	-1.0	1.2	0.2	165.0	72.5
(MNTS, 20, 50,V,V,AV,3)	24.0	-128.2	-2.2	6.9	1.2	0.2	155.5	63.0
(MNTS, 20, 50,V,V,AH,1)	24.0	-135.2	-2.2	-1.0	1.2	0.2	154.6	62.1
(MNTS, 20, 50,V,V,AH,3)	24.0	-130.9	-2.2	6.9	1.2	0.2	158.2	65.7



COLORADO MOUNTAINS B= 20KM SITE 25

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN	
DATE	PRESSURE	TYPE	PERCENT	WET	DRY
08-27-64	21.52	L1,H1	80%	47.5	52.3

ROLLING MOUNTAINS TREE-COVERED AND CLOUD-TOPPED. HORIZON 3MI.

(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	-110.2	7.6	0.8	0.9	0.9	153.0	54.4
(MNTS, 20,100,V,V, P,6)	30.1	-108.1	7.6	-0.4	0.9	0.9	149.7	51.1
(MNTS, 20,100,V,V, P,9)	30.1	-107.5	7.6	-1.2	0.9	0.9	148.3	49.7
(MNTS, 20,100,V,V,AV,3)	30.1	-101.4	7.6	0.8	0.9	0.9	144.3	45.7
(MNTS, 20,100,V,V,AV,6)	30.1	-103.0	7.6	-0.6	0.9	0.9	144.5	45.9
(MNTS, 20,100,V,V,AV,9)	30.1	-105.6	7.6	-1.2	0.9	0.9	146.5	47.9
(MNTS, 20,100,V,V,AH,3)	30.1	-109.8	7.6	0.8	0.9	0.9	152.6	54.0
(MNTS, 20,100,V,V,AH,6)	30.1	-109.8	7.6	-0.6	0.9	0.9	151.2	52.6
(MNTS, 20,100,V,V,AH,9)	30.1	-109.8	7.6	-1.2	0.9	0.9	150.6	52.0
(MNTS, 20,100,H,V, P,3)	30.1	-115.4	9.6	-16.5	0.9	0.9	143.0	44.4
(MNTS, 20,100,H,V, P,6)	30.1	-113.5	9.6	-14.8	0.9	0.9	142.7	44.2
(MNTS, 20,100,H,V, P,9)	30.1	-115.4	9.6	-18.0	0.9	0.9	141.5	42.9
(MNTS, 20,100,H,V,AV,3)	30.1	-116.2	9.6	-16.5	0.9	0.9	143.7	45.2
(MNTS, 20,100,H,V,AV,6)	30.1	-116.2	9.6	-14.5	0.9	0.9	145.7	47.2
(MNTS, 20,100,H,V,AV,9)	30.1	-116.2	9.6	-17.9	0.9	0.9	142.3	43.8
(MNTS, 20,100,H,V,AH,3)	30.1	-115.4	9.6	-16.5	0.9	0.9	143.0	44.4
(MNTS, 20,100,H,V,AH,6)	30.1	-113.8	9.6	-14.5	0.9	0.9	143.3	44.8
(MNTS, 20,100,H,V,AH,9)	30.1	-113.8	9.6	-17.9	0.9	0.9	139.9	41.4
(MNTS, 20,100,V,H, P,3)	30.1	-124.5	7.6	-20.2	0.9	0.9	146.4	47.8
(MNTS, 20,100,V,H, P,6)	30.1	-122.2	7.6	-15.8	0.9	0.9	148.4	49.9
(MNTS, 20,100,V,H, P,9)	30.1	-121.6	7.6	-16.3	0.9	0.9	147.3	48.8
(MNTS, 20,100,V,H,AV,3)	30.1	-116.6	7.6	-18.9	0.9	0.9	139.7	41.2
(MNTS, 20,100,V,H,AV,6)	30.1	-116.6	7.6	-15.8	0.9	0.9	142.8	44.3
(MNTS, 20,100,V,H,AV,9)	30.1	-115.4	7.6	-16.2	0.9	0.9	141.3	42.7
(MNTS, 20,100,V,H,AH,3)	30.1	-117.4	7.6	-18.9	0.9	0.9	140.6	42.0
(MNTS, 20,100,V,H,AH,6)	30.1	-128.7	7.6	-15.8	0.9	0.9	154.9	56.4
(MNTS, 20,100,V,H,AH,9)	30.1	-128.7	7.6	-16.2	0.9	0.9	154.5	56.0
(MNTS, 20,100,H,H, P,3)	30.1	-108.4	9.6	0.2	0.9	0.9	152.6	54.1
(MNTS, 20,100,H,H, P,6)	30.1	-103.6	9.6	1.6	0.9	0.9	149.2	50.6
(MNTS, 20,100,H,H, P,9)	30.1	-103.9	9.6	1.3	0.9	0.9	149.3	50.7
(MNTS, 20,100,H,H,AV,3)	30.1	-106.4	9.6	0.6	0.9	0.9	151.0	52.4
(MNTS, 20,100,H,H,AV,6)	30.1	-101.7	9.6	1.6	0.9	0.9	147.4	48.8
(MNTS, 20,100,H,H,AV,9)	30.1	-101.6	9.6	1.4	0.9	0.9	147.0	48.5
(MNTS, 20,100,H,H,AH,3)	30.1	-103.0	9.6	0.6	0.9	0.9	147.7	49.1
(MNTS, 20,100,H,H,AH,6)	30.1	-99.5	9.6	1.6	0.9	0.9	145.1	46.6
(MNTS, 20,100,H,H,AH,9)	30.1	-97.9	9.6	1.4	0.9	0.9	143.4	44.8
(KLIR, 52,100,H,H, P,3)	42.2	-105.9		1.3		0.9	154.6	47.8
(KLIR, 52,100,H,H, P,6)	42.2	-92.1		1.3		0.9	140.8	34.1
(KLIR, 52,100,H,H, P,9)	42.2	-90.6		1.0		0.9	139.0	32.2
(KLIR, 52,100,H,H,AV,3)	42.2	-96.2		1.1		0.9	144.7	37.9
(KLIR, 52,100,H,H,AV,6)	42.2	-101.7		1.4		0.9	150.5	43.8
(KLIR, 52,100,H,H,AV,9)	42.2	-96.2		1.0		0.9	144.6	37.8
(KLIR, 52,100,H,H,AH,3)	42.2	-108.1		1.1		0.9	156.6	49.8
(KLIR, 52,100,H,H,AH,6)	42.2	-96.6		1.4		0.9	145.4	38.6
(KLIR, 52,100,H,H,AH,9)	42.2	-94.9		1.0		0.9	143.3	36.5

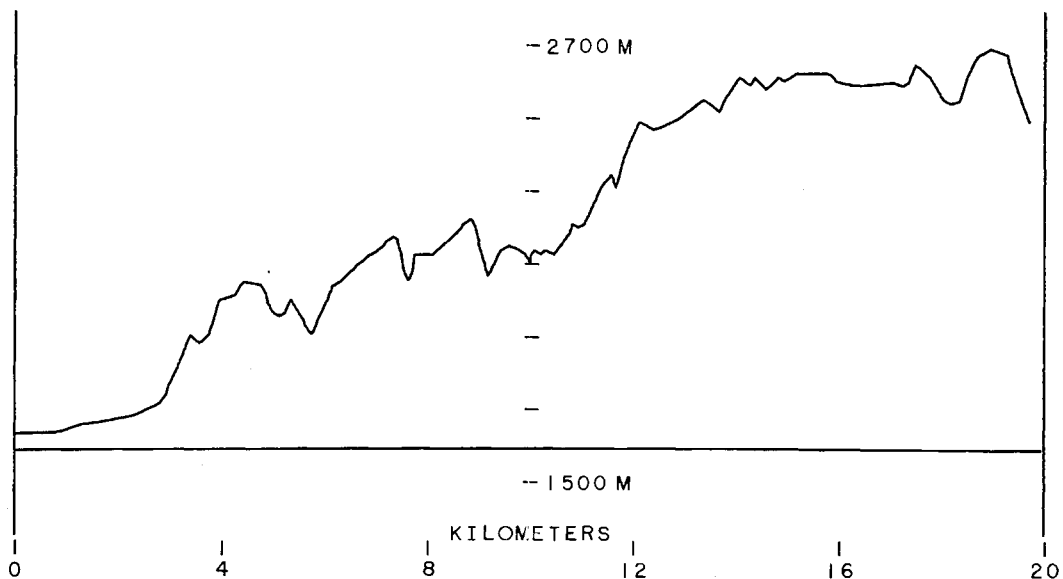
COLORADO MOUNTAINS

B= 20KM

SITE 26

DATE 10-22-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20, 20,V,V, P,3)	24.0	-142.2	-2.2	0.5	0.1	-0.0	164.4	79.9
(MNTS, 20, 20,V,V,AV,3)	24.0	-143.4	-2.2	0.5	0.1	-0.0	165.6	81.1
(MNTS, 20, 20,V,V,AH,3)	24.0	-142.2	-2.2	0.5	0.1	-0.0	164.4	79.9
(MNTS, 20, 50,V,V, P,1)	24.0	-146.3	-2.2	0.7	1.2	0.2	167.4	74.9
(MNTS, 20, 50,V,V, P,3)	24.0	-149.8	-2.2	6.7	1.2	0.2	176.9	84.4
(MNTS, 20, 50,V,V,AV,1)	24.0	-149.2	-2.2	0.7	1.2	0.2	170.3	77.8
(MNTS, 20, 50,V,V,AV,3)	24.0	-145.8	-2.2	6.7	1.2	0.2	172.9	80.4
(MNTS, 20, 50,V,V,AH,1)	24.0	-146.3	-2.2	0.7	1.2	0.2	167.4	74.9
(MNTS, 20, 50,V,V,AH,3)	24.0	-149.8	-2.2	6.7	1.2	0.2	176.9	84.4



COLORADO MOUNTAINS B= 20KM SITE 26

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-27-64	21.95	H1	80%	47.0	56.0

HORIZON A RISE OF 1500FT, 3/4MI AWAY, TREE-COVERED. MINE DIGGINGS SLIGHTLY TO RIGHT OF 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
(MNTS, 20,100,V,V, P,3)	30.1	-135.8	7.6	0.7	0.9	0.9	178.5	80.0
(MNTS, 20,100,V,V, P,6)	30.1	-131.9	7.6	-0.9	0.9	0.9	173.0	74.5
(MNTS, 20,100,V,V, P,9)	30.1	-134.1	7.6	-1.3	0.9	0.9	174.8	76.3
(MNTS, 20,100,V,V,AV,3)	30.1	-123.2	7.6	0.7	0.9	0.9	165.9	67.4
(MNTS, 20,100,V,V,AV,6)	30.1	-126.9	7.6	-0.9	0.9	0.9	168.0	69.5
(MNTS, 20,100,V,V,AV,9)	30.1	-136.6	7.6	-1.3	0.9	0.9	177.3	78.8
(MNTS, 20,100,V,V,AH,3)	30.1	-135.8	7.6	0.7	0.9	0.9	178.5	80.0
(MNTS, 20,100,V,V,AH,6)	30.1	-131.9	7.6	-0.9	0.9	0.9	173.0	74.5
(MNTS, 20,100,V,V,AH,9)	30.1	-134.1	7.6	-1.3	0.9	0.9	174.8	76.3
(MNTS, 20,100,H,V, P,3)	30.1	-141.7	9.6	-24.0	0.9	0.9	161.8	63.2
(MNTS, 20,100,H,V, P,6)	30.1	-141.7	9.6	-15.0	0.9	0.9	170.8	72.2
(MNTS, 20,100,H,V, P,9)	30.1	-141.7	9.6	-19.2	0.9	0.9	166.6	68.0
(MNTS, 20,100,H,V,AV,3)	30.1	-141.7	9.6	-24.0	0.9	0.9	161.8	63.2
(MNTS, 20,100,H,V,AV,6)	30.1	-141.7	9.6	-15.0	0.9	0.9	170.8	72.2
(MNTS, 20,100,H,V,AV,9)	30.1	-141.7	9.6	-19.2	0.9	0.9	166.6	68.0
(MNTS, 20,100,H,V,AH,3)	30.1	-141.7	9.6	-24.0	0.9	0.9	161.8	63.2
(MNTS, 20,100,H,V,AH,6)	30.1	-141.7	9.6	-15.0	0.9	0.9	170.8	72.2
(MNTS, 20,100,H,V,AH,9)	30.1	-141.7	9.6	-19.2	0.9	0.9	166.6	68.0
(MNTS, 20,100,V,H, P,3)	30.1	-145.0	7.6	-16.4	0.9	0.9	170.6	72.0
(MNTS, 20,100,V,H, P,6)	30.1	-145.0	7.6	-15.5	0.9	0.9	171.5	72.9
(MNTS, 20,100,V,H, P,9)	30.1	-145.0	7.6	-15.9	0.9	0.9	171.1	72.5
(MNTS, 20,100,V,H,AV,3)	30.1	-143.2	7.6	-16.4	0.9	0.9	168.8	70.3
(MNTS, 20,100,V,H,AV,6)	30.1	-143.2	7.6	-15.5	0.9	0.9	169.7	71.2
(MNTS, 20,100,V,H,AV,9)	30.1	-143.2	7.6	-15.9	0.9	0.9	169.3	70.8
(MNTS, 20,100,V,H,AH,3)	30.1	-145.0	7.6	-16.4	0.9	0.9	170.6	72.0
(MNTS, 20,100,V,H,AH,6)	30.1	-145.0	7.6	-15.5	0.9	0.9	171.5	72.9
(MNTS, 20,100,V,H,AH,9)	30.1	-145.0	7.6	-15.9	0.9	0.9	171.1	72.5
(MNTS, 20,100,H,H, P,3)	30.1	-143.9	9.6	0.9	0.9	0.9	188.9	90.3
(MNTS, 20,100,H,H, P,6)	30.1	-143.9	9.6	1.6	0.9	0.9	189.6	91.0
(MNTS, 20,100,H,H, P,9)	30.1	-143.9	9.6	1.4	0.9	0.9	189.4	90.8
(MNTS, 20,100,H,H,AV,3)	30.1	-138.4	9.6	0.9	0.9	0.9	183.4	84.8
(MNTS, 20,100,H,H,AV,6)	30.1	-143.7	9.6	1.6	0.9	0.9	189.4	90.8
(MNTS, 20,100,H,H,AV,9)	30.1	-135.1	9.6	1.4	0.9	0.9	180.5	81.9
(MNTS, 20,100,H,H,AH,3)	30.1	-143.9	9.6	0.9	0.9	0.9	188.9	90.3
(MNTS, 20,100,H,H,AH,6)	30.1	-143.9	9.6	1.6	0.9	0.9	189.6	91.0
(MNTS, 20,100,H,H,AH,9)	30.1	-143.9	9.6	1.4	0.9	0.9	189.4	90.8
(KLIR, 55,100,H,H, P,3)	42.2	-127.2		1.0		0.9	175.6	68.4
(KLIR, 55,100,H,H, P,6)	42.2	-131.7		1.4		0.9	180.5	73.3
(KLIR, 55,100,H,H, P,9)	42.2	-131.7		1.1		0.9	180.2	73.0
(KLIR, 55,100,H,H,AV,3)	42.2	-123.9		1.0		0.9	172.3	65.1
(KLIR, 55,100,H,H,AV,6)	42.2	-126.1		1.4		0.9	174.9	67.7
(KLIR, 55,100,H,H,AV,9)	42.2	-122.2		1.1		0.9	170.7	63.5
(KLIR, 55,100,H,H,AH,3)	42.2	-127.2		1.0		0.9	175.6	68.4
(KLIR, 55,100,H,H,AH,6)	42.2	-131.7		1.4		0.9	180.5	73.3
(KLIR, 55,100,H,H,AH,9)	42.2	-131.7		1.1		0.9	180.2	73.0

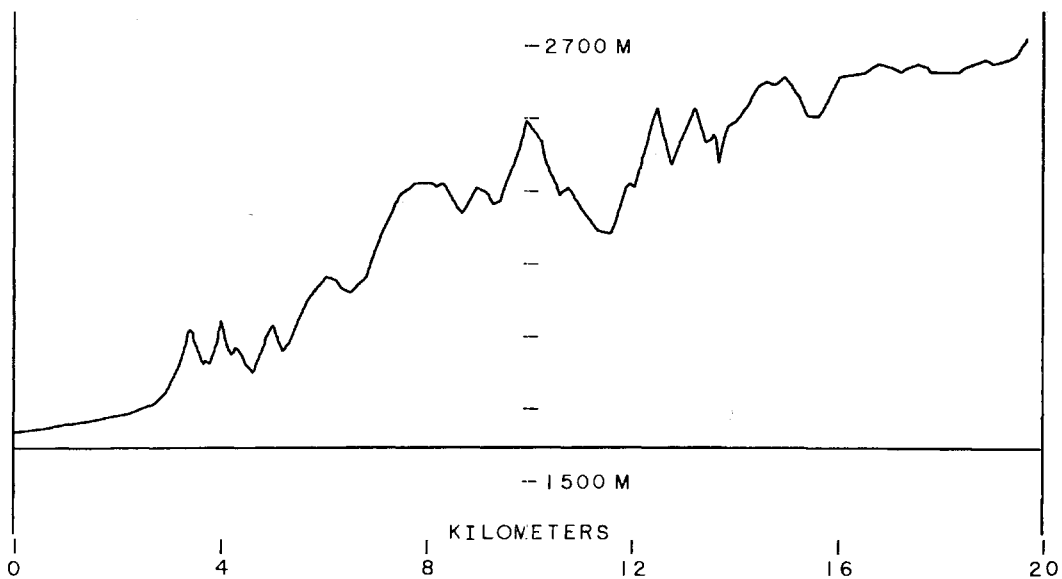
COLORADO MOUNTAINS

B= 20KM

SITE 27

DATE 10-22-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20, 20,V,V, P,3)	24.0	-121.8	-2.7	-0.3	0.1	-0.0	142.7	58.2
(MNTS, 20, 20,V,V,AV,3)	24.0	-123.2	-2.7	-0.3	0.1	-0.0	144.1	59.6
(MNTS, 20, 20,V,V,AH,3)	24.0	-122.8	-2.7	-0.3	0.1	-0.0	143.7	59.2
(MNTS, 20, 50,V,V, P,1)	24.0	-143.5	-1.7	1.4	1.2	0.2	165.8	73.3
(MNTS, 20, 50,V,V, P,3)	24.0	-144.5	-1.7	6.1	1.2	0.2	171.5	79.0
(MNTS, 20, 50,V,V,AV,1)	24.0	-145.5	-1.7	1.4	1.2	0.2	167.8	75.3
(MNTS, 20, 50,V,V,AV,3)	24.0	-132.8	-1.7	6.1	1.2	0.2	159.8	67.3
(MNTS, 20, 50,V,V,AH,1)	24.0	-150.0	-1.7	1.4	1.2	0.2	172.3	79.8
(MNTS, 20, 50,V,V,AH,3)	24.0	-142.8	-1.7	6.1	1.2	0.2	169.8	77.3



COLORADO MOUNTAINS B= 20KM SITE 27

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
08-27-64	PRESSURE	TYPE	PERCENT	WET	DRY
	21.59	L1,H1	40%	37.3	51.1

HORIZON 3/4MI WITH 50FT 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(B)	A
(MNTS, 20,100,V,V, P,3)	30.1	-118.4	7.6	0.5	0.9	0.9	161.0	62.4
(MNTS, 20,100,V,V, P,6)	30.1	-119.5	7.6	-1.2	0.9	0.9	160.3	61.8
(MNTS, 20,100,V,V, P,9)	30.1	-117.2	7.6	-1.6	0.9	0.9	157.6	59.1
(MNTS, 20,100,V,V,AV,3)	30.1	-108.4	7.6	0.5	0.9	0.9	150.9	52.4
(MNTS, 20,100,V,V,AV,6)	30.1	-106.9	7.6	-1.2	0.9	0.9	147.7	49.2
(MNTS, 20,100,V,V,AV,9)	30.1	-106.6	7.6	-1.6	0.9	0.9	147.1	48.5
(MNTS, 20,100,V,V,AH,3)	30.1	-118.7	7.6	0.5	0.9	0.9	161.3	62.7
(MNTS, 20,100,V,V,AH,6)	30.1	-116.2	7.6	-1.2	0.9	0.9	157.0	58.5
(MNTS, 20,100,V,V,AH,9)	30.1	-113.0	7.6	-1.6	0.9	0.9	153.5	54.9
(MNTS, 20,100,H,V, P,3)	30.1	-139.5	9.6	-24.1	0.9	0.9	159.4	60.9
(MNTS, 20,100,H,V, P,6)	30.1	-139.5	9.6	-18.0	0.9	0.9	165.5	67.0
(MNTS, 20,100,H,V, P,9)	30.1	-130.2	9.6	-21.0	0.9	0.9	153.2	54.6
(MNTS, 20,100,H,V,AV,3)	30.1	-117.4	9.6	-24.1	0.9	0.9	137.4	38.8
(MNTS, 20,100,H,V,AV,6)	30.1	-126.1	9.6	-18.0	0.9	0.9	152.2	53.6
(MNTS, 20,100,H,V,AV,9)	30.1	-123.4	9.6	-21.0	0.9	0.9	146.4	47.9
(MNTS, 20,100,H,V,AH,3)	30.1	-126.9	9.6	-24.1	0.9	0.9	146.8	48.3
(MNTS, 20,100,H,V,AH,6)	30.1	-126.9	9.6	-18.0	0.9	0.9	152.9	54.4
(MNTS, 20,100,H,V,AH,9)	30.1	-126.9	9.6	-21.0	0.9	0.9	149.9	51.4
(MNTS, 20,100,V,H, P,3)	30.1	-135.8	7.6	-18.3	0.9	0.9	159.5	61.0
(MNTS, 20,100,V,H, P,6)	30.1	-129.4	7.6	-15.6	0.9	0.9	155.8	57.3
(MNTS, 20,100,V,H, P,9)	30.1	-126.1	7.6	-16.0	0.9	0.9	152.2	53.6
(MNTS, 20,100,V,H,AV,3)	30.1	-124.3	7.6	-18.3	0.9	0.9	148.1	49.5
(MNTS, 20,100,V,H,AV,6)	30.1	-121.0	7.6	-15.6	0.9	0.9	147.5	48.9
(MNTS, 20,100,V,H,AV,9)	30.1	-119.5	7.6	-16.0	0.9	0.9	145.5	47.0
(MNTS, 20,100,V,H,AH,3)	30.1	-130.2	7.6	-18.3	0.9	0.9	153.9	55.3
(MNTS, 20,100,V,H,AH,6)	30.1	-130.2	7.6	-15.6	0.9	0.9	156.6	58.0
(MNTS, 20,100,V,H,AH,9)	30.1	-123.6	7.6	-16.0	0.9	0.9	149.6	51.0
(MNTS, 20,100,H,H, P,3)	30.1	-116.2	9.6	1.4	0.9	0.9	161.6	63.1
(MNTS, 20,100,H,H, P,6)	30.1	-109.4	9.6	1.5	0.9	0.9	154.9	56.4
(MNTS, 20,100,H,H, P,9)	30.1	-105.9	9.6	1.2	0.9	0.9	151.1	52.6
(MNTS, 20,100,H,H,AV,3)	30.1	-114.1	9.6	1.4	0.9	0.9	159.5	61.0
(MNTS, 20,100,H,H,AV,6)	30.1	-105.6	9.6	1.5	0.9	0.9	151.2	52.6
(MNTS, 20,100,H,H,AV,9)	30.1	-101.2	9.6	1.2	0.9	0.9	146.4	47.8
(MNTS, 20,100,H,H,AH,3)	30.1	-112.9	9.6	1.4	0.9	0.9	158.4	59.8
(MNTS, 20,100,H,H,AH,6)	30.1	-108.1	9.6	1.5	0.9	0.9	153.6	55.0
(MNTS, 20,100,H,H,AH,9)	30.1	-105.2	9.6	1.2	0.9	0.9	150.4	51.9
(KLIR, 57,100,H,H, P,3)	42.2	-84.5		1.0		0.9	132.9	25.3
(KLIR, 57,100,H,H, P,6)	42.2	-81.0		1.4		0.9	129.8	22.2
(KLIR, 57,100,H,H, P,9)	42.2	-79.5		1.1		0.9	128.0	20.4
(KLIR, 57,100,H,H,AV,3)	42.2	-86.8		1.0		0.9	135.2	27.5
(KLIR, 57,100,H,H,AV,6)	42.2	-82.5		1.4		0.9	131.3	23.7
(KLIR, 57,100,H,H,AV,9)	42.2	-80.1		1.1		0.9	128.6	21.0
(KLIR, 57,100,H,H,AH,3)	42.2	-88.4		1.0		0.9	136.8	29.1
(KLIR, 57,100,H,H,AH,6)	42.2	-83.0		1.4		0.9	131.8	24.2
(KLIR, 57,100,H,H,AH,9)	42.2	-81.4		1.1		0.9	129.9	22.3

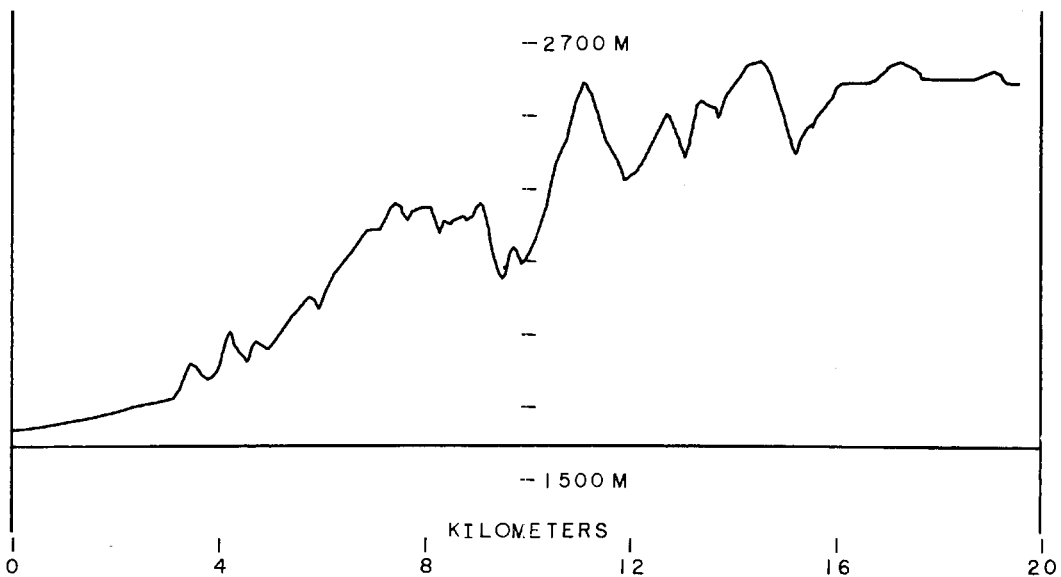
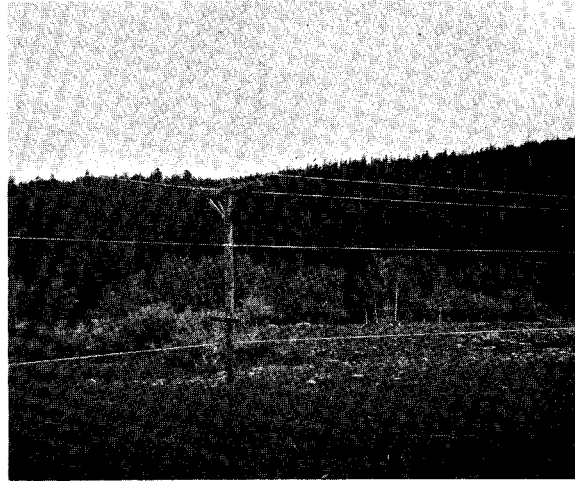
COLORADO MOUNTAINS

B= 20KM

SITE 28

DATE 10-22-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20, 20,V,V, P,3)	24.0	-131.7	-4.0	-2.7	0.1	-0.0	148.9	64.4
(MNTS, 20, 20,V,V,AV,3)	24.0	-135.8	-4.0	-2.7	0.1	-0.0	153.0	68.5
(MNTS, 20, 20,V,V,AH,3)	24.0	-133.5	-4.0	-2.7	0.1	-0.0	150.7	66.2
(MNTS, 20, 50,V,V, P,1)	24.0	-146.0	-1.1	4.6	1.2	0.2	172.1	79.6
(MNTS, 20, 50,V,V, P,3)	24.0	-145.9	-1.1	0.9	1.2	0.2	168.3	75.8
(MNTS, 20, 50,V,V,AV,1)	24.0	-142.5	-1.1	4.6	1.2	0.2	168.6	76.1
(MNTS, 20, 50,V,V,AV,3)	24.0	-142.3	-1.1	0.9	1.2	0.2	164.7	72.2
(MNTS, 20, 50,V,V,AH,1)	24.0	-140.0	-1.1	4.6	1.2	0.2	166.1	73.6
(MNTS, 20, 50,V,V,AH,3)	24.0	-135.3	-1.1	0.9	1.2	0.2	157.7	65.2



COLORADO MOUNTAINS B= 20KM SITE 28

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
06-17-64	21.47	L1,L5,H1	75%	48.0	67.5

LOCATION IS PARKLIKE OPEN GRASSLAND WITH TREE-COVERED MOUNTAINS SURROUNDING IT. TREE-TOPPED MOUNTAIN 1/4MI TO SOUTH-EAST IN PATH. POWER AND PHONE LINES 50FT OFF ROAD AND PARALLEL, TOWARD SITE.

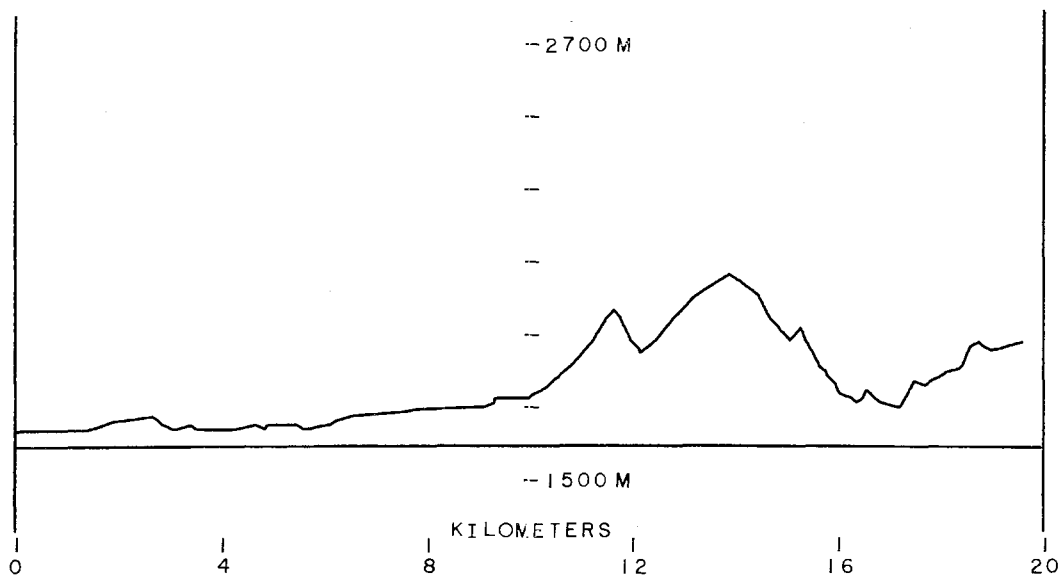
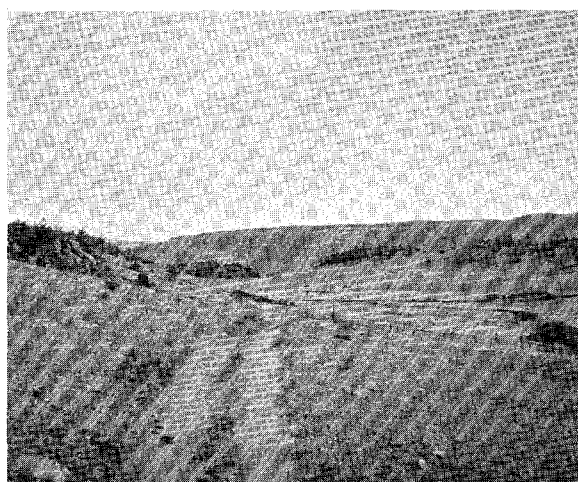
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20,100,V,V, P,3)	30.1	-117.5	7.6	-4.1	0.9	0.9	155.5	56.9
(MNTS, 20,100,V,V, P,6)	30.1	-115.1	7.6	-2.4	0.9	0.9	154.7	56.1
(MNTS, 20,100,V,V, P,9)	30.1	-115.8	7.6	-2.2	0.9	0.9	155.6	57.1
(MNTS, 20,100,V,V,AV,3)	30.1	-109.4	7.6	-4.1	0.9	0.9	147.3	48.8
(MNTS, 20,100,V,V,AV,6)	30.1	-110.6	7.6	-2.4	0.9	0.9	150.2	51.6
(MNTS, 20,100,V,V,AV,9)	30.1	-112.9	7.6	-2.2	0.9	0.9	152.8	54.2
(MNTS, 20,100,V,V,AH,3)	30.1	-137.2	7.6	-4.1	0.9	0.9	175.1	76.6
(MNTS, 20,100,V,V,AH,6)	30.1	-124.1	7.6	-2.4	0.9	0.9	163.8	65.2
(MNTS, 20,100,V,V,AH,9)	30.1	-121.2	7.6	-2.2	0.9	0.9	161.0	62.4
(MNTS, 20,100,H,V, P,3)	30.1	-126.4	9.6	-19.0	0.9	0.9	151.4	52.8
(MNTS, 20,100,H,V, P,6)	30.1	-123.7	9.6	-21.5	0.9	0.9	146.3	47.7
(MNTS, 20,100,H,V, P,9)	30.1	-129.4	9.6	-24.0	0.9	0.9	149.4	50.9
(MNTS, 20,100,H,V,AV,3)	30.1	-127.5	9.6	-19.0	0.9	0.9	152.5	53.9
(MNTS, 20,100,H,V,AV,6)	30.1	-127.5	9.6	-21.5	0.9	0.9	150.0	51.4
(MNTS, 20,100,H,V,AV,9)	30.1	-125.9	9.6	-24.0	0.9	0.9	145.9	47.4
(MNTS, 20,100,H,V,AH,3)	30.1	-118.1	9.6	-19.0	0.9	0.9	143.2	44.6
(MNTS, 20,100,H,V,AH,6)	30.1	-116.2	9.6	-21.5	0.9	0.9	138.7	40.2
(MNTS, 20,100,H,V,AH,9)	30.1	-117.7	9.6	-24.0	0.9	0.9	137.8	39.2
(MNTS, 20,100,V,H, P,3)	30.1	-125.0	7.6	-17.7	0.9	0.9	149.3	50.7
(MNTS, 20,100,V,H, P,6)	30.1	-122.8	7.6	-18.1	0.9	0.9	146.8	48.2
(MNTS, 20,100,V,H, P,9)	30.1	-120.1	7.6	-16.6	0.9	0.9	145.5	47.0
(MNTS, 20,100,V,H,AV,3)	30.1	-121.2	7.6	-17.7	0.9	0.9	145.5	46.9
(MNTS, 20,100,V,H,AV,6)	30.1	-122.0	7.6	-18.1	0.9	0.9	146.0	47.4
(MNTS, 20,100,V,H,AV,9)	30.1	-118.7	7.6	-16.6	0.9	0.9	144.2	45.6
(MNTS, 20,100,V,H,AH,3)	30.1	**	7.6	-17.7	0.9	0.9	**	**
(MNTS, 20,100,V,H,AH,6)	30.1	**	7.6	-18.1	0.9	0.9	**	**
(MNTS, 20,100,V,H,AH,9)	30.1	**	7.6	-16.6	0.9	0.9	**	**
(MNTS, 20,100,H,H, P,3)	30.1	-112.7	9.6	-0.1	0.9	0.9	156.6	58.0
(MNTS, 20,100,H,H, P,6)	30.1	-118.4	9.6	1.0	0.9	0.9	163.5	64.9
(MNTS, 20,100,H,H, P,9)	30.1	-123.9	9.6	0.6	0.9	0.9	168.6	70.0
(MNTS, 20,100,H,H,AV,3)	30.1	-118.7	9.6	-0.1	0.9	0.9	162.7	64.1
(MNTS, 20,100,H,H,AV,6)	30.1	-120.3	9.6	1.0	0.9	0.9	165.4	66.8
(MNTS, 20,100,H,H,AV,9)	30.1	-131.9	9.6	0.6	0.9	0.9	176.5	78.0
(MNTS, 20,100,H,H,AH,3)	30.1	-108.7	9.6	-0.1	0.9	0.9	152.6	54.1
(MNTS, 20,100,H,H,AH,6)	30.1	-111.4	9.6	1.0	0.9	0.9	156.5	57.9
(MNTS, 20,100,H,H,AH,9)	30.1	-117.0	9.6	0.6	0.9	0.9	161.6	63.1
(KLIR, 60,100,H,H, P,3)	42.2	-103.2		-0.5		0.9	150.1	42.1
(KLIR, 60,100,H,H, P,6)	42.2	-105.2		1.6		0.9	154.2	46.2
(KLIR, 60,100,H,H, P,9)	42.2	-98.1		1.0		0.9	146.5	38.5
(KLIR, 60,100,H,H,AV,3)	42.2	-106.6		-0.4		0.9	153.6	45.6
(KLIR, 60,100,H,H,AV,6)	42.2	-107.8		1.5		0.9	156.7	48.6
(KLIR, 60,100,H,H,AV,9)	42.2	-105.0		0.9		0.9	153.3	45.2
(KLIR, 60,100,H,H,AH,3)	42.2	-95.3		-0.5		0.9	142.2	34.2
(KLIR, 60,100,H,H,AH,6)	42.2	-97.9		1.6		0.9	146.9	38.9
(KLIR, 60,100,H,H,AH,9)	42.2	-91.9		1.0		0.9	140.3	32.3

** SIGNAL TOO LOW TO BE MEASURED

COLORADO MOUNTAINS B= 20KM 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
(MNTS, 20, 20,V,V, P,3)	24.0	-105.4	-3.9	1.4	0.1	-0.0	126.8	42.3
(MNTS, 20, 20,V,V,AV,3)	24.0	-107.5	-3.9	1.4	0.1	-0.0	128.8	44.4
(MNTS, 20, 20,V,V,AH,3)	24.0	-110.2	-3.9	1.4	0.1	-0.0	131.5	47.1
(MNTS, 20, 50,V,V, P,1)	23.9	-114.7	0.0	-3.5	1.2	0.2	133.7	41.2
(MNTS, 20, 50,V,V, P,3)	23.9	-116.7	0.0	6.6	1.2	0.2	145.8	53.4
(MNTS, 20, 50,V,V,AV,1)	23.9	-112.1	0.0	-3.5	1.2	0.2	131.1	38.7
(MNTS, 20, 50,V,V,AV,3)	23.9	-118.9	0.0	6.6	1.2	0.2	148.0	55.6
(MNTS, 20, 50,V,V,AH,1)	23.9	-119.5	0.0	-3.5	1.2	0.2	138.5	46.0
(MNTS, 20, 50,V,V,AH,3)	23.9	-119.5	0.0	6.6	1.2	0.2	148.6	56.1



COLORADO MOUNTAINS B= 20KM SITE 30

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-13-64	23.94	L1,H1	45%	60.2	83.8

SITE IS IN OPEN MOUNTAINS, SCATTERED TREES ON HILLSIDE 1MI TO SOUTH.
2-WIRE POWER LINE CROSSES ROAD, 10FT FROM ANTENNA 9 METERS HIGH.

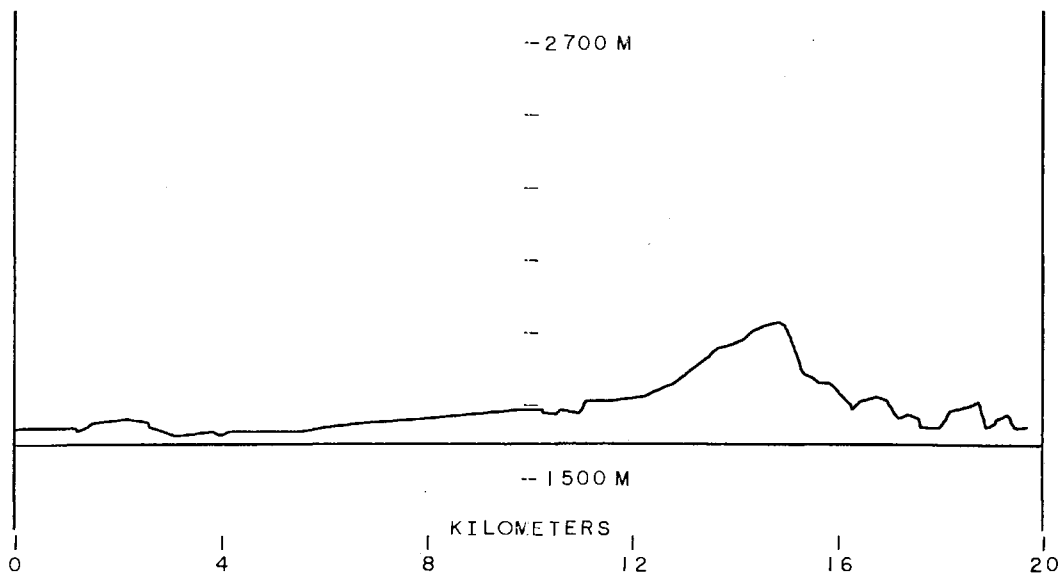
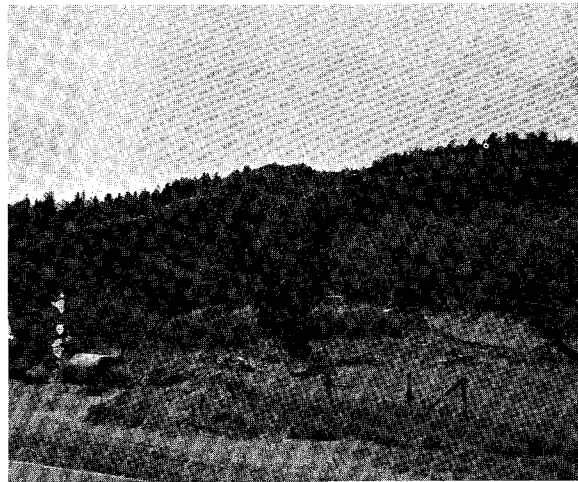
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20,100,V,V, P,3)	30.1	-98.9	7.6	0.8	0.9	0.9	141.8	43.2
(MNTS, 20,100,V,V, P,6)	30.1	-98.9	7.6	-0.4	0.9	0.9	140.6	42.0
(MNTS, 20,100,V,V, P,9)	30.1	-103.0	7.6	-1.2	0.9	0.9	143.9	45.3
(MNTS, 20,100,V,V,AV,3)	30.1	-97.2	7.6	0.8	0.9	0.9	140.0	41.5
(MNTS, 20,100,V,V,AV,6)	30.1	-98.4	7.6	-0.4	0.9	0.9	140.1	41.5
(MNTS, 20,100,V,V,AV,9)	30.1	-106.4	7.6	-1.2	0.9	0.9	147.2	48.6
(MNTS, 20,100,V,V,AH,3)	30.1	-98.7	7.6	0.8	0.9	0.9	141.6	43.0
(MNTS, 20,100,V,V,AH,6)	30.1	-100.1	7.6	-0.4	0.9	0.9	141.7	43.2
(MNTS, 20,100,V,V,AH,9)	30.1	-104.5	7.6	-1.2	0.9	0.9	145.4	46.8
(MNTS, 20,100,H,V, P,3)	30.1	-118.9	9.6	-16.6	0.9	0.9	146.4	47.8
(MNTS, 20,100,H,V, P,6)	30.1	-105.6	9.6	-15.0	0.9	0.9	134.7	36.1
(MNTS, 20,100,H,V, P,9)	30.1	-118.9	9.6	-18.2	0.9	0.9	144.8	46.2
(MNTS, 20,100,H,V,AV,3)	30.1	-112.4	9.6	-16.6	0.9	0.9	139.8	41.3
(MNTS, 20,100,H,V,AV,6)	30.1	-118.5	9.6	-15.0	0.9	0.9	147.6	49.0
(MNTS, 20,100,H,V,AV,9)	30.1	-109.4	9.6	-18.2	0.9	0.9	135.2	36.7
(MNTS, 20,100,H,V,AH,3)	30.1	**	9.6	-16.6	0.9	0.9	**	**
(MNTS, 20,100,H,V,AH,6)	30.1	-120.6	9.6	-15.0	0.9	0.9	149.7	51.1
(MNTS, 20,100,H,V,AH,9)	30.1	-111.0	9.6	-18.2	0.9	0.9	136.8	38.3
(MNTS, 20,100,V,H, P,3)	30.1	-115.1	7.6	-20.5	0.9	0.9	136.6	38.0
(MNTS, 20,100,V,H, P,6)	30.1	-124.1	7.6	-15.9	0.9	0.9	150.3	51.7
(MNTS, 20,100,V,H, P,9)	30.1	-124.1	7.6	-16.3	0.9	0.9	149.9	51.3
(MNTS, 20,100,V,H,AV,3)	30.1	-108.7	7.6	-20.5	0.9	0.9	130.2	31.7
(MNTS, 20,100,V,H,AV,6)	30.1	-114.7	7.6	-15.9	0.9	0.9	140.9	42.3
(MNTS, 20,100,V,H,AV,9)	30.1	-114.7	7.6	-16.3	0.9	0.9	140.5	41.9
(MNTS, 20,100,V,H,AH,3)	30.1	**	7.6	-20.5	0.9	0.9	**	**
(MNTS, 20,100,V,H,AH,6)	30.1	**	7.6	-15.9	0.9	0.9	**	**
(MNTS, 20,100,V,H,AH,9)	30.1	-111.2	7.6	-16.3	0.9	0.9	136.9	38.4
(MNTS, 20,100,H,H, P,3)	30.1	-96.6	9.6	0.0	0.9	0.9	140.6	42.1
(MNTS, 20,100,H,H, P,6)	30.1	-91.4	9.6	1.6	0.9	0.9	137.1	38.5
(MNTS, 20,100,H,H, P,9)	30.1	-92.7	9.6	1.3	0.9	0.9	138.0	39.4
(MNTS, 20,100,H,H,AV,3)	30.1	-94.4	9.6	0.0	0.9	0.9	138.4	39.9
(MNTS, 20,100,H,H,AV,6)	30.1	-90.2	9.6	1.6	0.9	0.9	135.8	37.2
(MNTS, 20,100,H,H,AV,9)	30.1	-93.9	9.6	1.3	0.9	0.9	139.2	40.7
(MNTS, 20,100,H,H,AH,3)	30.1	-91.9	9.6	0.0	0.9	0.9	135.9	37.4
(MNTS, 20,100,H,H,AH,6)	30.1	-89.4	9.6	1.6	0.9	0.9	135.0	36.5
(MNTS, 20,100,H,H,AH,9)	30.1	-92.7	9.6	1.3	0.9	0.9	138.0	39.4
(KLIR, 63,100,H,H, P,3)	42.2	-83.0		-0.2		0.9	130.2	21.7
(KLIR, 63,100,H,H, P,6)	42.2	-78.4		1.5		0.9	127.3	18.8
(KLIR, 63,100,H,H, P,9)	42.2	-79.0		1.3		0.9	127.7	19.3
(KLIR, 63,100,H,H,AV,3)	42.2	-87.5		-0.2		0.9	134.7	26.2
(KLIR, 63,100,H,H,AV,6)	42.2	-78.9		1.5		0.9	127.8	19.3
(KLIR, 63,100,H,H,AV,9)	42.2	-77.7		1.3		0.9	126.4	17.9
(KLIR, 63,100,H,H,AH,3)	42.2	-83.0		-0.2		0.9	130.2	21.7
(KLIR, 63,100,H,H,AH,6)	42.2	-80.1		1.5		0.9	129.0	20.5
(KLIR, 63,100,H,H,AH,9)	42.2	-80.1		1.3		0.9	128.8	20.3

** SIGNAL TOO LOW TO BE MEASURED

COLORADO MOUNTAINS B= 20KM SITE 31

DATE 08-13-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 20, 20,V,V, P,3)	24.0	-124.5	-4.2	3.4	0.1	-0.0	147.6	69.1
(MNTS, 20, 20,V,V,AV,3)	24.0	-122.2	-4.2	3.4	0.1	-0.0	145.3	67.8
(MNTS, 20, 20,V,V,AH,3)	24.0	-115.1	-4.2	-1.1	0.1	-0.0	133.7	49.2
(MNTS, 20, 50,V,V, P,1)	24.0	-151.0	-0.6	-6.5	1.2	0.2	166.5	74.0
(MNTS, 20, 50,V,V, P,3)	24.0	-135.4	-0.6	-3.0	1.2	0.2	154.4	61.9
(MNTS, 20, 50,V,V,AV,1)	24.0	-137.9	-0.6	-6.5	1.2	0.2	153.4	60.9
(MNTS, 20, 50,V,V,AV,3)	24.0	-126.4	-0.6	-3.0	1.2	0.2	145.3	52.9
(MNTS, 20, 50,V,V,AH,1)	24.0	-131.0	-0.6	2.1	1.2	0.2	155.1	65.6
(MNTS, 20, 50,V,V,AH,3)	24.0	-126.1	-0.6	5.3	1.2	0.2	153.4	61.9



COLORADO MOUNTAINS B= 20KM SITE 31

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-13-64	21.63	L1,H1	65%	85.0	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	56.0
(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

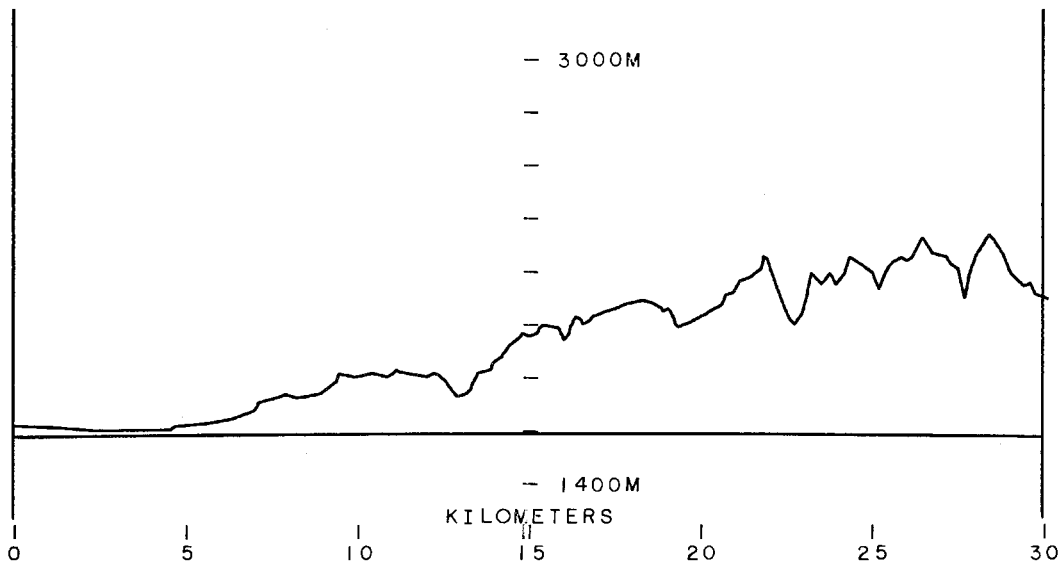
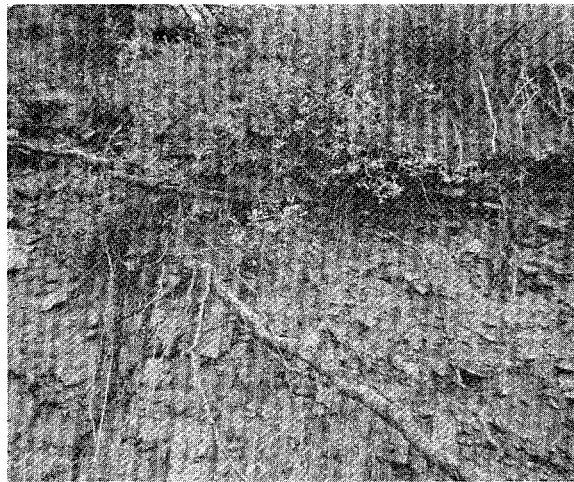
COLORADO MOUNTAINS

B= 30KM

SITE 37

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
(MNTS, 30, 20,V,V, P,3)	24.0	-140.5	-4.2	-1.0	0.1	-0.0	159.2	71.2
(MNTS, 30, 20,V,V,AV,3)	24.0	-140.5	-4.2	1.5	0.1	-0.0	161.7	73.7
(MNTS, 30, 20,V,V,AH,3)	24.0	-138.3	-4.2	-0.3	0.1	-0.0	157.7	69.7
(MNTS, 30, 50,V,V, P,1)	24.0	-148.2	-2.2	2.1	1.2	0.2	170.7	74.7
(MNTS, 30, 50,V,V, P,3)	24.0	-142.3	-2.2	5.3	1.2	0.2	168.0	72.0
(MNTS, 30, 50,V,V,AV,1)	24.0	-143.9	-2.2	-4.8	1.2	0.2	159.5	63.5
(MNTS, 30, 50,V,V,AV,3)	24.0	-134.9	-2.2	6.5	1.2	0.2	161.8	65.8
(MNTS, 30, 50,V,V,AH,1)	24.0	-144.9	-2.2	1.7	1.2	0.2	167.0	71.0
(MNTS, 30, 50,V,V,AH,3)	24.0	-136.8	-2.2	6.2	1.2	0.2	163.4	67.4



COLORADO MOUNTAINS R= 30KM SITE 37

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN	
DATE	PRESSURE	TYPE	PERCENT	WET	DRY
09-21-64	23.35	L5,L6	100%	46.2	59.8

ROCK PILE 20FT HIGH, 15FT FROM TRUCK ON PATH, WITH 30FT TREE 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
(MNTS, 30,100,V,V, P,3)	30.1	-129.4	7.6	0.1	0.9	0.9	171.5	69.5
(MNTS, 30,100,V,V, P,6)	30.1	-128.4	7.6	-1.2	0.9	0.9	169.2	67.1
(MNTS, 30,100,V,V, P,9)	30.1	-130.6	7.6	-1.7	0.9	0.9	170.9	68.8
(MNTS, 30,100,V,V,AV,3)	30.1	-125.0	7.6	0.8	0.9	0.9	167.8	65.7
(MNTS, 30,100,V,V,AV,6)	30.1	-130.6	7.6	-0.4	0.9	0.9	172.2	70.1
(MNTS, 30,100,V,V,AV,9)	30.1	-129.0	7.6	-1.2	0.9	0.9	169.9	67.8
(MNTS, 30,100,V,V,AH,3)	30.1	-128.4	7.6	-0.7	0.9	0.9	169.7	67.6
(MNTS, 30,100,V,V,AH,6)	30.1	-132.4	7.6	-1.0	0.9	0.9	173.4	71.3
(MNTS, 30,100,V,V,AH,9)	30.1	-126.9	7.6	-1.4	0.9	0.9	167.5	65.5
(MNTS, 30,100,H,V, P,3)	30.1	-132.4	9.6	-21.1	0.9	0.9	155.3	53.2
(MNTS, 30,100,H,V, P,6)	30.1	-134.7	9.6	-16.6	0.9	0.9	162.2	60.1
(MNTS, 30,100,H,V, P,9)	30.1	-134.7	9.6	-20.9	0.9	0.9	157.9	55.8
(MNTS, 30,100,H,V,AV,3)	30.1	-140.1	9.6	-17.1	0.9	0.9	167.0	65.0
(MNTS, 30,100,H,V,AV,6)	30.1	-140.1	9.6	-16.0	0.9	0.9	168.1	66.1
(MNTS, 30,100,H,V,AV,9)	30.1	-140.1	9.6	-18.7	0.9	0.9	165.4	63.4
(MNTS, 30,100,H,V,AH,3)	30.1	-134.1	9.6	-24.1	0.9	0.9	154.0	51.9
(MNTS, 30,100,H,V,AH,6)	30.1	-140.7	9.6	-18.0	0.9	0.9	166.8	64.7
(MNTS, 30,100,H,V,AH,9)	30.1	-140.7	9.6	-21.0	0.9	0.9	163.8	61.7
(MNTS, 30,100,V,H, P,3)	30.1	-138.4	7.6	-16.8	0.9	0.9	163.7	61.6
(MNTS, 30,100,V,H, P,6)	30.1	-133.2	7.6	-15.5	0.9	0.9	159.7	57.7
(MNTS, 30,100,V,H, P,9)	30.1	-157.0	7.6	-15.9	0.9	0.9	183.1	81.1
(MNTS, 30,100,V,H,AV,3)	30.1	-135.4	7.6	-21.3	0.9	0.9	156.2	54.1
(MNTS, 30,100,V,H,AV,6)	30.1	-141.4	7.6	-15.9	0.9	0.9	167.6	65.5
(MNTS, 30,100,V,H,AV,9)	30.1	-145.9	7.6	-16.4	0.9	0.9	171.5	69.4
(MNTS, 30,100,V,H,AH,3)	30.1	-137.9	7.6	-18.5	0.9	0.9	161.5	59.4
(MNTS, 30,100,V,H,AH,6)	30.1	-137.9	7.6	-15.7	0.9	0.9	164.3	62.2
(MNTS, 30,100,V,H,AH,9)	30.1	-145.4	7.6	-16.0	0.9	0.9	171.5	69.4
(MNTS, 30,100,H,H, P,3)	30.1	-124.7	9.6	1.5	0.9	0.9	170.3	68.2
(MNTS, 30,100,H,H, P,6)	30.1	-126.4	9.6	1.4	0.9	0.9	171.8	69.7
(MNTS, 30,100,H,H, P,9)	30.1	-123.6	9.6	1.2	0.9	0.9	168.8	66.7
(MNTS, 30,100,H,H,AV,3)	30.1	-130.6	9.6	-0.2	0.9	0.9	174.4	72.3
(MNTS, 30,100,H,H,AV,6)	30.1	-131.2	9.6	1.5	0.9	0.9	176.8	74.7
(MNTS, 30,100,H,H,AV,9)	30.1	-124.5	9.6	1.3	0.9	0.9	169.9	67.8
(MNTS, 30,100,H,H,AH,3)	30.1	-123.6	9.6	1.2	0.9	0.9	168.8	66.7
(MNTS, 30,100,H,H,AH,6)	30.1	-128.4	9.6	1.6	0.9	0.9	174.0	71.9
(MNTS, 30,100,H,H,AH,9)	30.1	-128.4	9.6	1.3	0.9	0.9	173.7	71.6
(KLIR, 21,100,H,H, P,3)	42.2	-101.3		-0.4		0.9	148.3	49.3
(KLIR, 21,100,H,H, P,6)	42.2	-88.1		1.5		0.9	137.0	37.9
(KLIR, 21,100,H,H, P,9)	42.2	-87.6		1.0		0.9	136.0	37.0
(KLIR, 21,100,H,H,AV,3)	42.2	-105.9		1.1		0.9	154.4	55.3
(KLIR, 21,100,H,H,AV,6)	42.2	-101.3		1.6		0.9	150.3	51.3
(KLIR, 21,100,H,H,AV,9)	42.2	-93.5		1.1		0.9	142.0	42.9
(KLIR, 21,100,H,H,AH,3)	42.2	-92.8		-0.3		0.9	139.9	40.8
(KLIR, 21,100,H,H,AH,6)	42.2	-97.7		1.2		0.9	146.3	47.3
(KLIR, 21,100,H,H,AH,9)	42.2	-89.0		0.7		0.9	137.1	38.1

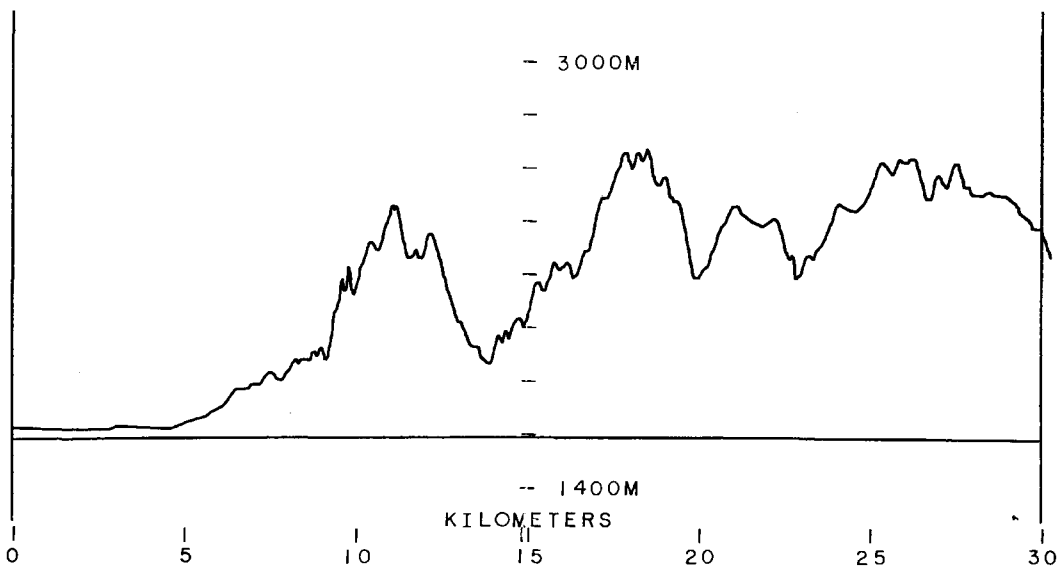
COLORADO MOUNTAINS

B= 30KM

SITE 38

DATE 11-04-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 30, 20,V,V, P,3)	24.0	-139.5	-4.1	-0.1	0.1	-0.0	159.2	71.2
(MNTS, 30, 20,V,V,AV,3)	24.0	-139.5	-4.1	-0.1	0.1	-0.0	159.2	71.2
(MNTS, 30, 20,V,V,AH,3)	24.0	-139.5	-4.1	-0.1	0.1	-0.0	159.2	71.2
(MNTS, 30, 50,V,V, P,1)	24.0	-152.0	-2.2	-0.5	1.2	0.2	171.9	75.9
(MNTS, 30, 50,V,V, P,3)	24.0	-145.0	-2.2	-3.3	1.2	0.2	162.1	66.1
(MNTS, 30, 50,V,V,AV,1)	24.0	-152.0	-2.2	-0.5	1.2	0.2	171.9	75.9
(MNTS, 30, 50,V,V,AV,3)	24.0	-145.0	-2.2	-3.3	1.2	0.2	162.1	66.1
(MNTS, 30, 50,V,V,AH,1)	24.0	-152.0	-2.2	-0.5	1.2	0.2	171.9	75.9
(MNTS, 30, 50,V,V,AH,3)	24.0	-145.0	-2.2	-3.3	1.2	0.2	162.1	66.1



COLORADO MOUNTAINS R= 30KM SITE 38

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
09-21-64	PRESSURE	TYPE	PERCENT	WET	DRY
	22.93	L5,L6	100%	45.0	55.8

40-WIRE PHONE LINE 10FT NORTH OF TRUCK, 150FT HIGH MOUNTAIN ROCK WITH SMALL BRUSH 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
(MNTS, 30,100,V,V, P,3)	30.1	-141.6	7.6	1.6	0.9	0.9	185.2	83.1
(MNTS, 30,100,V,V, P,6)	30.1	-136.2	7.6	-0.4	0.9	0.9	177.8	75.7
(MNTS, 30,100,V,V, P,9)	30.1	-138.4	7.6	1.2	0.9	0.9	181.7	79.6
(MNTS, 30,100,V,V,AV,3)	30.1	-141.6	7.6	1.6	0.9	0.9	185.2	83.1
(MNTS, 30,100,V,V,AV,6)	30.1	-136.2	7.6	-0.4	0.9	0.9	177.8	75.7
(MNTS, 30,100,V,V,AV,9)	30.1	-138.4	7.6	1.2	0.9	0.9	181.7	79.6
(MNTS, 30,100,V,V,AH,3)	30.1	-141.6	7.6	1.6	0.9	0.9	185.2	83.1
(MNTS, 30,100,V,V,AH,6)	30.1	-136.2	7.6	-0.4	0.9	0.9	177.8	75.7
(MNTS, 30,100,V,V,AH,9)	30.1	-138.4	7.6	1.2	0.9	0.9	181.7	79.6
(MNTS, 30,100,H,V, P,3)	30.1	-139.7	9.6	-19.4	0.9	0.9	164.4	62.3
(MNTS, 30,100,H,V, P,6)	30.1	-139.7	9.6	-17.2	0.9	0.9	166.6	64.5
(MNTS, 30,100,H,V, P,9)	30.1	-139.7	9.6	-21.5	0.9	0.9	162.3	60.2
(MNTS, 30,100,H,V,AV,3)	30.1	-139.7	9.6	-19.4	0.9	0.9	164.4	62.3
(MNTS, 30,100,H,V,AV,6)	30.1	-139.7	9.6	-17.2	0.9	0.9	166.6	64.5
(MNTS, 30,100,H,V,AV,9)	30.1	-139.7	9.6	-21.5	0.9	0.9	162.3	60.2
(MNTS, 30,100,H,V,AH,3)	30.1	-139.7	9.6	-19.4	0.9	0.9	164.4	62.3
(MNTS, 30,100,H,V,AH,6)	30.1	-139.7	9.6	-17.2	0.9	0.9	166.6	64.5
(MNTS, 30,100,H,V,AH,9)	30.1	-139.7	9.6	-21.5	0.9	0.9	162.3	60.2
(MNTS, 30,100,V,H, P,3)	30.1	-141.4	7.6	-23.3	0.9	0.9	160.2	58.1
(MNTS, 30,100,V,H, P,6)	30.1	-135.8	7.6	-16.4	0.9	0.9	161.4	59.3
(MNTS, 30,100,V,H, P,9)	30.1	-139.3	7.6	-17.0	0.9	0.9	164.3	62.2
(MNTS, 30,100,V,H,AV,3)	30.1	-141.4	7.6	-23.3	0.9	0.9	160.2	58.1
(MNTS, 30,100,V,H,AV,6)	30.1	-135.8	7.6	-16.4	0.9	0.9	161.4	59.3
(MNTS, 30,100,V,H,AV,9)	30.1	-139.3	7.6	-17.0	0.9	0.9	164.3	62.2
(MNTS, 30,100,V,H,AH,3)	30.1	-141.4	7.6	-23.3	0.9	0.9	160.2	58.1
(MNTS, 30,100,V,H,AH,6)	30.1	-135.8	7.6	-16.4	0.9	0.9	161.4	59.3
(MNTS, 30,100,V,H,AH,9)	30.1	-139.3	7.6	-17.0	0.9	0.9	164.3	62.2
(MNTS, 30,100,H,H, P,3)	30.1	-140.3	9.6	0.6	0.9	0.9	185.0	82.9
(MNTS, 30,100,H,H, P,6)	30.1	-142.7	9.6	1.1	0.9	0.9	187.8	85.7
(MNTS, 30,100,H,H, P,9)	30.1	-140.3	9.6	0.8	0.9	0.9	185.2	83.1
(MNTS, 30,100,H,H,AV,3)	30.1	-140.3	9.6	0.6	0.9	0.9	185.0	82.9
(MNTS, 30,100,H,H,AV,6)	30.1	-142.7	9.6	1.1	0.9	0.9	187.8	85.7
(MNTS, 30,100,H,H,AV,9)	30.1	-140.3	9.6	0.8	0.9	0.9	185.2	83.1
(MNTS, 30,100,H,H,AH,3)	30.1	-140.3	9.6	0.6	0.9	0.9	185.0	82.9
(MNTS, 30,100,H,H,AH,6)	30.1	-142.7	9.6	1.1	0.9	0.9	187.8	85.7
(MNTS, 30,100,H,H,AH,9)	30.1	-140.3	9.6	0.8	0.9	0.9	185.2	83.1
(KLIR, 27,100,H,H, P,3)	42.2	-99.5		1.5		0.9	148.4	47.5
(KLIR, 27,100,H,H, P,6)	42.2	-104.3		1.4		0.9	153.1	52.2
(KLIR, 27,100,H,H, P,9)	42.2	-103.7		1.2		0.9	152.3	51.4
(KLIR, 27,100,H,H,AV,3)	42.2	-99.5		1.5		0.9	148.4	47.5
(KLIR, 27,100,H,H,AV,6)	42.2	-104.3		1.4		0.9	153.1	52.2
(KLIR, 27,100,H,H,AV,9)	42.2	-103.7		1.2		0.9	152.3	51.4
(KLIR, 27,100,H,H,AH,3)	42.2	-99.5		1.5		0.9	148.4	47.5
(KLIR, 27,100,H,H,AH,6)	42.2	-104.3		1.4		0.9	153.1	52.2
(KLIR, 27,100,H,H,AH,9)	42.2	-103.7		1.2		0.9	152.3	51.4

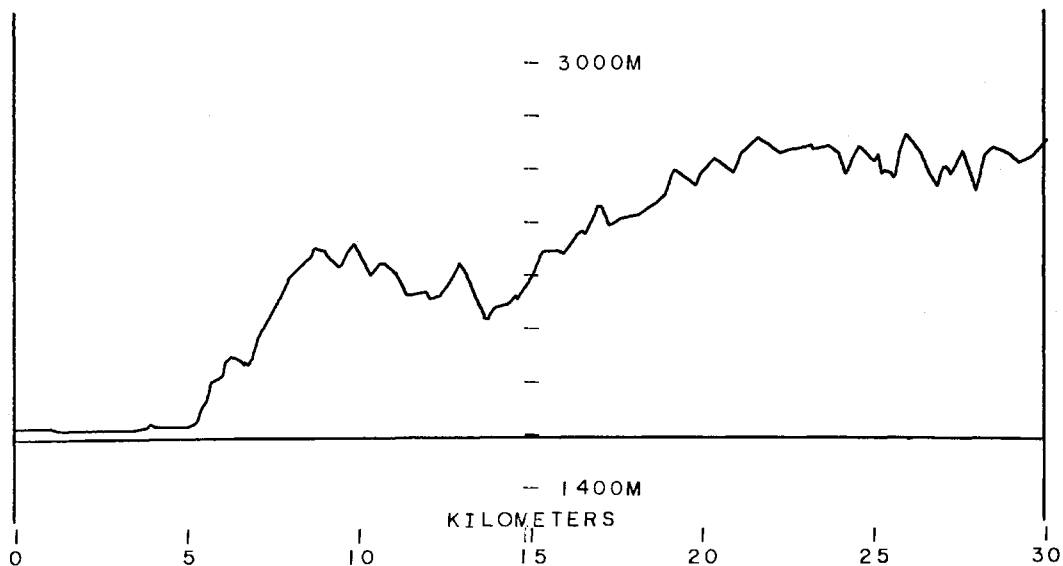
COLORADO MOUNTAINS

B= 30KM

SITE 39

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
(MNTS, 30, 20,V,V, P,3)	24.0	-130.8	-3.7	-2.3	0.1	-0.0	148.7	60.7
(MNTS, 30, 20,V,V,AV,3)	24.0	-130.0	-3.7	-2.3	0.1	-0.0	147.9	59.9
(MNTS, 30, 20,V,V,AH,3)	24.0	-129.0	-3.7	-2.3	0.1	-0.0	146.9	58.9
(MNTS, 30, 50,V,V, P,1)	24.0	-136.0	-2.2	5.4	1.2	0.2	161.8	65.8
(MNTS, 30, 50,V,V, P,3)	24.0	-138.9	-2.2	-0.3	1.2	0.2	159.0	63.0
(MNTS, 30, 50,V,V,AV,1)	24.0	-135.8	-2.2	5.4	1.2	0.2	161.6	65.6
(MNTS, 30, 50,V,V,AV,3)	24.0	-136.8	-2.2	-0.3	1.2	0.2	156.9	60.9
(MNTS, 30, 50,V,V,AH,1)	24.0	-143.3	-2.2	5.4	1.2	0.2	169.1	73.1
(MNTS, 30, 50,V,V,AH,3)	24.0	-137.1	-2.2	-0.3	1.2	0.2	157.2	61.2



COLORADO MOUNTAINS B= 30KM SITE 39

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-04-64	21.86	CLEAR	0%	44.8	64.8

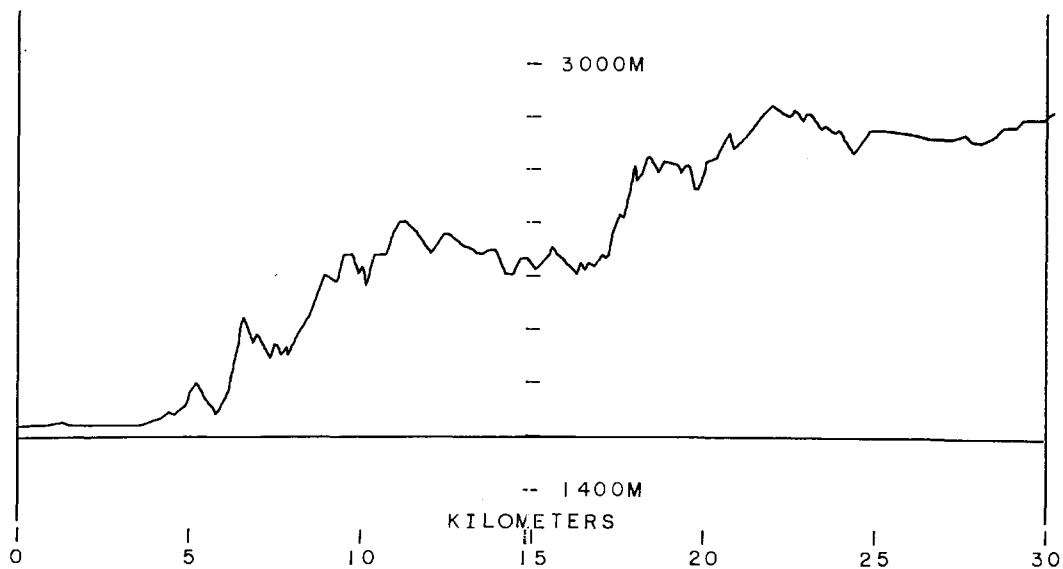
MOUNTAIN SLOPE TOWARD TRANSMITTER SITE, DENSE ASPEN AND PINE 1/4MI.

(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, 30,100,V,V, P,3)	30.1	-129.4	7.6	-4.0	0.9	0.9	167.4	65.4
(MNTS, 30,100,V,V, P,6)	30.1	-125.2	7.6	-2.3	0.9	0.9	164.9	62.8
(MNTS, 30,100,V,V, P,9)	30.1	-120.0	7.6	-2.2	0.9	0.9	159.8	57.7
(MNTS, 30,100,V,V,AV,3)	30.1	-116.2	7.6	-4.0	0.9	0.9	154.2	52.1
(MNTS, 30,100,V,V,AV,6)	30.1	-121.7	7.6	-2.3	0.9	0.9	161.5	59.4
(MNTS, 30,100,V,V,AV,9)	30.1	-117.0	7.6	-2.2	0.9	0.9	156.8	54.8
(MNTS, 30,100,V,V,AH,3)	30.1	-118.4	7.6	-4.0	0.9	0.9	156.5	54.4
(MNTS, 30,100,V,V,AH,6)	30.1	-121.9	7.6	-2.3	0.9	0.9	161.6	59.5
(MNTS, 30,100,V,V,AH,9)	30.1	-115.1	7.6	-2.2	0.9	0.9	154.9	52.8
(MNTS, 30,100,H,V, P,3)	30.1	-126.1	9.6	-24.4	0.9	0.9	145.8	43.7
(MNTS, 30,100,H,V, P,6)	30.1	-133.2	9.6	-25.0	0.9	0.9	152.2	50.2
(MNTS, 30,100,H,V, P,9)	30.1	-133.2	9.6	-21.2	0.9	0.9	156.0	54.0
(MNTS, 30,100,H,V,AV,3)	30.1	-121.3	9.6	-24.4	0.9	0.9	140.9	38.9
(MNTS, 30,100,H,V,AV,6)	30.1	-134.1	9.6	-25.0	0.9	0.9	153.1	51.0
(MNTS, 30,100,H,V,AV,9)	30.1	-120.1	9.6	-21.2	0.9	0.9	142.9	40.9
(MNTS, 30,100,H,V,AH,3)	30.1	-117.0	9.6	-24.4	0.9	0.9	136.6	34.6
(MNTS, 30,100,H,V,AH,6)	30.1	-123.2	9.6	-25.0	0.9	0.9	142.2	40.2
(MNTS, 30,100,H,V,AH,9)	30.1	-120.5	9.6	-21.2	0.9	0.9	143.3	41.2
(MNTS, 30,100,V,H, P,3)	30.1	-131.7	7.6	-18.2	0.9	0.9	155.5	53.4
(MNTS, 30,100,V,H, P,6)	30.1	-126.4	7.6	-16.4	0.9	0.9	152.0	49.9
(MNTS, 30,100,V,H, P,9)	30.1	-126.4	7.6	-16.1	0.9	0.9	152.3	50.2
(MNTS, 30,100,V,H,AV,3)	30.1	-122.5	7.6	-18.2	0.9	0.9	146.4	44.3
(MNTS, 30,100,V,H,AV,6)	30.1	-119.5	7.6	-16.4	0.9	0.9	145.1	43.1
(MNTS, 30,100,V,H,AV,9)	30.1	-125.0	7.6	-16.1	0.9	0.9	150.9	48.8
(MNTS, 30,100,V,H,AH,3)	30.1	-120.5	7.6	-18.2	0.9	0.9	144.3	42.2
(MNTS, 30,100,V,H,AH,6)	30.1	-120.5	7.6	-16.4	0.9	0.9	146.1	44.0
(MNTS, 30,100,V,H,AH,9)	30.1	-123.4	7.6	-16.1	0.9	0.9	149.3	47.2
(MNTS, 30,100,H,H, P,3)	30.1	-114.7	9.6	-0.2	0.9	0.9	158.6	56.5
(MNTS, 30,100,H,H, P,6)	30.1	-111.2	9.6	1.1	0.9	0.9	156.3	54.3
(MNTS, 30,100,H,H, P,9)	30.1	-113.8	9.6	0.6	0.9	0.9	158.4	56.3
(MNTS, 30,100,H,H,AV,3)	30.1	-109.0	9.6	-0.2	0.9	0.9	152.9	50.8
(MNTS, 30,100,H,H,AV,6)	30.1	-109.8	9.6	1.1	0.9	0.9	154.9	52.8
(MNTS, 30,100,H,H,AV,9)	30.1	-108.4	9.6	0.6	0.9	0.9	153.0	50.9
(MNTS, 30,100,H,H,AH,3)	30.1	-106.6	9.6	-0.2	0.9	0.9	150.5	48.4
(MNTS, 30,100,H,H,AH,6)	30.1	-106.1	9.6	1.1	0.9	0.9	151.3	49.2
(MNTS, 30,100,H,H,AH,9)	30.1	-110.2	9.6	0.6	0.9	0.9	154.8	52.7
(KLIR, 34,100,H,H, P,3)	42.2	-107.5		-1.8		0.9	153.1	50.0
(KLIR, 34,100,H,H, P,6)	42.2	-113.5		1.4		0.9	162.3	59.2
(KLIR, 34,100,H,H, P,9)	42.2	-113.5		1.0		0.9	161.9	58.8
(KLIR, 34,100,H,H,AV,3)	42.2	-109.4		-1.8		0.9	155.0	51.9
(KLIR, 34,100,H,H,AV,6)	42.2	-108.4		1.4		0.9	157.2	54.1
(KLIR, 34,100,H,H,AV,9)	42.2	-106.6		1.0		0.9	155.0	52.0
(KLIR, 34,100,H,H,AH,3)	42.2	-105.0		-1.8		0.9	150.6	47.5
(KLIR, 34,100,H,H,AH,6)	42.2	-103.4		1.4		0.9	152.2	49.1
(KLIR, 34,100,H,H,AH,9)	42.2	-110.2		1.0		0.9	158.6	55.5

COLORADO MOUNTAINS B= 30KM SITE 40

DATE 11-05-64

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 30, 20,V,V, P,3)	24.0	-131.2	-3.3	1.0	0.1	-0.0	152.8	64.8
(MNTS, 30, 20,V,V,AV,3)	24.0	-143.0	-3.3	1.0	0.1	-0.0	164.6	76.6
(MNTS, 30, 20,V,V,AH,3)	24.0	-131.2	-3.3	1.0	0.1	-0.0	152.8	64.8
(MNTS, 30, 50,V,V, P,1)	24.0	-136.5	-2.2	-1.0	1.2	0.2	155.9	59.9
(MNTS, 30, 50,V,V, P,3)	24.0	-131.8	-2.2	6.9	1.2	0.2	159.1	63.1
(MNTS, 30, 50,V,V,AV,1)	24.0	-136.3	-2.2	-1.0	1.2	0.2	155.7	59.7
(MNTS, 30, 50,V,V,AV,3)	24.0	-142.2	-2.2	6.9	1.2	0.2	169.5	73.5
(MNTS, 30, 50,V,V,AH,1)	24.0	-136.5	-2.2	-1.0	1.2	0.2	155.9	59.9
(MNTS, 30, 50,V,V,AH,3)	24.0	-131.8	-2.2	6.9	1.2	0.2	159.1	63.1



COLORADO MOUNTAINS B= 30KM SITE 40

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-08-64	21.46	L1,H1	98%	46.3	64.2

DENSE GROWTH OF TREES. VISIBILITY 100FT INTO WOODS, MOUNTAIN IN BACKGROUND. HORIZON IS 5MI.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(MNTS, 30,100,V,V, P,3)	30.1	-116.3	7.6	0.8	0.9	0.9	159.2	57.1
(MNTS, 30,100,V,V, P,6)	30.1	-121.2	7.6	-0.4	0.9	0.9	162.8	60.7
(MNTS, 30,100,V,V, P,9)	30.1	-115.9	7.6	-1.2	0.9	0.9	156.8	54.7
(MNTS, 30,100,V,V,AV,3)	30.1	-110.2	7.6	0.8	0.9	0.9	153.0	50.9
(MNTS, 30,100,V,V,AV,6)	30.1	-115.8	7.6	-0.4	0.9	0.9	157.4	55.3
(MNTS, 30,100,V,V,AV,9)	30.1	-118.4	7.6	-1.2	0.9	0.9	159.3	57.2
(MNTS, 30,100,V,V,AH,3)	30.1	-116.3	7.6	0.8	0.9	0.9	159.2	57.1
(MNTS, 30,100,V,V,AH,6)	30.1	-121.2	7.6	-0.4	0.9	0.9	162.8	60.7
(MNTS, 30,100,V,V,AH,9)	30.1	-115.9	7.6	-1.2	0.9	0.9	156.8	54.7
(MNTS, 30,100,H,V, P,3)	30.1	-132.9	9.6	-16.5	0.9	0.9	160.5	58.4
(MNTS, 30,100,H,V, P,6)	30.1	-129.4	9.6	-14.5	0.9	0.9	158.9	56.9
(MNTS, 30,100,H,V, P,9)	30.1	-131.9	9.6	-17.9	0.9	0.9	158.0	56.0
(MNTS, 30,100,H,V,AV,3)	30.1	-123.9	9.6	-16.5	0.9	0.9	151.5	49.4
(MNTS, 30,100,H,V,AV,6)	30.1	-123.9	9.6	-14.5	0.9	0.9	153.5	51.4
(MNTS, 30,100,H,V,AV,9)	30.1	-123.9	9.6	-17.9	0.9	0.9	150.1	48.0
(MNTS, 30,100,H,V,AH,3)	30.1	-132.9	9.6	-16.5	0.9	0.9	160.5	58.4
(MNTS, 30,100,H,V,AH,6)	30.1	-129.4	9.6	-14.5	0.9	0.9	158.9	56.9
(MNTS, 30,100,H,V,AH,9)	30.1	-131.9	9.6	-17.9	0.9	0.9	158.0	56.0
(MNTS, 30,100,V,H, P,3)	30.1	-118.0	7.6	-18.7	0.9	0.9	141.4	39.3
(MNTS, 30,100,V,H, P,6)	30.1	-119.9	7.6	-15.7	0.9	0.9	146.2	44.1
(MNTS, 30,100,V,H, P,9)	30.1	-118.9	7.6	-16.2	0.9	0.9	144.8	42.7
(MNTS, 30,100,V,H,AV,3)	30.1	-121.3	7.6	-18.7	0.9	0.9	144.6	42.6
(MNTS, 30,100,V,H,AV,6)	30.1	-124.1	7.6	-15.7	0.9	0.9	150.5	48.4
(MNTS, 30,100,V,H,AV,9)	30.1	-120.2	7.6	-16.2	0.9	0.9	146.1	44.0
(MNTS, 30,100,V,H,AH,3)	30.1	-118.0	7.6	-18.7	0.9	0.9	141.4	39.3
(MNTS, 30,100,V,H,AH,6)	30.1	-119.9	7.6	-15.7	0.9	0.9	146.2	44.1
(MNTS, 30,100,V,H,AH,9)	30.1	-118.9	7.6	-16.2	0.9	0.9	144.8	42.7
(MNTS, 30,100,H,H, P,3)	30.1	-107.6	9.6	0.7	0.9	0.9	152.4	50.3
(MNTS, 30,100,H,H, P,6)	30.1	-110.2	9.6	1.7	0.9	0.9	155.9	53.8
(MNTS, 30,100,H,H, P,9)	30.1	-113.5	9.6	1.4	0.9	0.9	158.9	56.8
(MNTS, 30,100,H,H,AV,3)	30.1	-111.4	9.6	0.7	0.9	0.9	156.2	54.1
(MNTS, 30,100,H,H,AV,6)	30.1	-109.4	9.6	1.7	0.9	0.9	155.1	53.1
(MNTS, 30,100,H,H,AV,9)	30.1	-112.1	9.6	1.4	0.9	0.9	157.6	55.5
(MNTS, 30,100,H,H,AH,3)	30.1	-107.6	9.6	0.7	0.9	0.9	152.4	50.3
(MNTS, 30,100,H,H,AH,6)	30.1	-110.2	9.6	1.7	0.9	0.9	155.9	53.8
(MNTS, 30,100,H,H,AH,9)	30.1	-113.5	9.6	1.4	0.9	0.9	158.9	56.8
(KLIR, 40,100,H,H, P,3)	42.2	-81.4		1.1		0.9	129.9	25.4
(KLIR, 40,100,H,H, P,6)	42.2	-84.4		1.6		0.9	133.4	28.9
(KLIR, 40,100,H,H, P,9)	42.2	-87.5		1.2		0.9	136.1	31.5
(KLIR, 40,100,H,H,AV,3)	42.2	-87.6		1.1		0.9	136.1	31.5
(KLIR, 40,100,H,H,AV,6)	42.2	-86.9		1.6		0.9	135.9	31.3
(KLIR, 40,100,H,H,AV,9)	42.2	-90.2		1.2		0.9	138.8	34.2
(KLIR, 40,100,H,H,AH,3)	42.2	-81.4		1.1		0.9	129.9	25.4
(KLIR, 40,100,H,H,AH,6)	42.2	-84.4		1.6		0.9	133.4	28.9
(KLIR, 40,100,H,H,AH,9)	42.2	-87.5		1.2		0.9	136.1	31.5

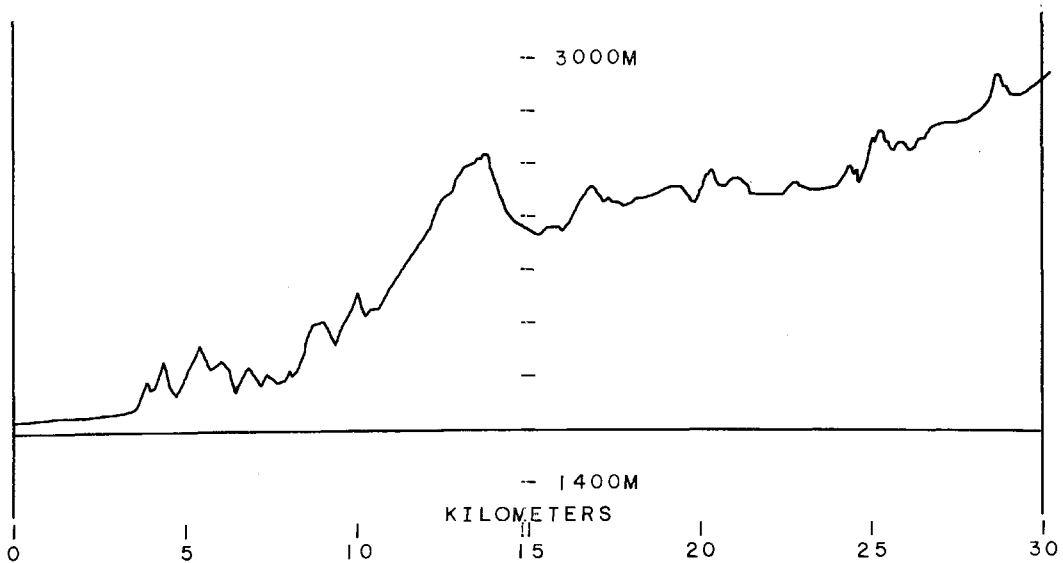
COLORADO MOUNTAINS

B= 30KM

SITE 41

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
(MNTS, 30, 20,V,V, P,3)	24.0	-116.9	-3.0	-1.6	0.1	-0.0	136.2	48.2
(MNTS, 30, 20,V,V,AV,3)	24.0	-121.0	-3.0	-2.0	0.1	-0.0	139.9	51.9
(MNTS, 30, 20,V,V,AH,3)	24.0	-119.0	-3.0	-2.0	0.1	-0.0	137.9	49.9
(MNTS, 30, 50,V,V, P,1)	24.0	-118.1	-2.2	0.9	1.2	0.2	139.4	43.4
(MNTS, 30, 50,V,V, P,3)	24.0	-116.5	-2.2	-2.0	1.2	0.2	134.9	38.9
(MNTS, 30, 50,V,V,AV,1)	24.0	-121.0	-2.2	4.4	1.2	0.2	145.8	49.8
(MNTS, 30, 50,V,V,AV,3)	24.0	-124.9	-2.2	-2.5	1.2	0.2	142.8	46.8
(MNTS, 30, 50,V,V,AH,1)	24.0	-118.3	-2.2	4.4	1.2	0.2	143.1	47.1
(MNTS, 30, 50,V,V,AH,3)	24.0	-117.2	-2.2	-2.5	1.2	0.2	135.1	39.1



COLORADO MOUNTAINS R= 30KM SITE 41

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-09-64	21.18	H1,L1	80%	49.0	65.8

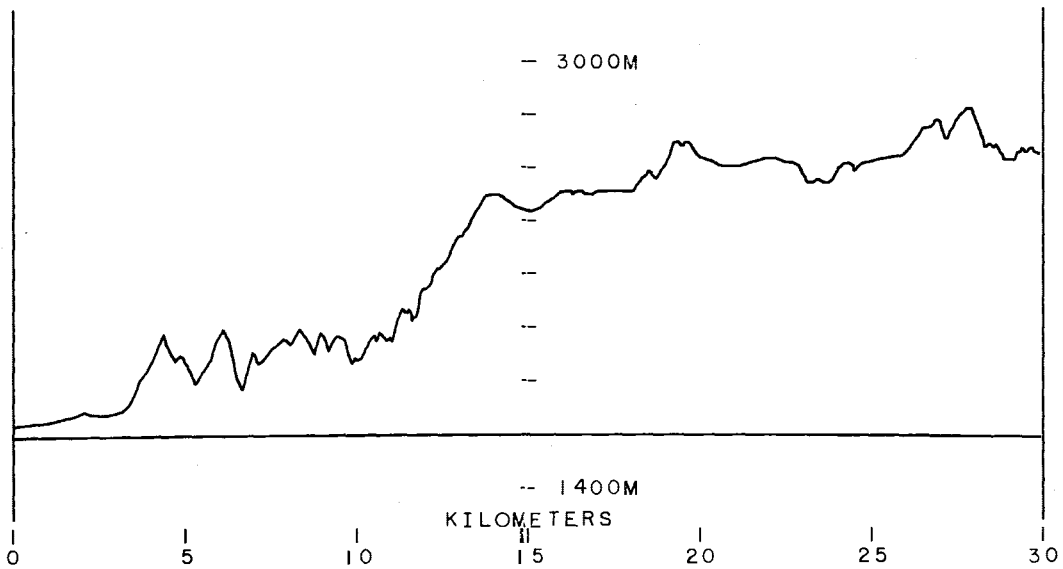
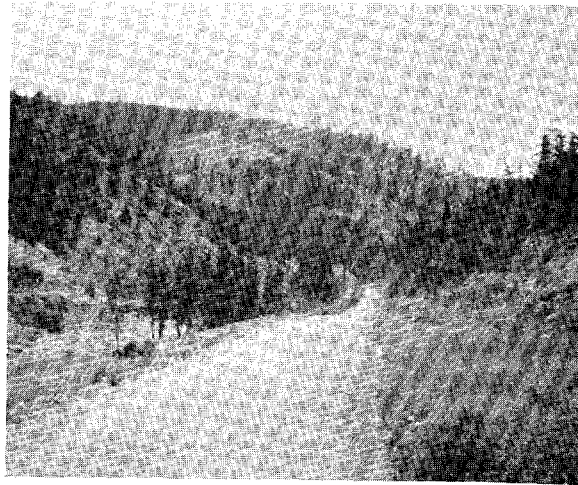
SITE IS IN A VALLEY, 700FT HIGH WITH LINING OF TREES. STREAM AND ROAD GO DOWN MOUNTAIN SIDE.

(T,R,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 30,100,V,V, P,3)	30.1	-103.9	7.6	2.4	0.9	0.9	148.4	46.3
(MNTS, 30,100,V,V, P,6)	30.1	-106.9	7.6	-0.6	0.9	0.9	148.3	46.3
(MNTS, 30,100,V,V, P,9)	30.1	-105.0	7.6	-0.9	0.9	0.9	146.1	44.0
(MNTS, 30,100,V,V,AV,3)	30.1	-99.3	7.6	-1.0	0.9	0.9	140.3	38.2
(MNTS, 30,100,V,V,AV,6)	30.1	-105.2	7.6	-1.5	0.9	0.9	145.7	43.6
(MNTS, 30,100,V,V,AV,9)	30.1	-108.7	7.6	-2.0	0.9	0.9	148.7	46.7
(MNTS, 30,100,V,V,AH,3)	30.1	-101.4	7.6	-1.0	0.9	0.9	142.5	40.4
(MNTS, 30,100,V,V,AH,6)	30.1	-101.4	7.6	-1.5	0.9	0.9	142.0	39.9
(MNTS, 30,100,V,V,AH,9)	30.1	-101.4	7.6	-2.0	0.9	0.9	141.5	39.4
(MNTS, 30,100,H,V, P,3)	30.1	-109.0	9.6	-23.0	0.9	0.9	130.1	28.0
(MNTS, 30,100,H,V, P,6)	30.1	-107.8	9.6	-19.0	0.9	0.9	132.8	30.7
(MNTS, 30,100,H,V, P,9)	30.1	-105.6	9.6	-23.5	0.9	0.9	126.2	24.1
(MNTS, 30,100,H,V,AV,3)	30.1	-106.9	9.6	-15.5	0.9	0.9	135.4	33.4
(MNTS, 30,100,H,V,AV,6)	30.1	-108.1	9.6	-13.4	0.9	0.9	138.7	36.6
(MNTS, 30,100,H,V,AV,9)	30.1	-105.0	9.6	-15.5	0.9	0.9	133.5	31.4
(MNTS, 30,100,H,V,AH,3)	30.1	-105.9	9.6	-15.5	0.9	0.9	134.4	32.3
(MNTS, 30,100,H,V,AH,6)	30.1	-105.0	9.6	-13.4	0.9	0.9	135.6	33.5
(MNTS, 30,100,H,V,AH,9)	30.1	-105.0	9.6	-15.5	0.9	0.9	133.5	31.4
(MNTS, 30,100,V,H, P,3)	30.1	-117.8	7.6	-24.1	0.9	0.9	135.8	33.7
(MNTS, 30,100,V,H, P,6)	30.1	-109.8	7.6	-19.8	0.9	0.9	132.0	29.9
(MNTS, 30,100,V,H, P,9)	30.1	-107.2	7.6	-19.1	0.9	0.9	130.1	28.0
(MNTS, 30,100,V,H,AV,3)	30.1	-109.8	7.6	-21.3	0.9	0.9	130.5	28.4
(MNTS, 30,100,V,H,AV,6)	30.1	-112.9	7.6	-18.0	0.9	0.9	137.0	34.9
(MNTS, 30,100,V,H,AV,9)	30.1	-116.2	7.6	-16.0	0.9	0.9	142.2	40.1
(MNTS, 30,100,V,H,AH,3)	30.1	-106.4	7.6	-21.3	0.9	0.9	127.1	25.0
(MNTS, 30,100,V,H,AH,6)	30.1	-106.4	7.6	-18.0	0.9	0.9	130.4	28.3
(MNTS, 30,100,V,H,AH,9)	30.1	-121.2	7.6	-16.0	0.9	0.9	147.2	45.1
(MNTS, 30,100,H,H, P,3)	30.1	-97.4	9.6	0.4	0.9	0.9	141.9	39.8
(MNTS, 30,100,H,H, P,6)	30.1	-98.1	9.6	1.1	0.9	0.9	143.3	41.2
(MNTS, 30,100,H,H, P,9)	30.1	-99.5	9.6	0.7	0.9	0.9	144.2	42.2
(MNTS, 30,100,H,H,AV,3)	30.1	-97.4	9.6	-1.3	0.9	0.9	140.2	38.1
(MNTS, 30,100,H,H,AV,6)	30.1	-96.2	9.6	1.6	0.9	0.9	141.8	39.7
(MNTS, 30,100,H,H,AV,9)	30.1	-102.4	9.6	1.1	0.9	0.9	147.5	45.4
(MNTS, 30,100,H,H,AH,3)	30.1	-95.8	9.6	-1.3	0.9	0.9	138.5	36.4
(MNTS, 30,100,H,H,AH,6)	30.1	-94.1	9.6	1.6	0.9	0.9	139.7	37.6
(MNTS, 30,100,H,H,AH,9)	30.1	-105.4	9.6	1.1	0.9	0.9	150.6	48.5
(KLIR, 45,100,H,H, P,3)	42.2	-115.8		-0.1		0.9	163.1	57.5
(KLIR, 45,100,H,H, P,6)	42.2	-110.6		1.5		0.9	159.5	53.9
(KLIR, 45,100,H,H, P,9)	42.2	-120.3		1.3		0.9	169.0	63.5
(KLIR, 45,100,H,H,AV,3)	42.2	-115.4		0.0		0.9	162.8	57.3
(KLIR, 45,100,H,H,AV,6)	42.2	-111.9		1.1		0.9	160.4	54.9
(KLIR, 45,100,H,H,AV,9)	42.2	-111.7		0.8		0.9	159.9	54.3
(KLIR, 45,100,H,H,AH,3)	42.2	-120.1		0.0		0.9	167.5	62.0
(KLIR, 45,100,H,H,AH,6)	42.2	-115.1		1.1		0.9	163.6	58.0
(KLIR, 45,100,H,H,AH,9)	42.2	-110.2		0.8		0.9	158.4	52.8

COLORADO MOUNTAINS B= 30KM SITE 42

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
(MNTS, 30, 20,V,V, P,3)	24.0	-143.8	-2.8	1.2	0.1	-0.0	166.1	78.1
(MNTS, 30, 20,V,V,AV,3)	24.0	-143.8	-2.8	1.2	0.1	-0.0	166.1	78.1
(MNTS, 30, 20,V,V,AH,3)	24.0	-143.8	-2.8	1.2	0.1	-0.0	166.1	78.1
(MNTS, 30, 50,V,V, P,1)	24.0	-150.0	-2.2	-1.8	1.2	0.2	168.6	72.6
(MNTS, 30, 50,V,V, P,3)	24.0	-146.5	-2.2	6.9	1.2	0.2	173.8	77.8
(MNTS, 30, 50,V,V,AV,1)	24.0	-150.0	-2.2	-1.8	1.2	0.2	168.6	72.6
(MNTS, 30, 50,V,V,AV,3)	24.0	-146.5	-2.2	6.9	1.2	0.2	173.8	77.8
(MNTS, 30, 50,V,V,AH,1)	24.0	-150.0	-2.2	-1.8	1.2	0.2	168.6	72.6
(MNTS, 30, 50,V,V,AH,3)	24.0	-146.5	-2.2	6.9	1.2	0.2	173.8	77.8



COLORADO MOUNTAINS R= 30KM SITE 42

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
09-09-64	PRESSURE	TYPE	PERCENT	WET	DRY
	21.90	H1,L1	90%	53.0	68.5

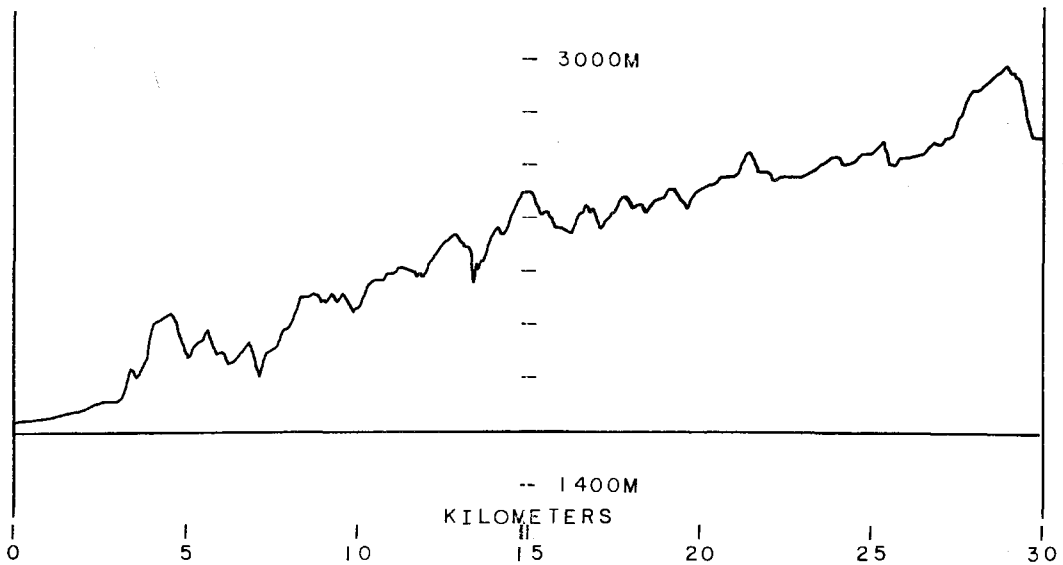
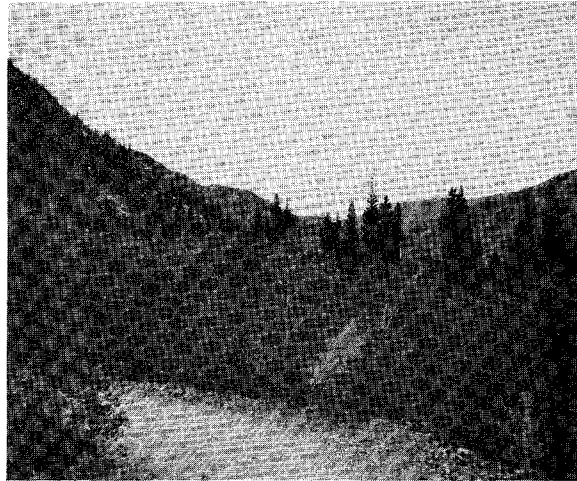
SITE IS IN A VALLEY WITH TREES ON BOTH SIDES OF ROAD, STREAM SOFT TO NORTH. RAILROAD 100FT TO NORTH WITH 15-WIRE PHONE LINE.

(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, 30,100,V,V, P,3)	30.1	-136.2	7.6	0.8	0.9	0.9	179.0	76.9
(MNTS, 30,100,V,V, P,6)	30.1	-136.2	7.6	-0.6	0.9	0.9	177.6	75.5
(MNTS, 30,100,V,V, P,9)	30.1	-136.2	7.6	-1.2	0.9	0.9	177.0	74.9
(MNTS, 30,100,V,V,AV,3)	30.1	-136.2	7.6	0.8	0.9	0.9	179.0	76.9
(MNTS, 30,100,V,V,AV,6)	30.1	-136.2	7.6	-0.6	0.9	0.9	177.6	75.5
(MNTS, 30,100,V,V,AV,9)	30.1	-136.2	7.6	-1.2	0.9	0.9	177.0	74.9
(MNTS, 30,100,V,V,AH,3)	30.1	-136.2	7.6	0.8	0.9	0.9	179.0	76.9
(MNTS, 30,100,V,V,AH,6)	30.1	-136.2	7.6	-0.6	0.9	0.9	177.6	75.5
(MNTS, 30,100,V,V,AH,9)	30.1	-136.2	7.6	-1.2	0.9	0.9	177.0	74.9
(MNTS, 30,100,H,V, P,3)	30.1	-139.2	9.6	-16.2	0.9	0.9	167.0	64.9
(MNTS, 30,100,H,V, P,6)	30.1	-139.2	9.6	14.5	0.9	0.9	197.7	95.6
(MNTS, 30,100,H,V, P,9)	30.1	-139.2	9.6	-17.8	0.9	0.9	165.4	63.3
(MNTS, 30,100,H,V,AV,3)	30.1	-139.2	9.6	-16.2	0.9	0.9	167.0	64.9
(MNTS, 30,100,H,V,AV,6)	30.1	-139.2	9.6	14.5	0.9	0.9	197.7	95.6
(MNTS, 30,100,H,V,AV,9)	30.1	-139.2	9.6	-17.8	0.9	0.9	165.4	63.3
(MNTS, 30,100,H,V,AH,3)	30.1	-139.2	9.6	-16.2	0.9	0.9	167.0	64.9
(MNTS, 30,100,H,V,AH,6)	30.1	-139.2	9.6	14.5	0.9	0.9	197.7	95.6
(MNTS, 30,100,H,V,AH,9)	30.1	-139.2	9.6	-17.8	0.9	0.9	165.4	63.3
(MNTS, 30,100,V,H, P,3)	30.1	-138.1	7.6	-19.2	0.9	0.9	161.0	58.9
(MNTS, 30,100,V,H, P,6)	30.1	-142.2	7.6	-16.7	0.9	0.9	167.5	65.4
(MNTS, 30,100,V,H, P,9)	30.1	-142.2	7.6	-18.2	0.9	0.9	166.0	63.9
(MNTS, 30,100,V,H,AV,3)	30.1	-138.1	7.6	-19.2	0.9	0.9	161.0	58.9
(MNTS, 30,100,V,H,AV,6)	30.1	-142.2	7.6	-16.7	0.9	0.9	167.5	65.4
(MNTS, 30,100,V,H,AV,9)	30.1	-142.2	7.6	-18.2	0.9	0.9	166.0	63.9
(MNTS, 30,100,V,H,AH,3)	30.1	-138.1	7.6	-19.2	0.9	0.9	161.0	58.9
(MNTS, 30,100,V,H,AH,6)	30.1	-142.2	7.6	-16.7	0.9	0.9	167.5	65.4
(MNTS, 30,100,V,H,AH,9)	30.1	-142.2	7.6	-18.2	0.9	0.9	166.0	63.9
(MNTS, 30,100,H,H, P,3)	30.1	-135.8	9.6	0.5	0.9	0.9	180.3	78.2
(MNTS, 30,100,H,H, P,6)	30.1	-140.1	9.6	1.6	0.9	0.9	185.7	83.7
(MNTS, 30,100,H,H, P,9)	30.1	-140.1	9.6	1.4	0.9	0.9	185.5	83.5
(MNTS, 30,100,H,H,AV,3)	30.1	-135.8	9.6	0.5	0.9	0.9	180.3	78.2
(MNTS, 30,100,H,H,AV,6)	30.1	-140.1	9.6	1.6	0.9	0.9	185.7	83.7
(MNTS, 30,100,H,H,AV,9)	30.1	-140.1	9.6	1.4	0.9	0.9	185.5	83.5
(MNTS, 30,100,H,H,AH,3)	30.1	-135.8	9.6	0.5	0.9	0.9	180.3	78.2
(MNTS, 30,100,H,H,AH,6)	30.1	-140.1	9.6	1.6	0.9	0.9	185.7	83.7
(MNTS, 30,100,H,H,AH,9)	30.1	-140.1	9.6	1.4	0.9	0.9	185.5	83.5
(KLIR, 48,100,H,H, P,3)	42.2	-134.4		1.0		0.9	182.8	76.6
(KLIR, 48,100,H,H, P,6)	42.2	-130.6		1.4		0.9	179.4	73.2
(KLIR, 48,100,H,H, P,9)	42.2	-129.4		1.1		0.9	177.9	71.7
(KLIR, 48,100,H,H,AV,3)	42.2	-134.4		1.0		0.9	182.8	76.6
(KLIR, 48,100,H,H,AV,6)	42.2	-130.6		1.4		0.9	179.4	73.2
(KLIR, 48,100,H,H,AV,9)	42.2	-129.4		1.1		0.9	177.9	71.7
(KLIR, 48,100,H,H,AH,3)	42.2	-134.4		1.0		0.9	182.8	76.6
(KLIR, 48,100,H,H,AH,6)	42.2	-130.6		1.4		0.9	179.4	73.2
(KLIR, 48,100,H,H,AH,9)	42.2	-129.4		1.1		0.9	177.9	71.7

COLORADO MOUNTAINS B= 30KM SITE 43

DATE 10-22-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 30, 20,V,V, P,3)	24.0	-141.8	-2.4	1.5	0.1	-0.0	164.8	76.8
(MNTS, 30, 20,V,V,AV,3)	24.0	-142.2	-2.4	0.3	0.1	-0.0	164.0	76.0
(MNTS, 30, 20,V,V,AH,3)	24.0	-141.8	-2.4	0.3	0.1	-0.0	163.6	75.6
(MNTS, 30, 50,V,V, P,1)	24.0	-142.2	-2.2	-4.1	1.2	0.2	158.5	62.5
(MNTS, 30, 50,V,V, P,3)	24.0	-141.8	-2.2	5.0	1.2	0.2	167.2	71.2
(MNTS, 30, 50,V,V,AV,1)	24.0	-149.1	-2.2	1.0	1.2	0.2	170.5	74.5
(MNTS, 30, 50,V,V,AV,3)	24.0	-142.2	-2.2	6.6	1.2	0.2	169.2	73.2
(MNTS, 30, 50,V,V,AH,1)	24.0	-142.2	-2.2	1.0	1.2	0.2	163.6	67.6
(MNTS, 30, 50,V,V,AH,3)	24.0	-141.8	-2.2	6.6	1.2	0.2	168.8	72.8



COLORADO MOUNTAINS B= 30KM SITE 43

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

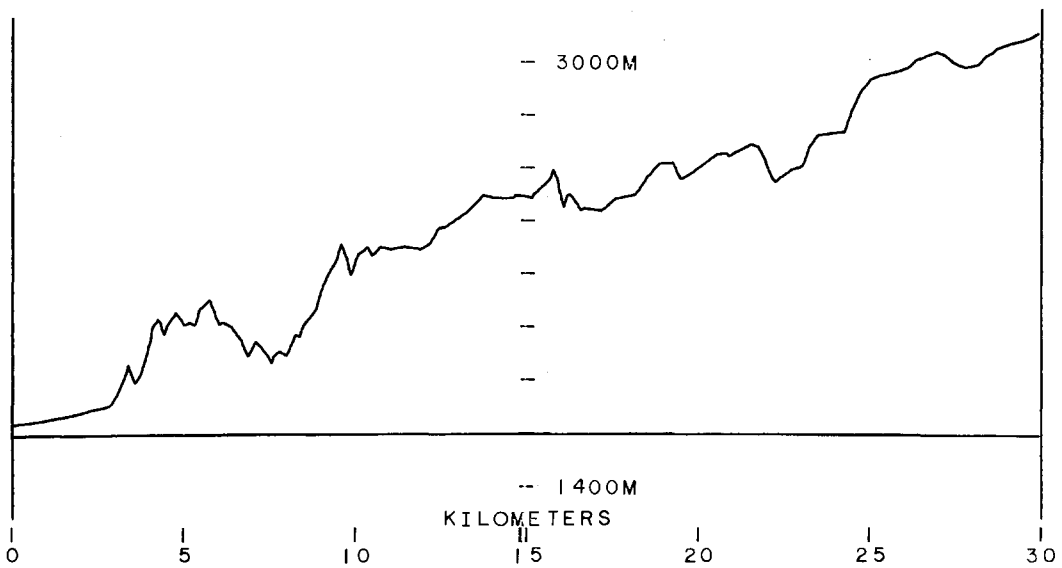
DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-09-64	21.76	L1,H1	98%	52.8	66.8

SITE IS IN A VALLEY 1500FT ON BOTH SIDES. 1/2MI DISTANT. VALLEY IS HEAVILY WOODED.

(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, 30,100,V,V, P,3)	30.1	-126.9	7.6	0.5	0.9	0.9	169.4	67.4
(MNTS, 30,100,V,V, P,6)	30.1	-120.7	7.6	-0.4	0.9	0.9	162.4	60.3
(MNTS, 30,100,V,V, P,9)	30.1	-124.5	7.6	-1.2	0.9	0.9	165.4	63.3
(MNTS, 30,100,V,V,AV,3)	30.1	-111.9	7.6	0.6	0.9	0.9	154.5	52.5
(MNTS, 30,100,V,V,AV,6)	30.1	-116.2	7.6	-1.0	0.9	0.9	157.2	55.1
(MNTS, 30,100,V,V,AV,9)	30.1	-115.3	7.6	-1.5	0.9	0.9	155.8	53.7
(MNTS, 30,100,V,V,AH,3)	30.1	-111.9	7.6	0.6	0.9	0.9	154.5	52.5
(MNTS, 30,100,V,V,AH,6)	30.1	-116.2	7.6	-1.0	0.9	0.9	157.2	55.1
(MNTS, 30,100,V,V,AH,9)	30.1	-115.3	7.6	-1.5	0.9	0.9	155.8	53.7
(MNTS, 30,100,H,V, P,3)	30.1	-132.9	9.6	-20.0	0.9	0.9	157.0	54.9
(MNTS, 30,100,H,V, P,6)	30.1	-138.9	9.6	-18.8	0.9	0.9	164.2	62.1
(MNTS, 30,100,H,V, P,9)	30.1	-138.9	9.6	-20.5	0.9	0.9	162.5	60.4
(MNTS, 30,100,H,V,AV,3)	30.1	-125.9	9.6	-24.5	0.9	0.9	145.4	43.3
(MNTS, 30,100,H,V,AV,6)	30.1	-136.2	9.6	-16.5	0.9	0.9	163.7	61.6
(MNTS, 30,100,H,V,AV,9)	30.1	-131.0	9.6	-20.0	0.9	0.9	155.0	52.9
(MNTS, 30,100,H,V,AH,3)	30.1	-125.9	9.6	-24.5	0.9	0.9	145.4	43.3
(MNTS, 30,100,H,V,AH,6)	30.1	-136.2	9.6	-16.5	0.9	0.9	163.7	61.6
(MNTS, 30,100,H,V,AH,9)	30.1	-131.0	9.6	-20.0	0.9	0.9	155.0	52.9
(MNTS, 30,100,V,H, P,3)	30.1	-130.2	7.6	-23.0	0.9	0.9	149.2	47.1
(MNTS, 30,100,V,H, P,6)	30.1	-138.9	7.6	-16.0	0.9	0.9	165.0	62.9
(MNTS, 30,100,V,H, P,9)	30.1	-138.9	7.6	-23.5	0.9	0.9	157.5	55.4
(MNTS, 30,100,V,H,AV,3)	30.1	-123.6	7.6	-18.5	0.9	0.9	147.1	45.0
(MNTS, 30,100,V,H,AV,6)	30.1	-121.4	7.6	-15.7	0.9	0.9	147.8	45.7
(MNTS, 30,100,V,H,AV,9)	30.1	-121.7	7.6	-16.0	0.9	0.9	147.8	45.7
(MNTS, 30,100,V,H,AH,3)	30.1	-123.6	7.6	-18.5	0.9	0.9	147.1	45.0
(MNTS, 30,100,V,H,AH,6)	30.1	-121.4	7.6	-15.7	0.9	0.9	147.8	45.7
(MNTS, 30,100,V,H,AH,9)	30.1	-121.7	7.6	-16.0	0.9	0.9	147.8	45.7
(MNTS, 30,100,H,H, P,3)	30.1	-132.9	9.6	-0.5	0.9	0.9	176.5	74.4
(MNTS, 30,100,H,H, P,6)	30.1	-127.8	9.6	1.2	0.9	0.9	173.0	70.9
(MNTS, 30,100,H,H, P,9)	30.1	-138.9	9.6	1.0	0.9	0.9	184.0	81.9
(MNTS, 30,100,H,H,AV,3)	30.1	-117.9	9.6	1.2	0.9	0.9	163.2	61.1
(MNTS, 30,100,H,H,AV,6)	30.1	-122.0	9.6	1.6	0.9	0.9	167.7	65.6
(MNTS, 30,100,H,H,AV,9)	30.1	-119.3	9.6	1.3	0.9	0.9	164.6	62.5
(MNTS, 30,100,H,H,AH,3)	30.1	-117.9	9.6	1.2	0.9	0.9	163.2	61.1
(MNTS, 30,100,H,H,AH,6)	30.1	-122.0	9.6	1.6	0.9	0.9	167.7	65.6
(MNTS, 30,100,H,H,AH,9)	30.1	-119.3	9.6	1.3	0.9	0.9	164.6	62.5
(KLIR, 53,100,H,H, P,3)	42.2	-117.8		1.4		0.9	166.6	59.6
(KLIR, 53,100,H,H, P,6)	42.2	-124.7		1.5		0.9	173.6	66.7
(KLIR, 53,100,H,H, P,9)	42.2	-121.3		1.2		0.9	169.9	62.9
(KLIR, 53,100,H,H,AV,3)	42.2	-121.6		1.1		0.9	170.1	63.1
(KLIR, 53,100,H,H,AV,6)	42.2	-125.2		1.6		0.9	174.2	67.2
(KLIR, 53,100,H,H,AV,9)	42.2	-120.9		1.2		0.9	169.5	62.5
(KLIR, 53,100,H,H,AH,3)	42.2	-121.6		1.1		0.9	170.1	63.1
(KLIR, 53,100,H,H,AH,6)	42.2	-125.2		1.6		0.9	174.2	67.2
(KLIR, 53,100,H,H,AH,9)	42.2	-120.9		1.2		0.9	169.5	62.5

COLORADO MOUNTAINS B= 30KM SITE 44

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

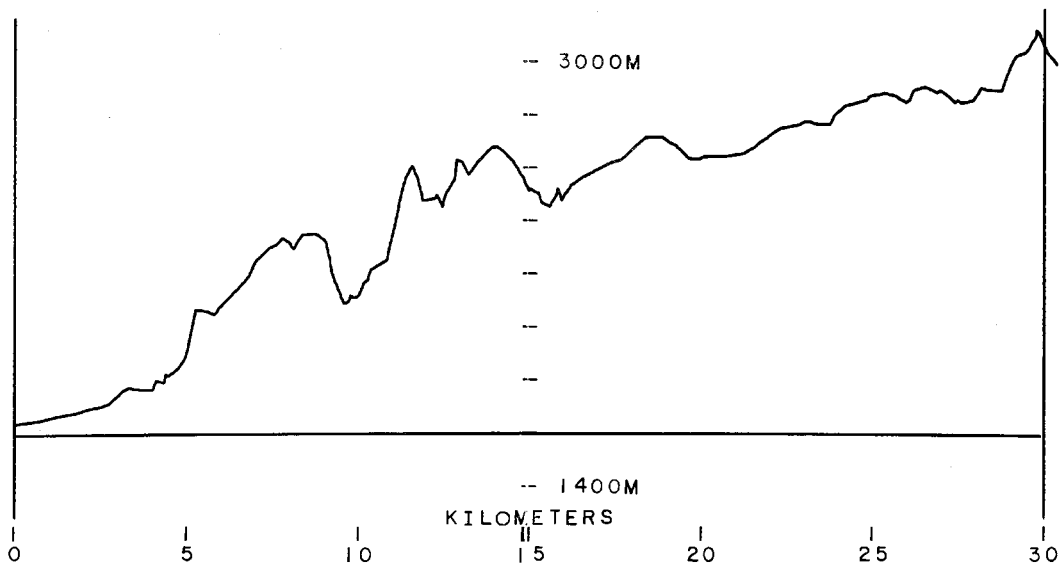
DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WFT	DRY
09-10-64	20.86	L1	20%	45.2	65.0

HORIZON 2 MI. 50% TREE COVER ON PATH TO TRANSMITTER 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
(MNTS, 30,100,V,V, P,3)	30.1	-125.4	7.6	-0.4	0.9	0.9	167.1	65.0
(MNTS, 30,100,V,V, P,6)	30.1	-127.5	7.6	-1.1	0.9	0.9	168.4	66.3
(MNTS, 30,100,V,V, P,9)	30.1	-133.2	7.6	-1.5	0.9	0.9	173.7	71.7
(MNTS, 30,100,V,V,AV,3)	30.1	-111.0	7.6	-0.4	0.9	0.9	152.6	50.5
(MNTS, 30,100,V,V,AV,6)	30.1	-111.0	7.6	-1.1	0.9	0.9	151.9	49.8
(MNTS, 30,100,V,V,AV,9)	30.1	-115.1	7.6	-1.5	0.9	0.9	155.6	53.5
(MNTS, 30,100,V,V,AH,3)	30.1	-122.2	7.6	-0.4	0.9	0.9	163.8	61.7
(MNTS, 30,100,V,V,AH,6)	30.1	-122.2	7.6	-1.1	0.9	0.9	163.1	61.0
(MNTS, 30,100,V,V,AH,9)	30.1	-129.0	7.6	-1.5	0.9	0.9	169.6	67.5
(MNTS, 30,100,H,V, P,3)	30.1	-137.0	9.6	-15.5	0.9	0.9	165.5	63.5
(MNTS, 30,100,H,V, P,6)	30.1	-137.0	9.6	-11.0	0.9	0.9	170.0	68.0
(MNTS, 30,100,H,V, P,9)	30.1	-133.5	9.6	-14.8	0.9	0.9	162.7	60.6
(MNTS, 30,100,H,V,AV,3)	30.1	-126.4	9.6	-15.5	0.9	0.9	154.9	52.8
(MNTS, 30,100,H,V,AV,6)	30.1	-122.8	9.6	-11.0	0.9	0.9	155.9	53.8
(MNTS, 30,100,H,V,AV,9)	30.1	-134.2	9.6	-14.8	0.9	0.9	163.5	61.4
(MNTS, 30,100,H,V,AH,3)	30.1	-123.7	9.6	-15.5	0.9	0.9	152.3	50.2
(MNTS, 30,100,H,V,AH,6)	30.1	-127.5	9.6	-11.0	0.9	0.9	160.5	58.4
(MNTS, 30,100,H,V,AH,9)	30.1	-125.6	9.6	-14.8	0.9	0.9	154.9	52.8
(MNTS, 30,100,V,H, P,3)	30.1	-132.7	7.6	-15.6	0.9	0.9	159.1	57.0
(MNTS, 30,100,V,H, P,6)	30.1	-129.4	7.6	-16.0	0.9	0.9	155.4	53.4
(MNTS, 30,100,V,H, P,9)	30.1	-140.1	7.6	-16.2	0.9	0.9	165.9	63.9
(MNTS, 30,100,V,H,AV,3)	30.1	-118.4	7.6	-15.6	0.9	0.9	144.9	42.8
(MNTS, 30,100,V,H,AV,6)	30.1	-115.4	7.6	-16.0	0.9	0.9	141.5	39.4
(MNTS, 30,100,V,H,AV,9)	30.1	-120.2	7.6	-16.2	0.9	0.9	146.1	44.0
(MNTS, 30,100,V,H,AH,3)	30.1	-125.4	7.6	-15.6	0.9	0.9	151.9	49.8
(MNTS, 30,100,V,H,AH,6)	30.1	-120.3	7.6	-16.0	0.9	0.9	146.4	44.3
(MNTS, 30,100,V,H,AH,9)	30.1	-125.4	7.6	-16.2	0.9	0.9	151.3	49.2
(MNTS, 30,100,H,H, P,3)	30.1	-126.6	9.6	1.0	0.9	0.9	171.7	69.6
(MNTS, 30,100,H,H, P,6)	30.1	-123.6	9.6	1.4	0.9	0.9	169.0	66.9
(MNTS, 30,100,H,H, P,9)	30.1	-132.9	9.6	1.1	0.9	0.9	178.1	76.0
(MNTS, 30,100,H,H,AV,3)	30.1	-112.9	9.6	1.0	0.9	0.9	158.0	55.9
(MNTS, 30,100,H,H,AV,6)	30.1	-110.6	9.6	1.4	0.9	0.9	156.0	53.9
(MNTS, 30,100,H,H,AV,9)	30.1	-120.2	9.6	1.1	0.9	0.9	165.4	63.3
(MNTS, 30,100,H,H,AH,3)	30.1	-111.4	9.6	1.0	0.9	0.9	156.5	54.4
(MNTS, 30,100,H,H,AH,6)	30.1	-109.0	9.6	1.4	0.9	0.9	154.5	52.4
(MNTS, 30,100,H,H,AH,9)	30.1	-112.4	9.6	1.1	0.9	0.9	157.5	55.4
(KLIR, 56,100,H,H, P,3)	42.2	-112.4		0.5		0.9	160.3	52.8
(KLIR, 56,100,H,H, P,6)	42.2	-106.9		1.2		0.9	155.5	48.0
(KLIR, 56,100,H,H, P,9)	42.2	-103.9		0.9		0.9	152.2	44.8
(KLIR, 56,100,H,H,AV,3)	42.2	-108.1		0.5		0.9	156.0	48.5
(KLIR, 56,100,H,H,AV,6)	42.2	-106.9		1.2		0.9	155.5	48.0
(KLIR, 56,100,H,H,AV,9)	42.2	-115.4		0.9		0.9	163.7	56.2
(KLIR, 56,100,H,H,AH,3)	42.2	-105.0		0.5		0.9	152.9	45.4
(KLIR, 56,100,H,H,AH,6)	42.2	-100.9		1.2		0.9	149.5	42.0
(KLIR, 56,100,H,H,AH,9)	42.2	-102.7		0.9		0.9	151.0	43.5

COLORADO MOUNTAINS B= 30KM SITE 45

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO MOUNTAINS B= 30KM SITE 45

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
08-31-64	21.01	L1,H1	80%	44.8	65.8

SITE IS IN BETWEEN TREES 50 TO 60FT HIGH. MOUNTAIN TO RIGHT OF TRUCK 2000FT HIGH. HORIZON ON MOUNTAIN SLOPE, TO LEFT OF 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
(MNTS, 30,100,V,V, P,3)	30.1	-137.9	7.6	-4.1	0.9	0.9	175.9	73.8
(MNTS, 30,100,V,V, P,6)	30.1	-132.9	7.6	-2.4	0.9	0.9	172.6	70.5
(MNTS, 30,100,V,V, P,9)	30.1	-128.4	7.6	-2.2	0.9	0.9	168.2	66.1
(MNTS, 30,100,V,V,AV,3)	30.1	-134.1	7.6	-4.1	0.9	0.9	172.0	69.9
(MNTS, 30,100,V,V,AV,6)	30.1	-130.6	7.6	-2.4	0.9	0.9	170.2	68.1
(MNTS, 30,100,V,V,AV,9)	30.1	-130.6	7.6	-2.2	0.9	0.9	170.4	68.3
(MNTS, 30,100,V,V,AH,3)	30.1	-132.1	7.6	-4.1	0.9	0.9	170.1	68.0
(MNTS, 30,100,V,V,AH,6)	30.1	-141.9	7.6	-2.4	0.9	0.9	181.5	79.4
(MNTS, 30,100,V,V,AH,9)	30.1	-141.9	7.6	-2.2	0.9	0.9	181.7	79.6
(MNTS, 30,100,H,V, P,3)	30.1	-142.8	9.6	-19.8	0.9	0.9	167.1	65.0
(MNTS, 30,100,H,V, P,6)	30.1	-142.8	9.6	-22.3	0.9	0.9	164.6	62.5
(MNTS, 30,100,H,V, P,9)	30.1	-135.4	9.6	-24.1	0.9	0.9	155.4	53.3
(MNTS, 30,100,H,V,AV,3)	30.1	-143.7	9.6	-19.8	0.9	0.9	168.0	65.9
(MNTS, 30,100,H,V,AV,6)	30.1	-136.2	9.6	-22.3	0.9	0.9	157.9	55.8
(MNTS, 30,100,H,V,AV,9)	30.1	-136.2	9.6	-24.1	0.9	0.9	156.1	54.0
(MNTS, 30,100,H,V,AH,3)	30.1	-142.4	9.6	-19.8	0.9	0.9	166.6	64.5
(MNTS, 30,100,H,V,AH,6)	30.1	-137.9	9.6	-22.3	0.9	0.9	159.7	57.6
(MNTS, 30,100,H,V,AH,9)	30.1	-146.6	9.6	-24.1	0.9	0.9	166.6	64.5
(MNTS, 30,100,V,H, P,3)	30.1	-140.1	7.6	-17.7	0.9	0.9	164.4	62.4
(MNTS, 30,100,V,H, P,6)	30.1	**	7.6	-18.0	0.9	0.9	**	**
(MNTS, 30,100,V,H, P,9)	30.1	-140.1	7.6	-16.6	0.9	0.9	165.5	63.5
(MNTS, 30,100,V,H,AV,3)	30.1	-138.9	7.6	-17.7	0.9	0.9	163.3	61.2
(MNTS, 30,100,V,H,AV,6)	30.1	**	7.6	-18.0	0.9	0.9	**	**
(MNTS, 30,100,V,H,AV,9)	30.1	-142.2	7.6	-16.6	0.9	0.9	167.6	65.5
(MNTS, 30,100,V,H,AH,3)	30.1	-143.0	7.6	-17.7	0.9	0.9	167.4	65.3
(MNTS, 30,100,V,H,AH,6)	30.1	-141.6	7.6	-18.0	0.9	0.9	165.6	63.5
(MNTS, 30,100,V,H,AH,9)	30.1	-149.0	7.6	-16.6	0.9	0.9	174.5	72.4
(MNTS, 30,100,H,H, P,3)	30.1	-133.5	9.6	-0.2	0.9	0.9	177.3	75.2
(MNTS, 30,100,H,H, P,6)	30.1	-140.7	9.6	1.0	0.9	0.9	185.8	83.7
(MNTS, 30,100,H,H, P,9)	30.1	-140.7	9.6	0.6	0.9	0.9	185.4	83.3
(MNTS, 30,100,H,H,AV,3)	30.1	-141.0	9.6	-0.2	0.9	0.9	184.9	82.8
(MNTS, 30,100,H,H,AV,6)	30.1	-141.0	9.6	1.0	0.9	0.9	186.1	84.0
(MNTS, 30,100,H,H,AV,9)	30.1	-135.8	9.6	0.6	0.9	0.9	180.4	78.3
(MNTS, 30,100,H,H,AH,3)	30.1	-125.6	9.6	-0.2	0.9	0.9	169.5	67.4
(MNTS, 30,100,H,H,AH,6)	30.1	-133.2	9.6	1.0	0.9	0.9	178.2	76.2
(MNTS, 30,100,H,H,AH,9)	30.1	-127.5	9.6	0.6	0.9	0.9	172.1	70.0
(KLIR, 67,100,H,H, P,3)	42.2	-126.6		-0.4		0.9	173.6	64.6
(KLIR, 67,100,H,H, P,6)	42.2	-122.8		1.6		0.9	171.8	62.9
(KLIR, 67,100,H,H, P,9)	42.2	-120.7		1.0		0.9	169.1	60.1
(KLIR, 67,100,H,H,AV,3)	42.2	-101.7		-0.4		0.9	148.7	39.7
(KLIR, 67,100,H,H,AV,6)	42.2	-109.8		1.6		0.9	158.8	49.8
(KLIR, 67,100,H,H,AV,9)	42.2	-104.5		1.0		0.9	152.9	43.9
(KLIR, 67,100,H,H,AH,3)	42.2	-100.1		-0.4		0.9	147.1	38.1
(KLIR, 67,100,H,H,AH,6)	42.2	-105.2		1.6		0.9	154.2	45.2
(KLIR, 67,100,H,H,AH,9)	42.2	-105.2		1.0		0.9	153.6	44.6

** SIGNAL TOO LOW TO BE MEASURED

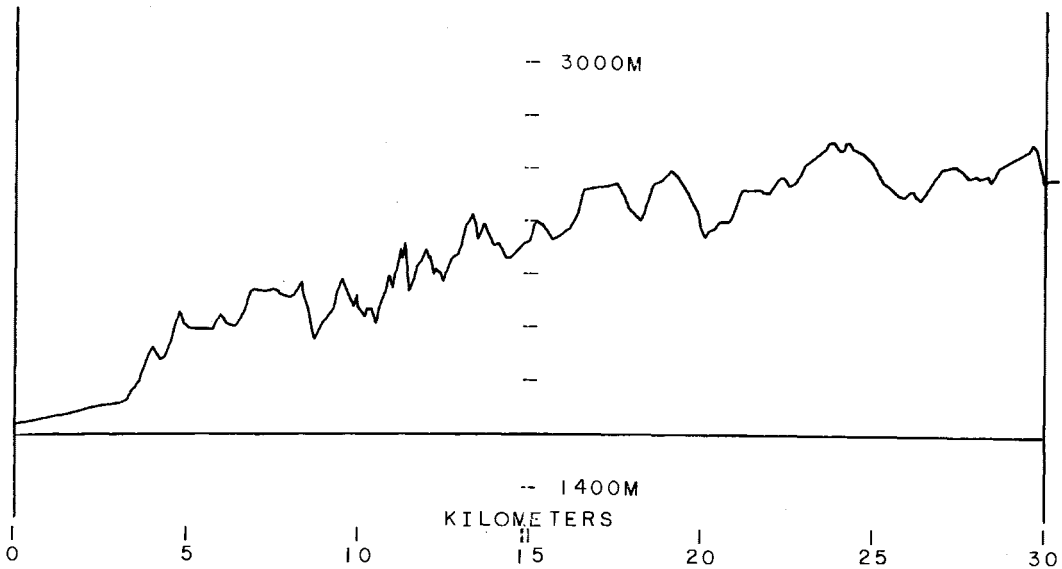
COLORADO MOUNTAINS

B= 30KM

SITE 46

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
(MNTS, 30, 20,V,V, P,3)	24.0	-142.0	-4.2	-5.3	0.1	-0.0	156.4	68.4
(MNTS, 30, 20,V,V,AV,3)	24.0	-142.0	-4.2	-5.3	0.1	-0.0	156.4	68.4
(MNTS, 30, 20,V,V,AH,3)	24.0	-142.0	-4.2	-5.3	0.1	-0.0	156.4	68.4
(MNTS, 30, 50,V,V, P,1)	24.0	-149.0	-0.3	0.1	1.2	0.2	171.4	75.4
(MNTS, 30, 50,V,V, P,3)	24.0	-146.8	-0.3	1.6	1.2	0.2	170.7	74.7
(MNTS, 30, 50,V,V,AV,1)	24.0	-149.0	-0.3	0.1	1.2	0.2	171.4	75.4
(MNTS, 30, 50,V,V,AV,3)	24.0	-146.8	-0.3	1.6	1.2	0.2	170.7	74.7
(MNTS, 30, 50,V,V,AH,1)	24.0	-149.0	-0.3	0.1	1.2	0.2	171.4	75.4
(MNTS, 30, 50,V,V,AH,3)	24.0	-146.8	-0.3	1.6	1.2	0.2	170.7	74.7



COLORADO MOUNTAINS B= 30KM SITE 46

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-02-64	22.10	CLEAR	u%	44.5	62.2

SITE IS ON NARROW ROAD HEMMED IN BY TREES ON BOTH SIDES. 2-WIRE POWER LINE AND 4-WIRE PHONE LINE ON NORTH SIDE OF ROAD. RANGE OF 1000FT MOUNTAINS 1/2MI NORTH AND 1MI SOUTH.

(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, 30,100,V,V, P,3)	30.1	-151.0	7.6	-0.3	0.9	0.9	192.7	90.6
(MNTS, 30,100,V,V, P,6)	30.1	-139.0	7.6	-1.2	0.9	0.9	179.9	77.8
(MNTS, 30,100,V,V, P,9)	30.1	-135.1	7.6	-1.4	0.9	0.9	175.7	73.6
(MNTS, 30,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,V, P,3)	30.1	-140.0	9.6	-12.0	0.9	0.9	172.0	69.9
(MNTS, 30,100,H,V, P,6)	30.1	-146.1	9.6	-9.4	0.9	0.9	180.8	78.7
(MNTS, 30,100,H,V, P,9)	30.1	-146.1	9.6	-13.0	0.9	0.9	177.2	75.1
(MNTS, 30,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,H, P,3)	30.1	**	7.6	-15.9	0.9	0.9	**	**
(MNTS, 30,100,V,H, P,6)	30.1	**	7.6	-17.7	0.9	0.9	**	**
(MNTS, 30,100,V,H, P,9)	30.1	**	7.6	-16.1	0.9	0.9	**	**
(MNTS, 30,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 30,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,H, P,3)	30.1	-142.5	9.6	1.2	0.9	0.9	187.8	85.7
(MNTS, 30,100,H,H, P,6)	30.1	**	9.6	1.7	0.9	0.9	**	**
(MNTS, 30,100,H,H, P,9)	30.1	-142.5	9.6	1.2	0.9	0.9	187.8	85.7
(MNTS, 30,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 30,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 71,100,H,H, P,3)	42.2	-115.4		1.2		0.9	164.0	54.6
(KLIR, 71,100,H,H, P,6)	42.2	-121.4		1.6		0.9	170.4	61.0
(KLIR, 71,100,H,H, P,9)	42.2	-112.4		1.2		0.9	161.0	51.5
(KLIR, 71,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 71,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 71,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 71,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 71,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 71,100,H,H,AH,9)	*	*		*		*	*	*

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

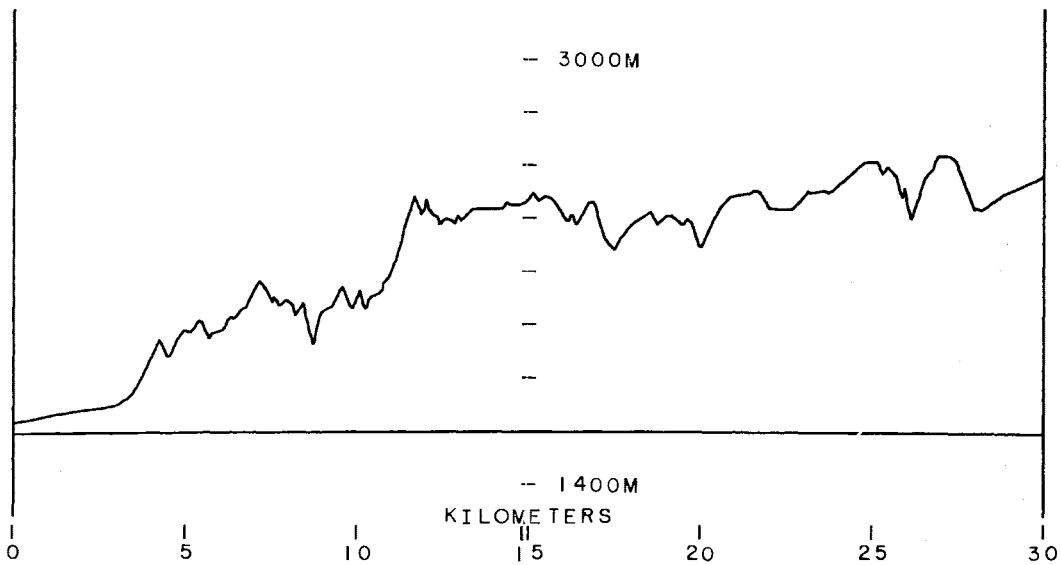
COLORADO MOUNTAINS

B= 30KM

SITE 47

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
(MNTS, 30, 20,V,V, P,3)	24.0	-136.1	-4.1	-2.7	0.1	-0.0	153.2	65.2
(MNTS, 30, 20,V,V,AV,3)	24.0	-137.9	-4.1	-2.7	0.1	-0.0	155.0	67.0
(MNTS, 30, 20,V,V,AH,3)	24.0	-136.0	-4.1	-2.7	0.1	-0.0	153.1	65.1
(MNTS, 30, 50,V,V, P,1)	24.0	-137.3	-0.2	4.7	1.2	0.2	164.4	68.4
(MNTS, 30, 50,V,V, P,3)	24.0	-136.2	-0.2	0.7	1.2	0.2	159.3	63.3
(MNTS, 30, 50,V,V,AV,1)	24.0	-142.8	-0.2	4.7	1.2	0.2	169.9	73.9
(MNTS, 30, 50,V,V,AV,3)	24.0	-140.1	-0.2	0.7	1.2	0.2	163.2	67.2
(MNTS, 30, 50,V,V,AH,1)	24.0	-138.2	-0.2	4.7	1.2	0.2	165.3	69.3
(MNTS, 30, 50,V,V,AH,3)	24.0	-137.9	-0.2	0.7	1.2	0.2	161.0	65.0



COLORADO MOUNTAINS B= 30KM SITE 47

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-02-64	22.06	CLEAR	0%	45.3	67.4

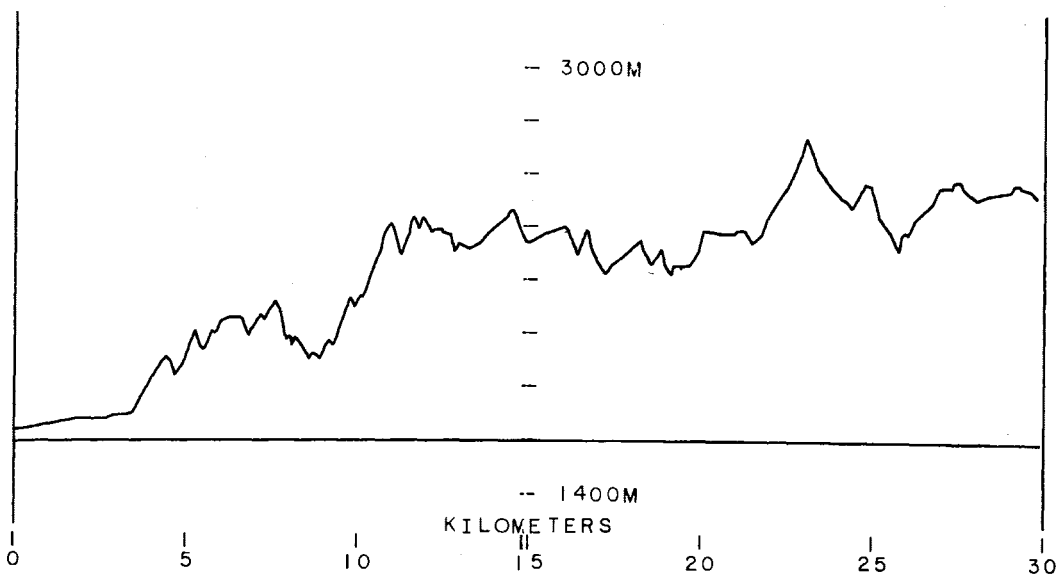
2-WIRE POWER LINE 50FT SOUTH, CROSSING PATH. ROCK PILE 100FT HIGH ABOUT 400YDS ON PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 30,100,V,V, P,3)	30.1	-123.6	7.6	-4.1	0.9	0.9	161.5	59.4
(MNTS, 30,100,V,V, P,6)	30.1	-126.9	7.6	-2.4	0.9	0.9	166.5	64.5
(MNTS, 30,100,V,V, P,9)	30.1	-121.2	7.6	-2.2	0.9	0.9	161.0	58.9
(MNTS, 30,100,V,V,AV,3)	30.1	-117.0	7.6	-4.1	0.9	0.9	154.9	52.9
(MNTS, 30,100,V,V,AV,6)	30.1	-119.2	7.6	-2.4	0.9	0.9	158.8	56.7
(MNTS, 30,100,V,V,AV,9)	30.1	-125.6	7.6	-2.2	0.9	0.9	165.5	63.4
(MNTS, 30,100,V,V,AH,3)	30.1	-123.4	7.6	-4.1	0.9	0.9	161.3	59.2
(MNTS, 30,100,V,V,AH,6)	30.1	-124.3	7.6	-2.4	0.9	0.9	164.0	61.9
(MNTS, 30,100,V,V,AH,9)	30.1	-118.9	7.6	-2.2	0.9	0.9	158.8	56.7
(MNTS, 30,100,H,V, P,3)	30.1	-121.6	9.6	-19.8	0.9	0.9	145.8	43.7
(MNTS, 30,100,H,V, P,6)	30.1	-121.6	9.6	-22.3	0.9	0.9	143.3	41.2
(MNTS, 30,100,H,V, P,9)	30.1	-122.2	9.6	-24.1	0.9	0.9	142.1	40.0
(MNTS, 30,100,H,V,AV,3)	30.1	-125.4	9.6	-19.8	0.9	0.9	149.7	47.6
(MNTS, 30,100,H,V,AV,6)	30.1	-124.1	9.6	-22.3	0.9	0.9	145.9	43.8
(MNTS, 30,100,H,V,AV,9)	30.1	-122.5	9.6	-24.1	0.9	0.9	142.5	40.4
(MNTS, 30,100,H,V,AH,3)	30.1	-123.4	9.6	-19.8	0.9	0.9	147.6	45.5
(MNTS, 30,100,H,V,AH,6)	30.1	-121.4	9.6	-22.3	0.9	0.9	143.2	41.1
(MNTS, 30,100,H,V,AH,9)	30.1	-120.7	9.6	-24.1	0.9	0.9	140.7	38.6
(MNTS, 30,100,V,H, P,3)	30.1	-128.1	7.6	-17.7	0.9	0.9	152.4	50.3
(MNTS, 30,100,V,H, P,6)	30.1	-128.1	7.6	-18.0	0.9	0.9	152.1	50.0
(MNTS, 30,100,V,H, P,9)	30.1	-125.4	7.6	-16.6	0.9	0.9	150.9	48.8
(MNTS, 30,100,V,H,AV,3)	30.1	-128.4	7.6	-17.7	0.9	0.9	152.7	50.6
(MNTS, 30,100,V,H,AV,6)	30.1	-139.6	7.6	-18.0	0.9	0.9	163.7	61.6
(MNTS, 30,100,V,H,AV,9)	30.1	-139.6	7.6	-16.6	0.9	0.9	165.1	63.0
(MNTS, 30,100,V,H,AH,3)	30.1	-127.2	7.6	-17.7	0.9	0.9	151.5	49.4
(MNTS, 30,100,V,H,AH,6)	30.1	-125.6	7.6	-18.0	0.9	0.9	149.7	47.6
(MNTS, 30,100,V,H,AH,9)	30.1	-140.3	7.6	-16.6	0.9	0.9	165.8	63.7
(MNTS, 30,100,H,H, P,3)	30.1	-117.5	9.6	-0.2	0.9	0.9	161.4	59.3
(MNTS, 30,100,H,H, P,6)	30.1	-116.6	9.6	1.0	0.9	0.9	161.6	59.5
(MNTS, 30,100,H,H, P,9)	30.1	-117.0	9.6	0.6	0.9	0.9	161.6	59.6
(MNTS, 30,100,H,H,AV,3)	30.1	-117.0	9.6	-0.2	0.9	0.9	160.8	58.8
(MNTS, 30,100,H,H,AV,6)	30.1	-115.8	9.6	1.0	0.9	0.9	160.8	58.7
(MNTS, 30,100,H,H,AV,9)	30.1	-112.7	9.6	0.6	0.9	0.9	157.3	55.2
(MNTS, 30,100,H,H,AH,3)	30.1	-114.4	9.6	-0.2	0.9	0.9	158.2	56.2
(MNTS, 30,100,H,H,AH,6)	30.1	-114.7	9.6	1.0	0.9	0.9	159.8	57.7
(MNTS, 30,100,H,H,AH,9)	30.1	-115.8	9.6	0.6	0.9	0.9	160.4	58.3
(KLIR, 72,100,H,H, P,3)	42.2	-103.7		-0.3		0.9	150.8	41.3
(KLIR, 72,100,H,H, P,6)	42.2	-103.0		1.2		0.9	151.6	42.1
(KLIR, 72,100,H,H, P,9)	42.2	-104.3		0.8		0.9	152.5	43.0
(KLIR, 72,100,H,H,AV,3)	42.2	-101.3		-0.3		0.9	148.4	38.9
(KLIR, 72,100,H,H,AV,6)	42.2	-103.4		1.2		0.9	152.0	42.4
(KLIR, 72,100,H,H,AV,9)	42.2	-99.4		0.8		0.9	147.6	38.0
(KLIR, 72,100,H,H,AH,3)	42.2	-102.7		-0.3		0.9	149.8	40.2
(KLIR, 72,100,H,H,AH,6)	42.2	-102.7		1.2		0.9	151.3	41.7
(KLIR, 72,100,H,H,AH,9)	42.2	-100.5		0.8		0.9	148.7	39.1

COLORADO MOUNTAINS B= 30KM SITE 48

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
(MNTS, 30, 20,V,V, P,3)	24.0	-141.3	-4.0	-0.3	0.1	-0.0	160.9	72.9
(MNTS, 30, 20,V,V,AV,3)	24.0	-141.9	-4.0	-0.3	0.1	-0.0	161.5	73.5
(MNTS, 30, 20,V,V,AH,3)	24.0	-139.0	-4.0	-0.3	0.1	-0.0	158.6	70.6
(MNTS, 30, 50,V,V, P,1)	24.0	-143.8	0.0	1.7	1.2	0.2	168.1	72.1
(MNTS, 30, 50,V,V, P,3)	24.0	-136.2	0.0	6.2	1.2	0.2	165.0	69.0
(MNTS, 30, 50,V,V,AV,1)	24.0	-135.3	0.0	1.7	1.2	0.2	159.6	63.6
(MNTS, 30, 50,V,V,AV,3)	24.0	-140.0	0.0	6.2	1.2	0.2	168.8	72.8
(MNTS, 30, 50,V,V,AH,1)	24.0	-135.5	0.0	1.7	1.2	0.2	159.8	63.8
(MNTS, 30, 50,V,V,AH,3)	24.0	-137.5	0.0	6.2	1.2	0.2	166.3	70.3



COLORADO MOUNTAINS R= 30KM SITE 48

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

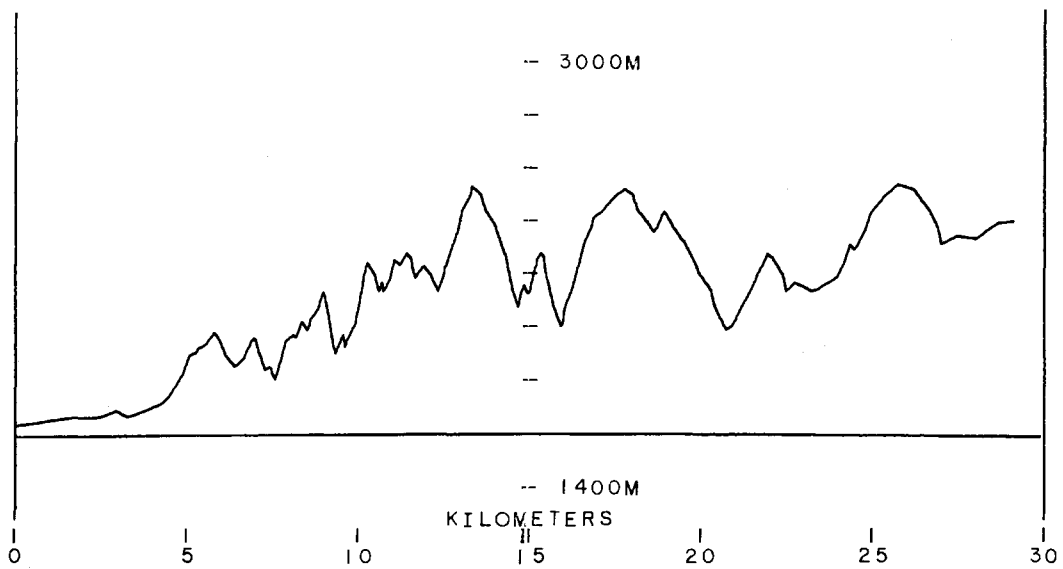
DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-02-64	22.22	Hi,L1	10%	49.5	74.0

40FT TREES 100FT ON PATH. HORIZON 150YDS 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
(MNTS, 30,100,V,V, P,3)	30.1	-113.8	7.6	0.5	0.9	0.9	156.3	54.2
(MNTS, 30,100,V,V, P,6)	30.1	-113.2	7.6	-1.1	0.9	0.9	154.1	52.1
(MNTS, 30,100,V,V, P,9)	30.1	-112.1	7.6	-1.6	0.9	0.9	152.6	50.5
(MNTS, 30,100,V,V,AV,3)	30.1	-105.6	7.6	0.5	0.9	0.9	148.2	46.1
(MNTS, 30,100,V,V,AV,6)	30.1	-110.2	7.6	-1.1	0.9	0.9	151.1	49.0
(MNTS, 30,100,V,V,AV,9)	30.1	-111.1	7.6	-1.6	0.9	0.9	151.5	49.4
(MNTS, 30,100,V,V,AH,3)	30.1	-110.2	7.6	0.5	0.9	0.9	152.7	50.6
(MNTS, 30,100,V,V,AH,6)	30.1	-108.1	7.6	-1.1	0.9	0.9	149.0	46.9
(MNTS, 30,100,V,V,AH,9)	30.1	-111.4	7.6	-1.6	0.9	0.9	151.9	49.8
(MNTS, 30,100,H,V, P,3)	30.1	-125.9	9.6	-24.0	0.9	0.9	145.9	43.8
(MNTS, 30,100,H,V, P,6)	30.1	-129.8	9.6	-18.0	0.9	0.9	155.8	53.7
(MNTS, 30,100,H,V, P,9)	30.1	-136.6	9.6	-21.0	0.9	0.9	159.6	57.5
(MNTS, 30,100,H,V,AV,3)	30.1	-125.6	9.6	-24.0	0.9	0.9	145.7	43.6
(MNTS, 30,100,H,V,AV,6)	30.1	-122.8	9.6	-18.0	0.9	0.9	148.9	46.8
(MNTS, 30,100,H,V,AV,9)	30.1	-125.6	9.6	-21.0	0.9	0.9	148.7	46.6
(MNTS, 30,100,H,V,AH,3)	30.1	-131.3	9.6	-24.0	0.9	0.9	151.4	49.3
(MNTS, 30,100,H,V,AH,6)	30.1	-131.3	9.6	-18.0	0.9	0.9	157.4	55.3
(MNTS, 30,100,H,V,AH,9)	30.1	-129.8	9.6	-21.0	0.9	0.9	152.8	50.7
(MNTS, 30,100,V,H, P,3)	30.1	-127.2	7.6	-18.3	0.9	0.9	150.9	48.8
(MNTS, 30,100,V,H, P,6)	30.1	-123.4	7.6	-15.6	0.9	0.9	149.8	47.7
(MNTS, 30,100,V,H, P,9)	30.1	-131.9	7.6	-16.0	0.9	0.9	157.9	55.9
(MNTS, 30,100,V,H,AV,3)	30.1	-118.9	7.6	-18.3	0.9	0.9	142.7	40.6
(MNTS, 30,100,V,H,AV,6)	30.1	-123.0	7.6	-15.6	0.9	0.9	149.5	47.4
(MNTS, 30,100,V,H,AV,9)	30.1	-118.2	7.6	-16.0	0.9	0.9	144.3	42.2
(MNTS, 30,100,V,H,AH,3)	30.1	-121.4	7.6	-18.3	0.9	0.9	145.2	43.1
(MNTS, 30,100,V,H,AH,6)	30.1	-126.1	7.6	-15.6	0.9	0.9	152.6	50.5
(MNTS, 30,100,V,H,AH,9)	30.1	-128.4	7.6	-16.0	0.9	0.9	154.4	52.3
(MNTS, 30,100,H,H, P,3)	30.1	-126.9	9.6	1.4	0.9	0.9	172.3	70.3
(MNTS, 30,100,H,H, P,6)	30.1	-118.1	9.6	1.5	0.9	0.9	163.7	61.6
(MNTS, 30,100,H,H, P,9)	30.1	-117.4	9.6	1.3	0.9	0.9	162.8	60.7
(MNTS, 30,100,H,H,AV,3)	30.1	-120.2	9.6	1.4	0.9	0.9	165.7	63.6
(MNTS, 30,100,H,H,AV,6)	30.1	-122.0	9.6	1.5	0.9	0.9	167.6	65.5
(MNTS, 30,100,H,H,AV,9)	30.1	-128.1	9.6	1.3	0.9	0.9	173.4	71.3
(MNTS, 30,100,H,H,AH,3)	30.1	-114.7	9.6	1.4	0.9	0.9	160.2	58.1
(MNTS, 30,100,H,H,AH,6)	30.1	-113.8	9.6	1.5	0.9	0.9	159.3	57.2
(MNTS, 30,100,H,H,AH,9)	30.1	-122.5	9.6	1.3	0.9	0.9	167.9	65.8
(KLIR, 72,100,H,H, P,3)	42.2	-96.3		1.5		0.9	145.2	35.6
(KLIR, 72,100,H,H, P,6)	42.2	-95.8		1.3		0.9	144.5	34.9
(KLIR, 72,100,H,H, P,9)	42.2	-103.6		1.1		0.9	152.1	42.4
(KLIR, 72,100,H,H,AV,3)	42.2	-103.2		1.5		0.9	152.1	42.5
(KLIR, 72,100,H,H,AV,6)	42.2	-91.0		1.3		0.9	139.7	30.1
(KLIR, 72,100,H,H,AV,9)	42.2	-96.2		1.1		0.9	144.7	35.1
(KLIR, 72,100,H,H,AH,3)	42.2	-101.2		1.5		0.9	150.1	40.4
(KLIR, 72,100,H,H,AH,6)	42.2	-92.1		1.3		0.9	140.8	31.2
(KLIR, 72,100,H,H,AH,9)	42.2	-94.4		1.1		0.9	142.9	33.3

COLORADO MOUNTAINS B= 30KM SITE 49

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO MOUNTAINS B= 30KM SITE 49

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
09-03-64	22.65	CLEAR	0%	44.0	61.0

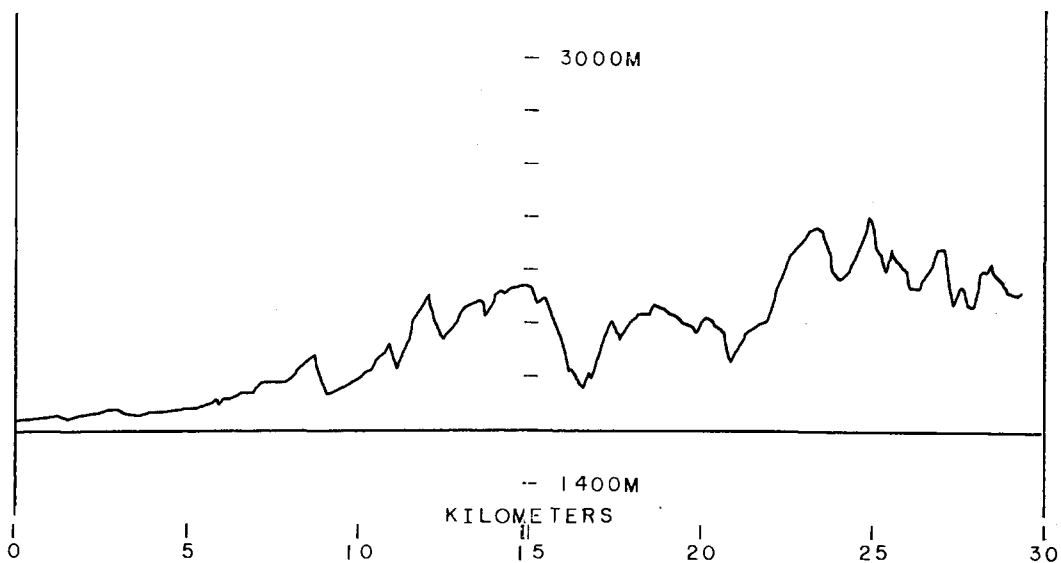
SITE IS IN AN EAST-WEST VALLEY, HORIZON WITH 40FT TREES 3MI ON PATH.
ROCKS AND 40FT TREES 200YDS OPPOSITE PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 30,100,V,V, P,3)	30.1	-114.4	7.6	0.8	0.9	0.9	157.2	55.2
(MNTS, 30,100,V,V, P,6)	30.1	-121.6	7.6	-0.4	0.9	0.9	163.2	61.1
(MNTS, 30,100,V,V, P,9)	30.1	-118.7	7.6	-1.2	0.9	0.9	159.6	57.5
(MNTS, 30,100,V,V,AV,3)	30.1	-106.6	7.6	0.8	0.9	0.9	149.5	47.4
(MNTS, 30,100,V,V,AV,6)	30.1	-112.0	7.6	-0.4	0.9	0.9	153.6	51.5
(MNTS, 30,100,V,V,AV,9)	30.1	-130.2	7.6	-1.2	0.9	0.9	171.0	68.9
(MNTS, 30,100,V,V,AH,3)	30.1	-107.8	7.6	0.8	0.9	0.9	150.6	48.5
(MNTS, 30,100,V,V,AH,6)	30.1	-118.7	7.6	-0.4	0.9	0.9	160.4	58.3
(MNTS, 30,100,V,V,AH,9)	30.1	-117.4	7.6	-1.2	0.9	0.9	158.3	56.2
(MNTS, 30,100,H,V, P,3)	30.1	-126.6	9.6	-16.5	0.9	0.9	154.2	52.1
(MNTS, 30,100,H,V, P,6)	30.1	-126.6	9.6	-14.8	0.9	0.9	155.9	53.8
(MNTS, 30,100,H,V, P,9)	30.1	-126.6	9.6	-18.0	0.9	0.9	152.7	50.6
(MNTS, 30,100,H,V,AV,3)	30.1	-124.5	9.6	-16.5	0.9	0.9	152.1	50.0
(MNTS, 30,100,H,V,AV,6)	30.1	-124.5	9.6	-14.8	0.9	0.9	153.8	51.7
(MNTS, 30,100,H,V,AV,9)	30.1	-124.5	9.6	-18.0	0.9	0.9	150.6	48.5
(MNTS, 30,100,H,V,AH,3)	30.1	-126.4	9.6	-16.5	0.9	0.9	153.9	51.8
(MNTS, 30,100,H,V,AH,6)	30.1	-131.7	9.6	-14.8	0.9	0.9	160.9	58.8
(MNTS, 30,100,H,V,AH,9)	30.1	-122.2	9.6	-18.0	0.9	0.9	148.2	46.1
(MNTS, 30,100,V,H, P,3)	30.1	-126.6	7.6	-20.5	0.9	0.9	148.2	46.1
(MNTS, 30,100,V,H, P,6)	30.1	-126.6	7.6	-15.8	0.9	0.9	152.9	50.8
(MNTS, 30,100,V,H, P,9)	30.1	-126.6	7.6	-16.3	0.9	0.9	152.4	50.3
(MNTS, 30,100,V,H,AV,3)	30.1	-118.6	7.6	-20.5	0.9	0.9	140.2	38.1
(MNTS, 30,100,V,H,AV,6)	30.1	-117.4	7.6	-15.8	0.9	0.9	143.7	41.6
(MNTS, 30,100,V,H,AV,9)	30.1	-120.5	7.6	-16.3	0.9	0.9	146.2	44.1
(MNTS, 30,100,V,H,AH,3)	30.1	-118.4	7.6	-20.5	0.9	0.9	140.0	37.9
(MNTS, 30,100,V,H,AH,6)	30.1	-116.7	7.6	-15.8	0.9	0.9	143.0	40.9
(MNTS, 30,100,V,H,AH,9)	30.1	-122.8	7.6	-16.3	0.9	0.9	148.6	46.5
(MNTS, 30,100,H,H, P,3)	30.1	-106.9	9.6	0.1	0.9	0.9	151.0	49.0
(MNTS, 30,100,H,H, P,6)	30.1	-105.0	9.6	1.6	0.9	0.9	150.6	48.5
(MNTS, 30,100,H,H, P,9)	30.1	-105.0	9.6	1.3	0.9	0.9	150.3	48.2
(MNTS, 30,100,H,H,AV,3)	30.1	-105.9	9.6	0.1	0.9	0.9	150.0	47.9
(MNTS, 30,100,H,H,AV,6)	30.1	-105.2	9.6	1.6	0.9	0.9	150.8	48.7
(MNTS, 30,100,H,H,AV,9)	30.1	-107.5	9.6	1.3	0.9	0.9	152.8	50.7
(MNTS, 30,100,H,H,AH,3)	30.1	-103.6	9.6	0.1	0.9	0.9	147.7	45.6
(MNTS, 30,100,H,H,AH,6)	30.1	-101.7	9.6	1.6	0.9	0.9	147.4	45.3
(MNTS, 30,100,H,H,AH,9)	30.1	-103.9	9.6	1.3	0.9	0.9	149.3	47.2
(KLIR, 73,100,H,H, P,3)	42.2	-94.1		1.0		0.9	142.5	32.7
(KLIR, 73,100,H,H, P,6)	42.2	-89.8		1.6		0.9	138.8	29.0
(KLIR, 73,100,H,H, P,9)	42.2	-89.2		1.4		0.9	138.0	28.3
(KLIR, 73,100,H,H,AV,3)	42.2	-88.2		1.0		0.9	136.6	26.9
(KLIR, 73,100,H,H,AV,6)	42.2	-87.8		1.6		0.9	136.8	27.0
(KLIR, 73,100,H,H,AV,9)	42.2	-90.8		1.4		0.9	139.6	29.8
(KLIR, 73,100,H,H,AH,3)	42.2	-89.4		1.0		0.9	137.8	28.0
(KLIR, 73,100,H,H,AH,6)	42.2	-88.4		1.6		0.9	137.4	27.6
(KLIR, 73,100,H,H,AH,9)	42.2	-92.7		1.4		0.9	141.5	31.7

COLORADO MOUNTAINS B= 30KM SITE 50

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
(MNTS, 30, 20,V,V, P,3)	24.0	-143.0	-3.8	1.5	0.1	-0.0	164.6	76.6
(MNTS, 30, 20,V,V,AV,3)	24.0	-143.5	-3.8	1.5	0.1	-0.0	165.1	77.1
(MNTS, 30, 20,V,V,AH,3)	24.0	-143.0	-3.8	1.5	0.1	-0.0	164.6	76.6
(MNTS, 30, 50,V,V, P,1)	24.0	-146.5	0.2	-3.5	1.2	0.2	165.8	69.8
(MNTS, 30, 50,V,V, P,3)	24.0	-145.8	0.2	4.8	1.2	0.2	173.4	77.4
(MNTS, 30, 50,V,V,AV,1)	24.0	-149.0	0.2	-3.5	1.2	0.2	168.3	72.3
(MNTS, 30, 50,V,V,AV,3)	24.0	-143.9	0.2	4.8	1.2	0.2	171.5	75.5
(MNTS, 30, 50,V,V,AH,1)	24.0	-146.5	0.2	-3.5	1.2	0.2	165.8	69.8
(MNTS, 30, 50,V,V,AH,3)	24.0	-145.8	0.2	4.8	1.2	0.2	173.4	77.4



COLORADO MOUNTAINS B= 30KM SITE 50

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-28-64	22.82	L1	40%	48.5	70.5

ROCKY HILLSIDE WITH SCATTERED SMALL TO MEDIUM TREES IS LINE OF SIGHT.
 HALF TREES - HALF GRASS. HILLSIDE ABOUT 1500FT 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
(MNTS, 30,100,V,V, P,3)	30.1	-138.0	7.6	0.4	0.9	0.9	180.5	78.4
(MNTS, 30,100,V,V, P,6)	30.1	-138.0	7.6	-0.4	0.9	0.9	179.7	77.6
(MNTS, 30,100,V,V, P,9)	30.1	-138.0	7.6	-1.2	0.9	0.9	178.9	76.8
(MNTS, 30,100,V,V,AV,3)	30.1	-125.9	7.6	0.4	0.9	0.9	168.3	66.2
(MNTS, 30,100,V,V,AV,6)	30.1	-127.8	7.6	-0.4	0.9	0.9	169.4	67.3
(MNTS, 30,100,V,V,AV,9)	30.1	-130.6	7.6	-1.2	0.9	0.9	171.4	69.3
(MNTS, 30,100,V,V,AH,3)	30.1	-125.9	7.6	0.4	0.9	0.9	168.3	66.2
(MNTS, 30,100,V,V,AH,6)	30.1	-127.8	7.6	-0.4	0.9	0.9	169.4	67.3
(MNTS, 30,100,V,V,AH,9)	30.1	-130.6	7.6	-1.2	0.9	0.9	171.4	69.3
(MNTS, 30,100,H,V, P,3)	30.1	-140.6	9.6	-21.2	0.9	0.9	163.5	61.4
(MNTS, 30,100,H,V, P,6)	30.1	-145.4	9.6	-19.5	0.9	0.9	170.0	67.9
(MNTS, 30,100,H,V, P,9)	30.1	-140.6	9.6	-21.2	0.9	0.9	163.5	61.4
(MNTS, 30,100,H,V,AV,3)	30.1	-138.1	9.6	-21.2	0.9	0.9	161.0	58.9
(MNTS, 30,100,H,V,AV,6)	30.1	-142.2	9.6	-19.5	0.9	0.9	166.7	64.6
(MNTS, 30,100,H,V,AV,9)	30.1	-142.2	9.6	-21.2	0.9	0.9	165.0	62.9
(MNTS, 30,100,H,V,AH,3)	30.1	-138.1	9.6	-21.2	0.9	0.9	161.0	58.9
(MNTS, 30,100,H,V,AH,6)	30.1	-142.2	9.6	-19.5	0.9	0.9	166.7	64.6
(MNTS, 30,100,H,V,AH,9)	30.1	-142.2	9.6	-21.2	0.9	0.9	165.0	62.9
(MNTS, 30,100,V,H, P,3)	30.1	-141.2	7.6	-23.0	0.9	0.9	160.2	58.1
(MNTS, 30,100,V,H, P,6)	30.1	-144.7	7.6	-16.0	0.9	0.9	170.8	68.7
(MNTS, 30,100,V,H, P,9)	30.1	-157.0	7.6	-16.6	0.9	0.9	182.4	80.4
(MNTS, 30,100,V,H,AV,3)	30.1	-138.9	7.6	-23.0	0.9	0.9	158.0	55.9
(MNTS, 30,100,V,H,AV,6)	30.1	-141.3	7.6	-16.0	0.9	0.9	167.3	65.3
(MNTS, 30,100,V,H,AV,9)	30.1	-141.3	7.6	-16.6	0.9	0.9	166.7	64.7
(MNTS, 30,100,V,H,AH,3)	30.1	-138.9	7.6	-23.0	0.9	0.9	158.0	55.9
(MNTS, 30,100,V,H,AH,6)	30.1	-141.3	7.6	-16.0	0.9	0.9	167.3	65.3
(MNTS, 30,100,V,H,AH,9)	30.1	-141.3	7.6	-16.6	0.9	0.9	166.7	64.7
(MNTS, 30,100,H,H, P,3)	30.1	-135.3	9.6	-0.5	0.9	0.9	178.8	76.7
(MNTS, 30,100,H,H, P,6)	30.1	-133.3	9.6	1.3	0.9	0.9	178.7	76.6
(MNTS, 30,100,H,H, P,9)	30.1	-133.3	9.6	1.0	0.9	0.9	178.4	76.3
(MNTS, 30,100,H,H,AV,3)	30.1	-134.1	9.6	-0.5	0.9	0.9	177.6	75.5
(MNTS, 30,100,H,H,AV,6)	30.1	-140.7	9.6	1.3	0.9	0.9	186.1	84.0
(MNTS, 30,100,H,H,AV,9)	30.1	-134.9	9.6	1.0	0.9	0.9	180.0	77.9
(MNTS, 30,100,H,H,AH,3)	30.1	-134.1	9.6	-0.5	0.9	0.9	177.6	75.5
(MNTS, 30,100,H,H,AH,6)	30.1	-140.7	9.6	1.3	0.9	0.9	186.1	84.0
(MNTS, 30,100,H,H,AH,9)	30.1	-134.9	9.6	1.0	0.9	0.9	180.0	77.9
(KLIR, 74,100,H,H, P,3)	42.2	-106.9		-0.5		0.9	153.8	44.0
(KLIR, 74,100,H,H, P,6)	42.2	-104.7		1.3		0.9	153.4	43.6
(KLIR, 74,100,H,H, P,9)	42.2	-108.4		1.1		0.9	156.9	47.1
(KLIR, 74,100,H,H,AV,3)	42.2	-106.1		-0.5		0.9	153.0	43.2
(KLIR, 74,100,H,H,AV,6)	42.2	-111.4		1.3		0.9	160.1	50.3
(KLIR, 74,100,H,H,AV,9)	42.2	-108.4		1.1		0.9	156.9	47.1
(KLIR, 74,100,H,H,AH,3)	42.2	-106.1		-0.5		0.9	153.0	43.2
(KLIR, 74,100,H,H,AH,6)	42.2	-111.4		1.3		0.9	160.1	50.3
(KLIR, 74,100,H,H,AH,9)	42.2	-108.4		1.1		0.9	156.9	47.1

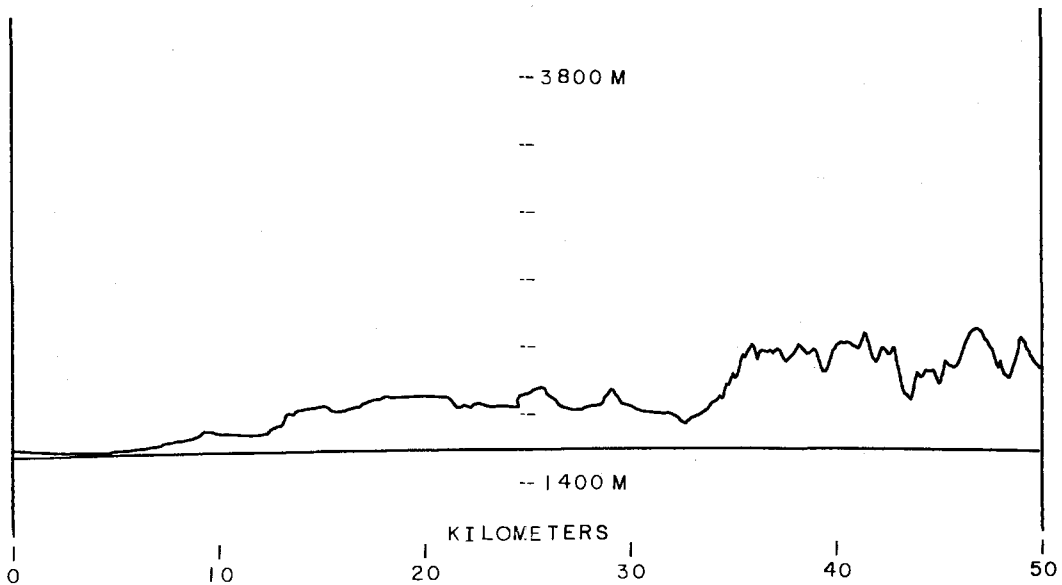
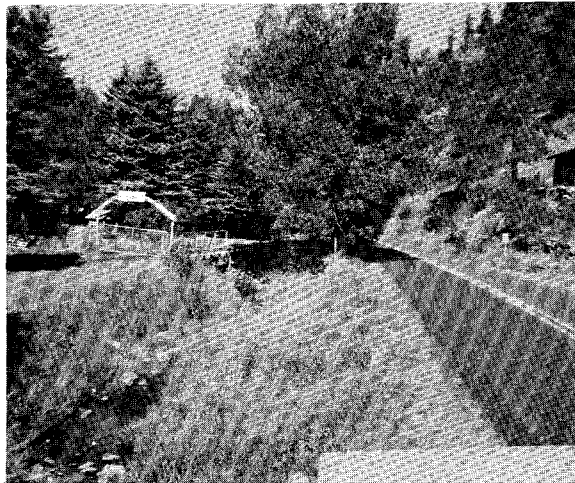
COLORADO MOUNTAINS

B= 50KM

SITE 46

DATE 11-06-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50, 20,V,V, P,3)	24.0	-141.8	-4.2	-2.2	0.1	-0.0	159.3	66.8
(MNTS, 50, 20,V,V,AV,3)	24.0	-141.8	-4.2	-2.2	0.1	-0.0	159.3	66.8
(MNTS, 50, 20,V,V,AH,3)	24.0	-141.8	-4.2	-2.2	0.1	-0.0	159.3	66.8
(MNTS, 50, 50,V,V, P,1)	24.0	-150.0	-2.2	2.5	1.2	0.2	172.9	72.4
(MNTS, 50, 50,V,V, P,3)	24.0	-148.1	-2.2	-3.4	1.2	0.2	165.1	64.6
(MNTS, 50, 50,V,V,AV,1)	24.0	-150.0	-2.2	2.5	1.2	0.2	172.9	72.4
(MNTS, 50, 50,V,V,AV,3)	24.0	-148.1	-2.2	-3.4	1.2	0.2	165.1	64.6
(MNTS, 50, 50,V,V,AH,1)	24.0	-150.0	-2.2	2.5	1.2	0.2	172.9	72.4
(MNTS, 50, 50,V,V,AH,3)	24.0	-148.1	-2.2	-3.4	1.2	0.2	165.1	64.6



COLORADO MOUNTAINS R= 50KM SITE 46

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-22-64	23.56	CLEAR	0%	48.9	66.0

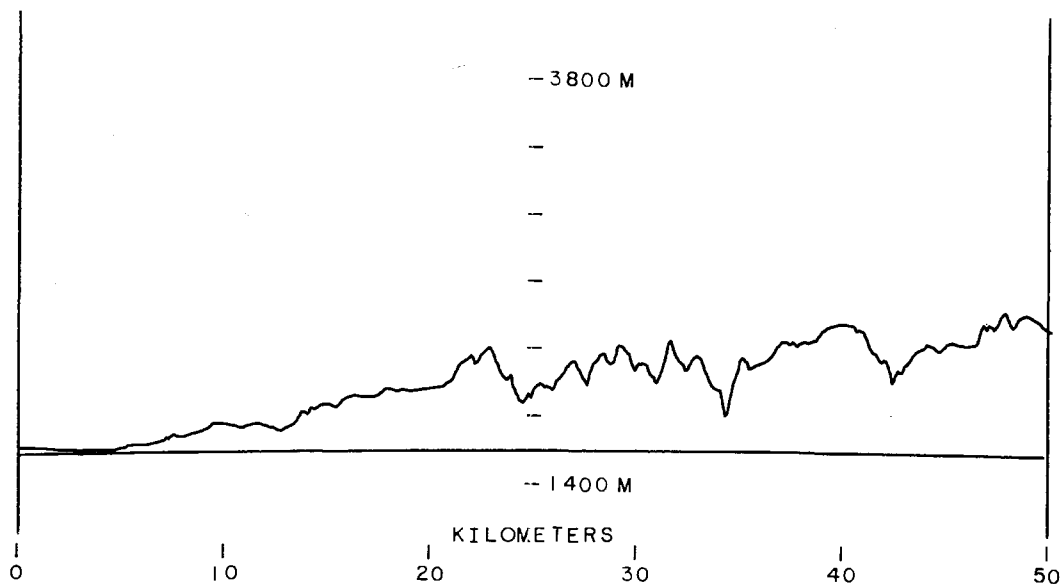
MOUNTAINS TO RIGHT AND LEFT OF PATH. VALLEY WITH 40FT TREES ON PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50,100,V,V, P,3)	30.1	-134.7	7.6	-0.4	0.9	0.9	176.4	69.8
(MNTS, 50,100,V,V, P,6)	30.1	-134.7	7.6	-1.3	0.9	0.9	175.5	68.9
(MNTS, 50,100,V,V, P,9)	30.1	-142.2	7.6	-2.0	0.9	0.9	182.2	75.7
(MNTS, 50,100,V,V,AV,3)	30.1	-134.7	7.6	-0.4	0.9	0.9	176.4	69.8
(MNTS, 50,100,V,V,AV,6)	30.1	-134.7	7.6	-1.3	0.9	0.9	175.5	68.9
(MNTS, 50,100,V,V,AV,9)	30.1	-142.2	7.6	-2.0	0.9	0.9	182.2	75.7
(MNTS, 50,100,V,V,AH,3)	30.1	-134.7	7.6	-0.4	0.9	0.9	176.4	69.8
(MNTS, 50,100,V,V,AH,6)	30.1	-134.7	7.6	-1.3	0.9	0.9	175.5	68.9
(MNTS, 50,100,V,V,AH,9)	30.1	-142.2	7.6	-2.0	0.9	0.9	182.2	75.7
(MNTS, 50,100,H,V, P,3)	30.1	-144.7	9.6	-15.0	0.9	0.9	173.8	67.3
(MNTS, 50,100,H,V, P,6)	30.1	-144.7	9.6	-12.7	0.9	0.9	176.1	69.6
(MNTS, 50,100,H,V, P,9)	30.1	-144.7	9.6	-15.0	0.9	0.9	173.8	67.3
(MNTS, 50,100,H,V,AV,3)	30.1	-144.7	9.6	-15.0	0.9	0.9	173.8	67.3
(MNTS, 50,100,H,V,AV,6)	30.1	-144.7	9.6	-12.7	0.9	0.9	176.1	69.6
(MNTS, 50,100,H,V,AV,9)	30.1	-144.7	9.6	-15.0	0.9	0.9	173.8	67.3
(MNTS, 50,100,H,V,AH,3)	30.1	-144.7	9.6	-15.0	0.9	0.9	173.8	67.3
(MNTS, 50,100,H,V,AH,6)	30.1	-144.7	9.6	-12.7	0.9	0.9	176.1	69.6
(MNTS, 50,100,H,V,AH,9)	30.1	-144.7	9.6	-15.0	0.9	0.9	173.8	67.3
(MNTS, 50,100,V,H, P,3)	30.1	-146.6	7.6	-21.3	0.9	0.9	167.4	60.8
(MNTS, 50,100,V,H, P,6)	30.1	-146.6	7.6	-19.0	0.9	0.9	169.7	63.1
(MNTS, 50,100,V,H, P,9)	30.1	-146.6	7.6	-16.3	0.9	0.9	172.4	65.8
(MNTS, 50,100,V,H,AV,3)	30.1	-146.6	7.6	-21.3	0.9	0.9	167.4	60.8
(MNTS, 50,100,V,H,AV,6)	30.1	-146.6	7.6	-19.0	0.9	0.9	169.7	63.1
(MNTS, 50,100,V,H,AV,9)	30.1	-146.6	7.6	-16.3	0.9	0.9	172.4	65.8
(MNTS, 50,100,V,H,AH,3)	30.1	-146.6	7.6	-21.3	0.9	0.9	167.4	60.8
(MNTS, 50,100,V,H,AH,6)	30.1	-146.6	7.6	-19.0	0.9	0.9	169.7	63.1
(MNTS, 50,100,V,H,AH,9)	30.1	-146.6	7.6	-16.3	0.9	0.9	172.4	65.8
(MNTS, 50,100,H,H, P,3)	30.1	-151.4	9.6	-1.6	0.9	0.9	193.9	87.3
(MNTS, 50,100,H,H, P,6)	30.1	-151.4	9.6	1.6	0.9	0.9	197.1	90.5
(MNTS, 50,100,H,H, P,9)	30.1	-151.4	9.6	1.1	0.9	0.9	196.6	90.0
(MNTS, 50,100,H,H,AV,3)	30.1	-151.4	9.6	-1.6	0.9	0.9	193.9	87.3
(MNTS, 50,100,H,H,AV,6)	30.1	-151.4	9.6	1.6	0.9	0.9	197.1	90.5
(MNTS, 50,100,H,H,AV,9)	30.1	-151.4	9.6	1.1	0.9	0.9	196.6	90.0
(MNTS, 50,100,H,H,AH,3)	30.1	-151.4	9.6	-1.6	0.9	0.9	193.9	87.3
(MNTS, 50,100,H,H,AH,6)	30.1	-151.4	9.6	1.6	0.9	0.9	197.1	90.5
(MNTS, 50,100,H,H,AH,9)	30.1	-151.4	9.6	1.1	0.9	0.9	196.6	90.0
(KLIR, 17,100,H,H, P,3)	42.2	-90.2		-1.1		0.9	136.5	39.6
(KLIR, 17,100,H,H, P,6)	42.2	-94.1		1.3		0.9	142.8	46.0
(KLIR, 17,100,H,H, P,9)	42.2	-90.2		0.9		0.9	138.5	41.6
(KLIR, 17,100,H,H,AV,3)	42.2	-90.2		-1.1		0.9	136.5	39.6
(KLIR, 17,100,H,H,AV,6)	42.2	-94.1		1.3		0.9	142.8	46.0
(KLIR, 17,100,H,H,AV,9)	42.2	-90.2		0.9		0.9	138.5	41.6
(KLIR, 17,100,H,H,AH,3)	42.2	-90.2		-1.1		0.9	136.5	39.6
(KLIR, 17,100,H,H,AH,6)	42.2	-94.1		1.3		0.9	142.8	46.0
(KLIR, 17,100,H,H,AH,9)	42.2	-90.2		0.9		0.9	138.5	41.6

COLORADO MOUNTAINS B= 50KM SITE 47

DATE 11-06-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50, 20,V,V, P,3)	24.0	-137.5	-4.2	-1.1	0.1	-0.0	156.1	63.7
(MNTS, 50, 20,V,V,AV,3)	24.0	-132.5	-4.2	-1.1	0.1	-0.0	151.1	58.7
(MNTS, 50, 20,V,V,AH,3)	24.0	-131.0	-4.2	-1.1	0.1	-0.0	149.6	57.2
(MNTS, 50, 50,V,V, P,1)	24.0	-150.0	-2.2	2.1	1.2	0.2	172.5	72.1
(MNTS, 50, 50,V,V, P,3)	24.0	-145.8	-2.2	5.2	1.2	0.2	171.4	70.9
(MNTS, 50, 50,V,V,AV,1)	24.0	-146.0	-2.2	2.1	1.2	0.2	168.5	68.1
(MNTS, 50, 50,V,V,AV,3)	24.0	-139.3	-2.2	5.2	1.2	0.2	164.9	64.4
(MNTS, 50, 50,V,V,AH,1)	24.0	-144.0	-2.2	2.1	1.2	0.2	166.5	66.1
(MNTS, 50, 50,V,V,AH,3)	24.0	-142.9	-2.2	5.2	1.2	0.2	168.5	68.1



COLORADO MOUNTAINS B= 50KM SITE 47

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
09-22-64	PRESSURE	TYPE	PERCENT	WET	DRY
	23.85	CLEAR	0%	47.5	68.0

CLEAR 100YDS ON PATH THEN 40FT PINES WITH MOUNTAINS IN BACK. 2-WIRE
POWER LINE 40FT TO RIGHT 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
(MNTS, 50,100,V,V, P,3)	30.1	-128.4	7.6	0.1	0.9	0.9	170.5	64.0
(MNTS, 50,100,V,V, P,6)	30.1	-123.9	7.6	-1.2	0.9	0.9	164.8	58.2
(MNTS, 50,100,V,V, P,9)	30.1	-124.3	7.6	-1.7	0.9	0.9	164.7	58.2
(MNTS, 50,100,V,V,AV,3)	30.1	-118.9	7.6	0.1	0.9	0.9	161.1	54.6
(MNTS, 50,100,V,V,AV,6)	30.1	-119.7	7.6	-1.2	0.9	0.9	160.6	54.1
(MNTS, 50,100,V,V,AV,9)	30.1	-124.1	7.6	-1.7	0.9	0.9	164.5	58.0
(MNTS, 50,100,V,V,AH,3)	30.1	-125.9	7.6	0.1	0.9	0.9	168.0	61.5
(MNTS, 50,100,V,V,AH,6)	30.1	-133.5	7.6	-1.2	0.9	0.9	174.3	67.8
(MNTS, 50,100,V,V,AH,9)	30.1	-129.8	7.6	-1.7	0.9	0.9	170.1	63.6
(MNTS, 50,100,H,V, P,3)	30.1	-142.2	9.6	-21.0	0.9	0.9	165.2	58.7
(MNTS, 50,100,H,V, P,6)	30.1	-146.1	9.6	-16.5	0.9	0.9	173.7	67.1
(MNTS, 50,100,H,V, P,9)	30.1	-146.1	9.6	-20.9	0.9	0.9	169.3	62.7
(MNTS, 50,100,H,V,AV,3)	30.1	-138.4	9.6	-21.0	0.9	0.9	161.5	54.9
(MNTS, 50,100,H,V,AV,6)	30.1	-138.4	9.6	-16.5	0.9	0.9	166.0	59.4
(MNTS, 50,100,H,V,AV,9)	30.1	-138.4	9.6	-20.9	0.9	0.9	161.6	55.0
(MNTS, 50,100,H,V,AH,3)	30.1	-142.2	9.6	-21.0	0.9	0.9	165.2	58.7
(MNTS, 50,100,H,V,AH,6)	30.1	-142.2	9.6	-16.5	0.9	0.9	169.7	63.2
(MNTS, 50,100,H,V,AH,9)	30.1	-142.2	9.6	-20.9	0.9	0.9	165.3	58.8
(MNTS, 50,100,V,H, P,3)	30.1	-138.9	7.6	-16.8	0.9	0.9	164.2	57.7
(MNTS, 50,100,V,H, P,6)	30.1	-135.4	7.6	-15.5	0.9	0.9	162.0	55.4
(MNTS, 50,100,V,H, P,9)	30.1	-135.4	7.6	-15.9	0.9	0.9	161.6	55.0
(MNTS, 50,100,V,H,AV,3)	30.1	-130.2	7.6	-16.8	0.9	0.9	155.4	48.9
(MNTS, 50,100,V,H,AV,6)	30.1	-127.2	7.6	-15.5	0.9	0.9	153.7	47.2
(MNTS, 50,100,V,H,AV,9)	30.1	-131.4	7.6	-15.9	0.9	0.9	157.6	51.0
(MNTS, 50,100,V,H,AH,3)	30.1	-137.9	7.6	-16.8	0.9	0.9	163.2	56.6
(MNTS, 50,100,V,H,AH,6)	30.1	-136.6	7.6	-15.5	0.9	0.9	163.1	56.6
(MNTS, 50,100,V,H,AH,9)	30.1	-129.0	7.6	-15.9	0.9	0.9	155.2	48.7
(MNTS, 50,100,H,H, P,3)	30.1	-143.7	9.6	1.5	0.9	0.9	189.3	82.8
(MNTS, 50,100,H,H, P,6)	30.1	-146.6	9.6	1.4	0.9	0.9	192.1	85.5
(MNTS, 50,100,H,H, P,9)	30.1	-138.4	9.6	1.2	0.9	0.9	183.7	77.1
(MNTS, 50,100,H,H,AV,3)	30.1	-129.4	9.6	1.5	0.9	0.9	174.9	68.4
(MNTS, 50,100,H,H,AV,6)	30.1	-133.2	9.6	1.4	0.9	0.9	178.6	72.1
(MNTS, 50,100,H,H,AV,9)	30.1	-129.4	9.6	1.2	0.9	0.9	174.6	68.1
(MNTS, 50,100,H,H,AH,3)	30.1	-125.2	9.6	1.5	0.9	0.9	170.7	64.2
(MNTS, 50,100,H,H,AH,6)	30.1	-125.9	9.6	1.4	0.9	0.9	171.3	64.8
(MNTS, 50,100,H,H,AH,9)	30.1	-129.0	9.6	1.2	0.9	0.9	174.3	67.8
(KLIR, 20,100,H,H, P,3)	42.2	-97.9		1.2		0.9	146.5	48.0
(KLIR, 20,100,H,H, P,6)	42.2	-90.6		1.7		0.9	139.7	41.1
(KLIR, 20,100,H,H, P,9)	42.2	-91.9		1.2		0.9	140.5	42.0
(KLIR, 20,100,H,H,AV,3)	42.2	-89.4		1.2		0.9	138.0	39.5
(KLIR, 20,100,H,H,AV,6)	42.2	-84.5		1.7		0.9	133.6	35.1
(KLIR, 20,100,H,H,AV,9)	42.2	-85.6		1.2		0.9	134.2	35.7
(KLIR, 20,100,H,H,AH,3)	42.2	-91.9		1.2		0.9	140.5	42.0
(KLIR, 20,100,H,H,AH,6)	42.2	-85.9		1.7		0.9	135.0	36.5
(KLIR, 20,100,H,H,AH,9)	42.2	-88.9		1.2		0.9	137.5	39.0

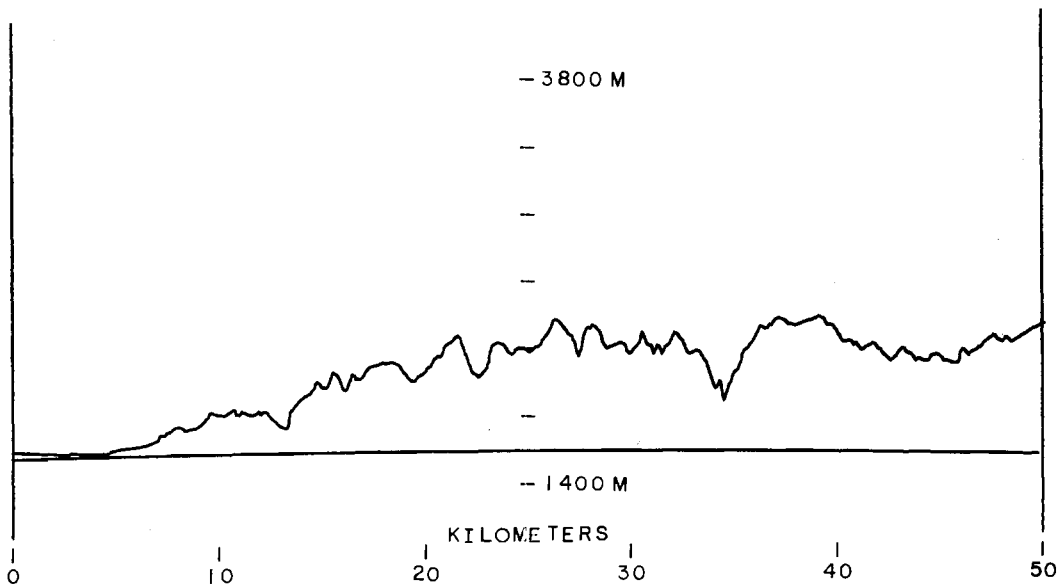
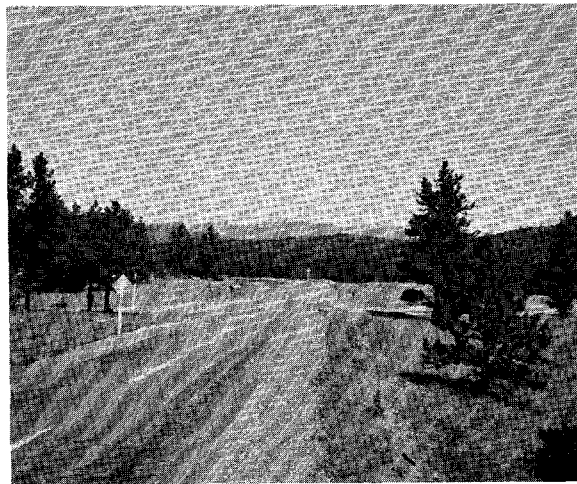
COLORADO MOUNTAINS

B = 50KM

SITE #8

DATE 11-07-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50, 20,V,V, P,3)	24.0	-138.1	-4.2	1.6	0.1	-0.0	159.4	66.9
(MNTS, 50, 20,V,V,AV,3)	24.0	-138.2	-4.2	1.6	0.1	-0.0	159.5	67.1
(MNTS, 50, 20,V,V,AH,3)	24.0	-135.8	-4.2	-1.9	0.1	-0.0	153.6	61.1
(MNTS, 50, 50,V,V, P,1)	24.0	-141.8	-2.2	-3.8	1.2	0.2	158.4	57.9
(MNTS, 50, 50,V,V, P,3)	24.0	-135.0	-2.2	5.7	1.2	0.2	161.1	60.7
(MNTS, 50, 50,V,V,AV,1)	24.0	-147.2	-2.2	-3.8	1.2	0.2	163.8	63.4
(MNTS, 50, 50,V,V,AV,3)	24.0	-135.8	-2.2	5.7	1.2	0.2	161.9	61.4
(MNTS, 50, 50,V,V,AH,1)	24.0	-140.0	-2.2	5.6	1.2	0.2	166.0	65.6
(MNTS, 50, 50,V,V,AH,3)	24.0	-135.2	-2.2	-1.0	1.2	0.2	154.6	54.1



COLORADO MOUNTAINS B= 50KM SITE 48

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-17-64	22.86	CLEAR	0%	50.0	75.5

SITE IS ON SLOPE DOWNWARD. CLEAR PATH 100YDS AND MOUNTAINS ON PATH 2MI AND 5MI.

(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, 50,100,V,V, P,3)	30.1	-129.8	7.6	0.8	0.9	0.9	172.6	66.1
(MNTS, 50,100,V,V, P,6)	30.1	-125.4	7.6	-0.4	0.9	0.9	167.1	60.5
(MNTS, 50,100,V,V, P,9)	30.1	-122.5	7.6	-1.2	0.9	0.9	163.4	56.8
(MNTS, 50,100,V,V,AV,3)	30.1	-121.9	7.6	0.8	0.9	0.9	164.7	58.2
(MNTS, 50,100,V,V,AV,6)	30.1	-121.9	7.6	-0.4	0.9	0.9	163.5	57.0
(MNTS, 50,100,V,V,AV,9)	30.1	-126.1	7.6	-1.2	0.9	0.9	167.0	60.4
(MNTS, 50,100,V,V,AH,3)	30.1	-123.6	7.6	-2.9	0.9	0.9	162.7	56.2
(MNTS, 50,100,V,V,AH,6)	30.1	-127.5	7.6	-2.0	0.9	0.9	167.5	61.0
(MNTS, 50,100,V,V,AH,9)	30.1	-125.0	7.6	-2.2	0.9	0.9	164.8	58.3
(MNTS, 50,100,H,V, P,3)	30.1	-145.6	9.6	-18.5	0.9	0.9	171.2	64.7
(MNTS, 50,100,H,V, P,6)	30.1	-145.6	9.6	-17.7	0.9	0.9	172.0	65.5
(MNTS, 50,100,H,V, P,9)	30.1	-145.6	9.6	-20.0	0.9	0.9	169.7	63.2
(MNTS, 50,100,H,V,AV,3)	30.1	-140.5	9.6	-18.5	0.9	0.9	166.0	59.5
(MNTS, 50,100,H,V,AV,6)	30.1	-136.3	9.6	-17.7	0.9	0.9	162.7	56.2
(MNTS, 50,100,H,V,AV,9)	30.1	-136.3	9.6	-20.0	0.9	0.9	160.4	53.9
(MNTS, 50,100,H,V,AH,3)	30.1	-136.2	9.6	-18.0	0.9	0.9	162.2	55.7
(MNTS, 50,100,H,V,AH,6)	30.1	-139.3	9.6	-17.4	0.9	0.9	165.9	59.4
(MNTS, 50,100,H,V,AH,9)	30.1	-139.3	9.6	-17.4	0.9	0.9	165.9	59.4
(MNTS, 50,100,V,H, P,3)	30.1	-138.0	7.6	-22.5	0.9	0.9	157.6	51.0
(MNTS, 50,100,V,H, P,6)	30.1	-138.0	7.6	-16.0	0.9	0.9	164.1	57.5
(MNTS, 50,100,V,H, P,9)	30.1	-138.0	7.6	-16.5	0.9	0.9	163.6	57.0
(MNTS, 50,100,V,H,AV,3)	30.1	-134.1	7.6	-22.5	0.9	0.9	153.6	47.1
(MNTS, 50,100,V,H,AV,6)	30.1	-134.1	7.6	-16.0	0.9	0.9	160.1	53.6
(MNTS, 50,100,V,H,AV,9)	30.1	-132.1	7.6	-16.5	0.9	0.9	157.7	51.2
(MNTS, 50,100,V,H,AH,3)	30.1	-133.5	7.6	-19.9	0.9	0.9	155.6	49.1
(MNTS, 50,100,V,H,AH,6)	30.1	-132.1	7.6	-15.5	0.9	0.9	158.7	52.2
(MNTS, 50,100,V,H,AH,9)	30.1	-133.5	7.6	-15.6	0.9	0.9	159.9	53.4
(MNTS, 50,100,H,H, P,3)	30.1	-130.2	9.6	-0.4	0.9	0.9	173.8	67.3
(MNTS, 50,100,H,H, P,6)	30.1	-124.7	9.6	1.4	0.9	0.9	170.2	63.7
(MNTS, 50,100,H,H, P,9)	30.1	-122.5	9.6	1.2	0.9	0.9	167.8	61.2
(MNTS, 50,100,H,H,AV,3)	30.1	-126.9	9.6	-0.4	0.9	0.9	170.5	64.0
(MNTS, 50,100,H,H,AV,6)	30.1	-122.4	9.6	1.4	0.9	0.9	167.8	61.3
(MNTS, 50,100,H,H,AV,9)	30.1	-120.3	9.6	1.2	0.9	0.9	165.6	59.1
(MNTS, 50,100,H,H,AH,3)	30.1	-125.0	9.6	-0.5	0.9	0.9	168.5	62.0
(MNTS, 50,100,H,H,AH,6)	30.1	-121.4	9.6	1.6	0.9	0.9	167.1	60.6
(MNTS, 50,100,H,H,AH,9)	30.1	-123.0	9.6	1.0	0.9	0.9	168.1	61.5
(KLIR, 23,100,H,H, P,3)	42.2	-88.9		1.5		0.9	137.8	38.0
(KLIR, 23,100,H,H, P,6)	42.2	-91.0		1.4		0.9	139.8	40.0
(KLIR, 23,100,H,H, P,9)	42.2	-94.2		1.2		0.9	142.8	43.0
(KLIR, 23,100,H,H,AV,3)	42.2	-95.4		1.5		0.9	144.3	44.5
(KLIR, 23,100,H,H,AV,6)	42.2	-90.4		1.4		0.9	139.2	39.4
(KLIR, 23,100,H,H,AV,9)	42.2	-90.4		1.2		0.9	139.0	39.2
(KLIR, 23,100,H,H,AH,3)	42.2	-93.8		-2.0		0.9	139.2	39.4
(KLIR, 23,100,H,H,AH,6)	42.2	-93.5		1.5		0.9	142.4	42.6
(KLIR, 23,100,H,H,AH,9)	42.2	-93.5		1.0		0.9	141.9	42.1

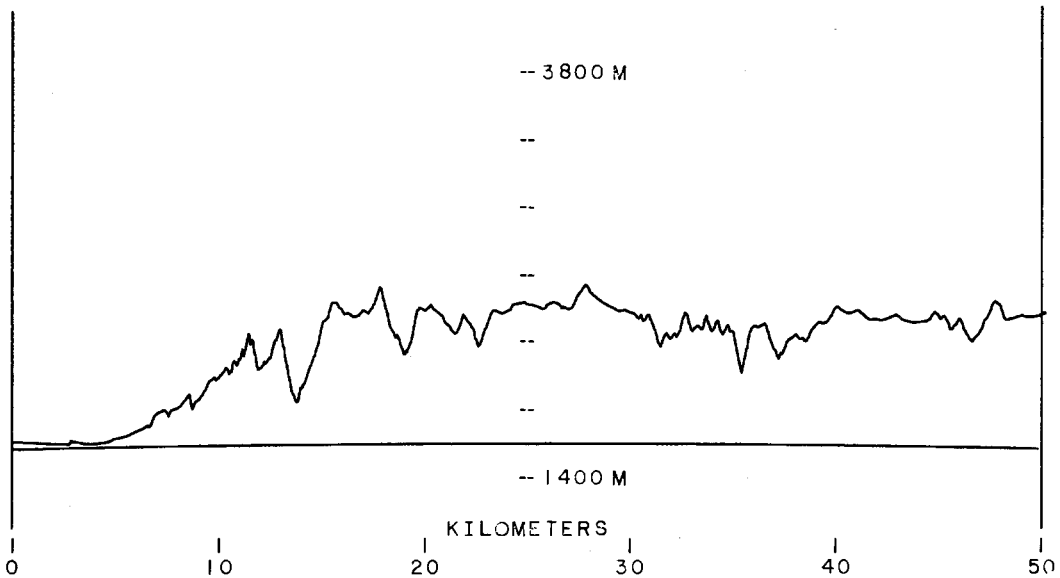
COLORADO MOUNTAINS

B= 50KM

SITE 50

DATE 11-06-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50, 20,V,V, P,3)	24.0	-133.3	-4.1	-2.8	0.1	-0.0	150.3	57.8
(MNTS, 50, 20,V,V,AV,3)	24.0	-133.3	-4.1	-2.8	0.1	-0.0	150.3	57.8
(MNTS, 50, 20,V,V,AH,3)	24.0	-133.3	-4.1	-2.8	0.1	-0.0	150.3	57.8
(MNTS, 50, 50,V,V, P,1)	24.0	-144.2	-2.2	-3.5	1.2	0.2	161.1	60.6
(MNTS, 50, 50,V,V, P,3)	24.0	-146.3	-2.2	-3.7	1.2	0.2	163.0	62.5
(MNTS, 50, 50,V,V,AV,1)	24.0	-144.2	-2.2	-3.5	1.2	0.2	161.1	60.6
(MNTS, 50, 50,V,V,AV,3)	24.0	-146.3	-2.2	-3.7	1.2	0.2	163.0	62.5
(MNTS, 50, 50,V,V,AH,1)	24.0	-144.2	-2.2	-3.5	1.2	0.2	161.1	60.6
(MNTS, 50, 50,V,V,AH,3)	24.0	-146.3	-2.2	-3.7	1.2	0.2	163.0	62.5



COLORADO MOUNTAINS B= 50KM SITE 50

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-17-64	22.48	CLEAR	0%	47.5	70.0

TREES ON PATH FOR 100YDS, MEADOW WITH MOUNTAINS IN BACKGROUND 5MI.

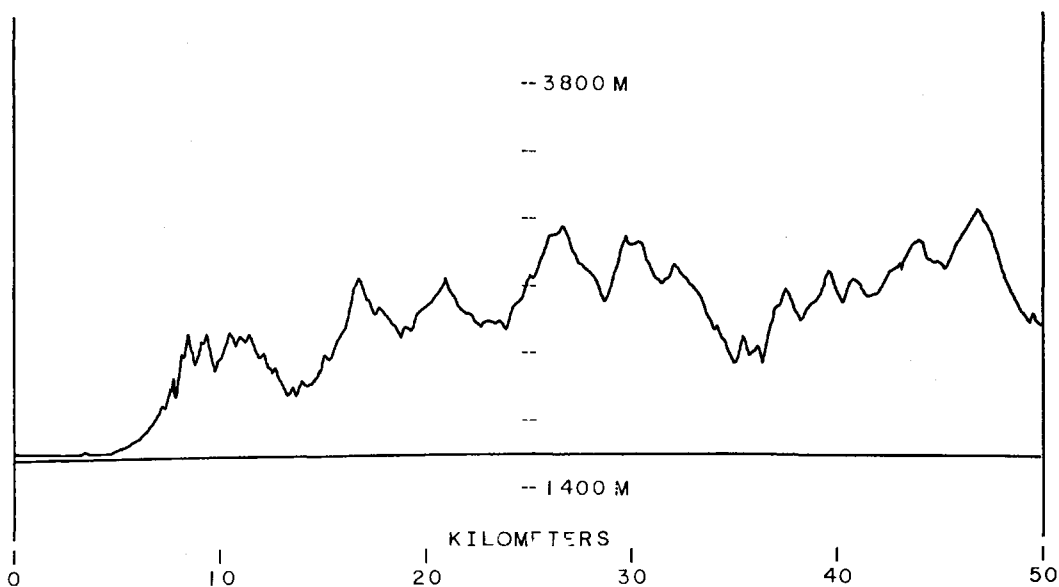
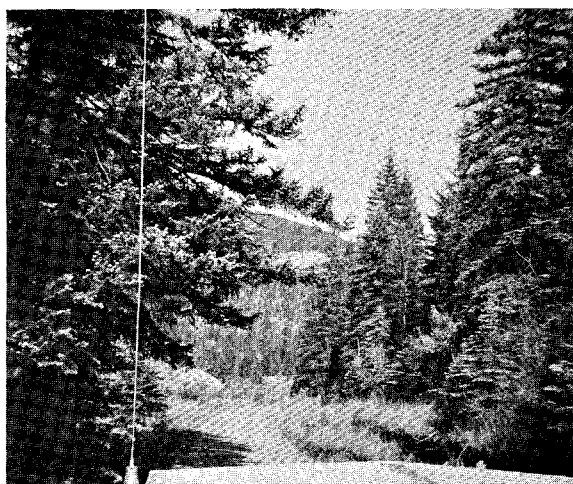
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(MNTS, 50,100,V,V, P,3)	30.1	-137.4	7.6	1.1	0.9	0.9	180.6	74.1
(MNTS, 50,100,V,V, P,6)	30.1	-135.1	7.6	-1.0	0.9	0.9	176.1	69.6
(MNTS, 50,100,V,V, P,9)	30.1	-135.1	7.6	-1.4	0.9	0.9	175.7	69.2
(MNTS, 50,100,V,V,AV,3)	30.1	-137.4	7.6	1.1	0.9	0.9	180.6	74.1
(MNTS, 50,100,V,V,AV,6)	30.1	-135.1	7.6	-1.0	0.9	0.9	176.1	69.6
(MNTS, 50,100,V,V,AV,9)	30.1	-135.1	7.6	-1.4	0.9	0.9	175.7	69.2
(MNTS, 50,100,V,V,AH,3)	30.1	-137.4	7.6	1.1	0.9	0.9	180.6	74.1
(MNTS, 50,100,V,V,AH,6)	30.1	-135.1	7.6	-1.0	0.9	0.9	176.1	69.6
(MNTS, 50,100,V,V,AH,9)	30.1	-135.1	7.6	-1.4	0.9	0.9	175.7	69.2
(MNTS, 50,100,H,V, P,3)	30.1	-144.5	9.6	-14.9	0.9	0.9	173.7	67.2
(MNTS, 50,100,H,V, P,6)	30.1	-144.5	9.6	-12.5	0.9	0.9	176.1	69.6
(MNTS, 50,100,H,V, P,9)	30.1	-138.4	9.6	-14.9	0.9	0.9	167.6	61.0
(MNTS, 50,100,H,V,AV,3)	30.1	-144.5	9.6	-14.9	0.9	0.9	173.7	67.2
(MNTS, 50,100,H,V,AV,6)	30.1	-144.5	9.6	-12.5	0.9	0.9	176.1	69.6
(MNTS, 50,100,H,V,AV,9)	30.1	-138.4	9.6	-14.9	0.9	0.9	167.6	61.0
(MNTS, 50,100,H,V,AH,3)	30.1	-144.5	9.6	-14.9	0.9	0.9	173.7	67.2
(MNTS, 50,100,H,V,AH,6)	30.1	-144.5	9.6	-12.5	0.9	0.9	176.1	69.6
(MNTS, 50,100,H,V,AH,9)	30.1	-138.4	9.6	-14.9	0.9	0.9	167.6	61.0
(MNTS, 50,100,V,H, P,3)	30.1	-146.4	7.6	-20.0	0.9	0.9	168.4	61.9
(MNTS, 50,100,V,H, P,6)	30.1	-146.4	7.6	-20.6	0.9	0.9	167.8	61.3
(MNTS, 50,100,V,H, P,9)	30.1	-140.3	7.6	-17.3	0.9	0.9	165.1	58.6
(MNTS, 50,100,V,H,AV,3)	30.1	-146.4	7.6	-20.0	0.9	0.9	168.4	61.9
(MNTS, 50,100,V,H,AV,6)	30.1	-146.4	7.6	-20.6	0.9	0.9	167.8	61.3
(MNTS, 50,100,V,H,AV,9)	30.1	-140.3	7.6	-17.3	0.9	0.9	165.1	58.6
(MNTS, 50,100,V,H,AH,3)	30.1	-146.4	7.6	-20.0	0.9	0.9	168.4	61.9
(MNTS, 50,100,V,H,AH,6)	30.1	-146.4	7.6	-20.6	0.9	0.9	167.8	61.3
(MNTS, 50,100,V,H,AH,9)	30.1	-140.3	7.6	-17.3	0.9	0.9	165.1	58.6
(MNTS, 50,100,H,H, P,3)	30.1	-140.1	9.6	-2.0	0.9	0.9	182.1	75.6
(MNTS, 50,100,H,H, P,6)	30.1	-135.4	9.6	1.6	0.9	0.9	181.1	74.5
(MNTS, 50,100,H,H, P,9)	30.1	-131.0	9.6	1.1	0.9	0.9	176.1	69.6
(MNTS, 50,100,H,H,AV,3)	30.1	-140.1	9.6	-2.0	0.9	0.9	182.1	75.6
(MNTS, 50,100,H,H,AV,6)	30.1	-135.4	9.6	1.6	0.9	0.9	181.1	74.5
(MNTS, 50,100,H,H,AV,9)	30.1	-131.0	9.6	1.1	0.9	0.9	176.1	69.6
(MNTS, 50,100,H,H,AH,3)	30.1	-140.1	9.6	-2.0	0.9	0.9	182.1	75.6
(MNTS, 50,100,H,H,AH,6)	30.1	-135.4	9.6	1.6	0.9	0.9	181.1	74.5
(MNTS, 50,100,H,H,AH,9)	30.1	-131.0	9.6	1.1	0.9	0.9	176.1	69.6
(KLIR, 28,100,H,H, P,3)	42.2	-100.3		-0.5		0.9	147.2	45.9
(KLIR, 28,100,H,H, P,6)	42.2	-97.9		1.6		0.9	146.9	45.6
(KLIR, 28,100,H,H, P,9)	42.2	-104.5		1.0		0.9	152.9	51.6
(KLIR, 28,100,H,H,AV,3)	42.2	-100.3		-0.5		0.9	147.2	45.9
(KLIR, 28,100,H,H,AV,6)	42.2	**						
(KLIR, 28,100,H,H,AV,9)	42.2	-104.5		1.0		0.9	152.9	51.6
(KLIR, 28,100,H,H,AH,3)	42.2	-100.3		-0.5		0.9	147.2	45.9
(KLIR, 28,100,H,H,AH,6)	42.2	**						
(KLIR, 28,100,H,H,AH,9)	42.2	-104.5		1.0		0.9	152.9	51.6

** SIGNAL TOO LOW TO BE MEASURED

COLORADO MOUNTAINS B= 50KM SITE 52

DATE 11-30-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50, 20,V,V, P,3)	24.0	-141.0	-4.0	-2.6	0.1	-0.0	158.3	65.9
(MNTS, 50, 20,V,V,AV,3)	24.0	-141.0	-4.0	-2.6	0.1	-0.0	158.3	65.9
(MNTS, 50, 20,V,V,AH,3)	24.0	-141.0	-4.0	-2.6	0.1	-0.0	158.3	65.9
(MNTS, 50, 50,V,V, P,1)	24.0	-154.3	-2.2	4.8	1.2	0.2	179.5	79.0
(MNTS, 50, 50,V,V, P,3)	24.0	-150.2	-2.2	0.6	1.2	0.2	171.2	70.8
(MNTS, 50, 50,V,V,AV,1)	24.0	-154.3	-2.2	4.8	1.2	0.2	179.5	79.0
(MNTS, 50, 50,V,V,AV,3)	24.0	-150.2	-2.2	0.6	1.2	0.2	171.2	70.8
(MNTS, 50, 50,V,V,AH,1)	24.0	-154.3	-2.2	4.8	1.2	0.2	179.5	79.0
(MNTS, 50, 50,V,V,AH,3)	24.0	-150.2	-2.2	0.6	1.2	0.2	171.2	70.8



COLORADO MOUNTAINS B= 50KM SITE 52

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-22-64	22.66	CLEAR	0%	49.0	71.0

SITE IS IN VALLEY, 10000FT PEAK 5MI ON PATH.

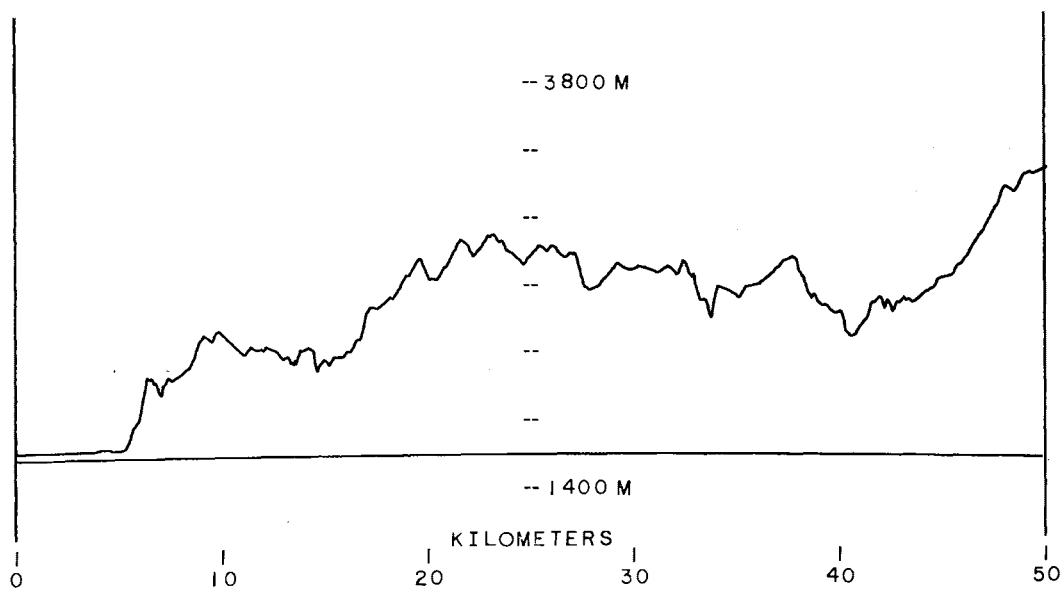
(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50,100,V,V, P,3)	30.1	**	7.6	-4.1	0.9	0.9	**	**
(MNTS, 50,100,V,V, P,6)	30.1	**	7.6	-4.4	0.9	0.9	**	**
(MNTS, 50,100,V,V, P,9)	30.1	**	7.6	-4.2	0.9	0.9	**	**
(MNTS, 50,100,V,V,AV,3)	30.1	**	7.6	-4.1	0.9	0.9	**	**
(MNTS, 50,100,V,V,AV,6)	30.1	**	7.6	-4.4	0.9	0.9	**	**
(MNTS, 50,100,V,V,AV,9)	30.1	**	7.6	-4.2	0.9	0.9	**	**
(MNTS, 50,100,V,V,AH,3)	30.1	**	7.6	-4.1	0.9	0.9	**	**
(MNTS, 50,100,V,V,AH,6)	30.1	**	7.6	-4.4	0.9	0.9	**	**
(MNTS, 50,100,V,V,AH,9)	30.1	**	7.6	-4.2	0.9	0.9	**	**
(MNTS, 50,100,H,V, P,3)	30.1	-144.1	9.6	-20.0	0.9	0.9	168.2	61.7
(MNTS, 50,100,H,V, P,6)	30.1	-144.1	9.6	-22.7	0.9	0.9	165.5	59.0
(MNTS, 50,100,H,V, P,9)	30.1	-144.1	9.6	-24.0	0.9	0.9	164.2	57.7
(MNTS, 50,100,H,V,AV,3)	30.1	-144.1	9.6	-20.0	0.9	0.9	168.2	61.7
(MNTS, 50,100,H,V,AV,6)	30.1	-144.1	9.6	-22.7	0.9	0.9	165.5	59.0
(MNTS, 50,100,H,V,AV,9)	30.1	-144.1	9.6	-24.0	0.9	0.9	164.2	57.7
(MNTS, 50,100,H,V,AH,3)	30.1	-144.1	9.6	-20.0	0.9	0.9	168.2	61.7
(MNTS, 50,100,H,V,AH,6)	30.1	-144.1	9.6	-22.7	0.9	0.9	165.5	59.0
(MNTS, 50,100,H,V,AH,9)	30.1	-144.1	9.6	-24.0	0.9	0.9	164.2	57.7
(MNTS, 50,100,V,H, P,3)	30.1	**	7.6	-17.7	0.9	0.9	**	**
(MNTS, 50,100,V,H, P,6)	30.1	**	7.6	-18.0	0.9	0.9	**	**
(MNTS, 50,100,V,H, P,9)	30.1	**	7.6	-16.5	0.9	0.9	**	**
(MNTS, 50,100,V,H,AV,3)	30.1	**	7.6	-17.7	0.9	0.9	**	**
(MNTS, 50,100,V,H,AV,6)	30.1	**	7.6	-18.0	0.9	0.9	**	**
(MNTS, 50,100,V,H,AV,9)	30.1	**	7.6	-16.5	0.9	0.9	**	**
(MNTS, 50,100,V,H,AH,3)	30.1	**	7.6	-17.7	0.9	0.9	**	**
(MNTS, 50,100,V,H,AH,6)	30.1	**	7.6	-18.0	0.9	0.9	**	**
(MNTS, 50,100,V,H,AH,9)	30.1	**	7.6	-16.5	0.9	0.9	**	**
(MNTS, 50,100,H,H, P,3)	30.1	**	9.6	-0.2	0.9	0.9	**	**
(MNTS, 50,100,H,H, P,6)	30.1	**	9.6	1.0	0.9	0.9	**	**
(MNTS, 50,100,H,H, P,9)	30.1	**	9.6	0.6	0.9	0.9	**	**
(MNTS, 50,100,H,H,AV,3)	30.1	**	9.6	-0.2	0.9	0.9	**	**
(MNTS, 50,100,H,H,AV,6)	30.1	**	9.6	1.0	0.9	0.9	**	**
(MNTS, 50,100,H,H,AV,9)	30.1	**	9.6	0.6	0.9	0.9	**	**
(MNTS, 50,100,H,H,AH,3)	30.1	**	9.6	-0.2	0.9	0.9	**	**
(MNTS, 50,100,H,H,AH,6)	30.1	**	9.6	1.0	0.9	0.9	**	**
(MNTS, 50,100,H,H,AH,9)	30.1	**	9.6	0.6	0.9	0.9	**	**
(KLIR, 34,100,H,H, P,3)	42.2	-109.4		-1.6		0.9	155.2	52.1
(KLIR, 34,100,H,H, P,6)	42.2	-106.4		1.6		0.9	155.4	52.3
(KLIR, 34,100,H,H, P,9)	42.2	-113.5		1.1		0.9	162.0	58.9
(KLIR, 34,100,H,H,AV,3)	42.2	-109.4		-1.6		0.9	155.2	52.1
(KLIR, 34,100,H,H,AV,6)	42.2	-106.4		1.6		0.9	155.4	52.3
(KLIR, 34,100,H,H,AV,9)	42.2	-113.5		1.1		0.9	162.0	58.9
(KLIR, 34,100,H,H,AH,3)	42.2	-109.4		-1.6		0.9	155.2	52.1
(KLIR, 34,100,H,H,AH,6)	42.2	-106.4		1.6		0.9	155.4	52.3
(KLIR, 34,100,H,H,AH,9)	42.2	-113.5		1.1		0.9	162.0	58.9

** SIGNAL TOO LOW TO BE MEASURED

COLORADO MOUNTAINS B= 50KM SITE 53

DATE 11-30-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50, 20,V,V, P,3)	24.0	-142.1	-3.6	-2.0	0.1	-0.0	160.4	67.9
(MNTS, 50, 20,V,V,AV,3)	24.0	-139.0	-3.6	-2.5	0.1	-0.0	156.8	64.4
(MNTS, 50, 20,V,V,AH,3)	24.0	-152.2	-3.6	-2.5	0.1	-0.0	170.0	77.6
(MNTS, 50, 50,V,V, P,1)	24.0	-147.5	-2.2	5.6	1.2	0.2	173.5	73.1
(MNTS, 50, 50,V,V, P,3)	24.0	-149.0	-2.2	0.7	1.2	0.2	170.1	69.7
(MNTS, 50, 50,V,V,AV,1)	24.0	-149.3	-2.2	4.8	1.2	0.2	174.5	74.0
(MNTS, 50, 50,V,V,AV,3)	24.0	-142.8	-2.2	0.6	1.2	0.2	163.8	63.3
(MNTS, 50, 50,V,V,AH,1)	24.0	-148.4	-2.2	4.8	1.2	0.2	173.6	73.1
(MNTS, 50, 50,V,V,AH,3)	24.0	-150.0	-2.2	0.6	1.2	0.2	171.0	70.6



COLORADO MOUNTAINS B= 50KM SITE 53

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

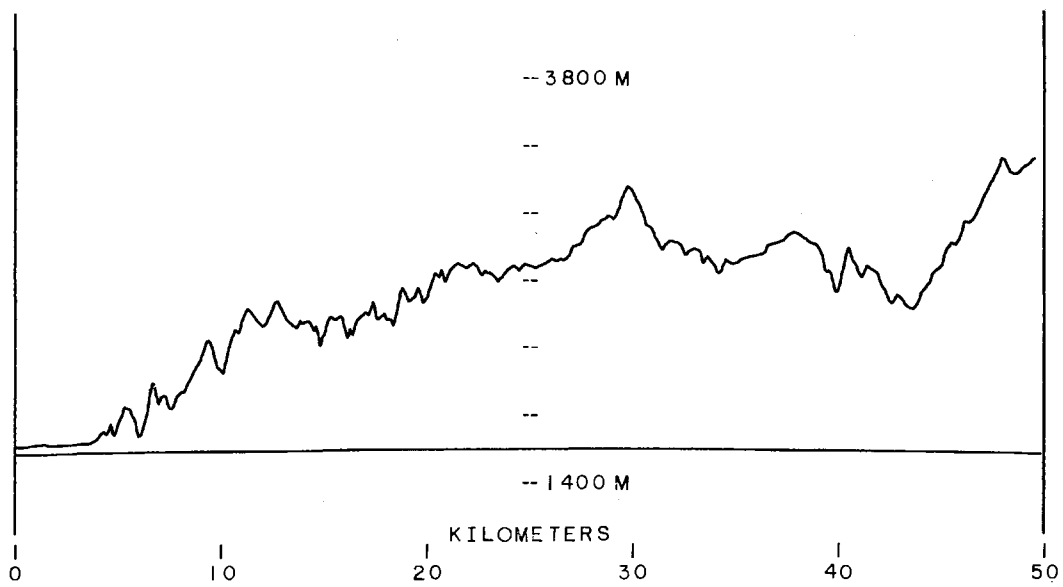
DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-18-64	20.38	H1	85%	43.0	62.9

RIDGE RISES 100FT, THEN VALLEY 9MI ACROSS ON PATH WITH MOUNTAIN RANGE 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
(MNTS, 50,100,V,V, P,3)	30.1	-135.4	7.6	-3.7	0.9	0.9	173.8	67.2
(MNTS, 50,100,V,V, P,6)	30.1	-123.9	7.6	-2.2	0.9	0.9	163.8	57.3
(MNTS, 50,100,V,V, P,9)	30.1	-121.4	7.6	-2.2	0.9	0.9	161.3	54.8
(MNTS, 50,100,V,V,AV,3)	30.1	-121.6	7.6	-4.1	0.9	0.9	159.5	53.0
(MNTS, 50,100,V,V,AV,6)	30.1	-120.3	7.6	-2.4	0.9	0.9	160.0	53.5
(MNTS, 50,100,V,V,AV,9)	30.1	-122.5	7.6	-2.2	0.9	0.9	162.4	55.8
(MNTS, 50,100,V,V,AH,3)	30.1	-129.0	7.6	-4.1	0.9	0.9	167.0	60.5
(MNTS, 50,100,V,V,AH,6)	30.1	-121.4	7.6	-2.4	0.9	0.9	161.1	54.6
(MNTS, 50,100,V,V,AH,9)	30.1	-119.5	7.6	-2.2	0.9	0.9	159.3	52.8
(MNTS, 50,100,H,V, P,3)	30.1	-137.9	9.6	-22.0	0.9	0.9	160.0	53.4
(MNTS, 50,100,H,V, P,6)	30.1	-137.9	9.6	-20.5	0.9	0.9	161.5	54.9
(MNTS, 50,100,H,V, P,9)	30.1	-133.8	9.6	-19.2	0.9	0.9	158.6	52.1
(MNTS, 50,100,H,V,AV,3)	30.1	-141.6	9.6	-21.5	0.9	0.9	164.1	57.6
(MNTS, 50,100,H,V,AV,6)	30.1	-141.6	9.6	-24.3	0.9	0.9	161.3	54.8
(MNTS, 50,100,H,V,AV,9)	30.1	-141.6	9.6	-24.0	0.9	0.9	161.6	55.1
(MNTS, 50,100,H,V,AH,3)	30.1	-138.9	9.6	-21.5	0.9	0.9	161.5	55.0
(MNTS, 50,100,H,V,AH,6)	30.1	-141.6	9.6	-24.3	0.9	0.9	161.3	54.8
(MNTS, 50,100,H,V,AH,9)	30.1	-136.2	9.6	-24.0	0.9	0.9	156.2	49.7
(MNTS, 50,100,V,H, P,3)	30.1	-140.1	7.6	-18.7	0.9	0.9	163.4	56.9
(MNTS, 50,100,V,H, P,6)	30.1	-135.4	7.6	-15.3	0.9	0.9	162.2	55.6
(MNTS, 50,100,V,H, P,9)	30.1	-130.2	7.6	-15.8	0.9	0.9	156.4	49.9
(MNTS, 50,100,V,H,AV,3)	30.1	-133.2	7.6	-17.8	0.9	0.9	157.4	50.9
(MNTS, 50,100,V,H,AV,6)	30.1	-126.4	7.6	-17.8	0.9	0.9	150.6	44.1
(MNTS, 50,100,V,H,AV,9)	30.1	-125.4	7.6	-16.5	0.9	0.9	151.0	44.4
(MNTS, 50,100,V,H,AH,3)	30.1	-137.8	7.6	-17.8	0.9	0.9	162.1	55.5
(MNTS, 50,100,V,H,AH,6)	30.1	-129.4	7.6	-17.8	0.9	0.9	153.6	47.1
(MNTS, 50,100,V,H,AH,9)	30.1	-123.7	7.6	-16.5	0.9	0.9	149.3	42.8
(MNTS, 50,100,H,H, P,3)	30.1	-134.1	9.6	-0.3	0.9	0.9	177.8	71.3
(MNTS, 50,100,H,H, P,6)	30.1	-125.2	9.6	1.3	0.9	0.9	170.5	64.0
(MNTS, 50,100,H,H, P,9)	30.1	-117.9	9.6	0.8	0.9	0.9	162.8	56.2
(MNTS, 50,100,H,H,AV,3)	30.1	-128.1	9.6	-0.2	0.9	0.9	171.9	65.4
(MNTS, 50,100,H,H,AV,6)	30.1	-118.9	9.6	1.0	0.9	0.9	164.0	57.5
(MNTS, 50,100,H,H,AV,9)	30.1	-113.8	9.6	0.6	0.9	0.9	158.4	51.9
(MNTS, 50,100,H,H,AH,3)	30.1	-119.6	9.6	-0.2	0.9	0.9	163.5	56.9
(MNTS, 50,100,H,H,AH,6)	30.1	-111.4	9.6	1.0	0.9	0.9	156.5	49.9
(MNTS, 50,100,H,H,AH,9)	30.1	-110.2	9.6	0.6	0.9	0.9	154.8	48.3
(KLIR, 43,100,H,H, P,3)	42.2	-94.4		-0.8		0.9	141.0	35.8
(KLIR, 43,100,H,H, P,6)	42.2	-92.4		1.6		0.9	141.4	36.2
(KLIR, 43,100,H,H, P,9)	42.2	-95.6		1.1		0.9	144.1	38.9
(KLIR, 43,100,H,H,AV,3)	42.2	-97.0		-0.8		0.9	143.6	38.4
(KLIR, 43,100,H,H,AV,6)	42.2	-95.6		1.6		0.9	144.6	39.4
(KLIR, 43,100,H,H,AV,9)	42.2	-95.3		1.1		0.9	143.8	38.6
(KLIR, 43,100,H,H,AH,3)	42.2	-99.3		-0.8		0.9	145.9	40.7
(KLIR, 43,100,H,H,AH,6)	42.2	-96.2		1.6		0.9	145.2	40.0
(KLIR, 43,100,H,H,AH,9)	42.2	-97.4		1.1		0.9	145.9	40.8

COLORADO MOUNTAINS B= 50KM SITE 55

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO MOUNTAINS B= 50KM SITE 55

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-16-64	21.24	H1	10%	46.8	59.3

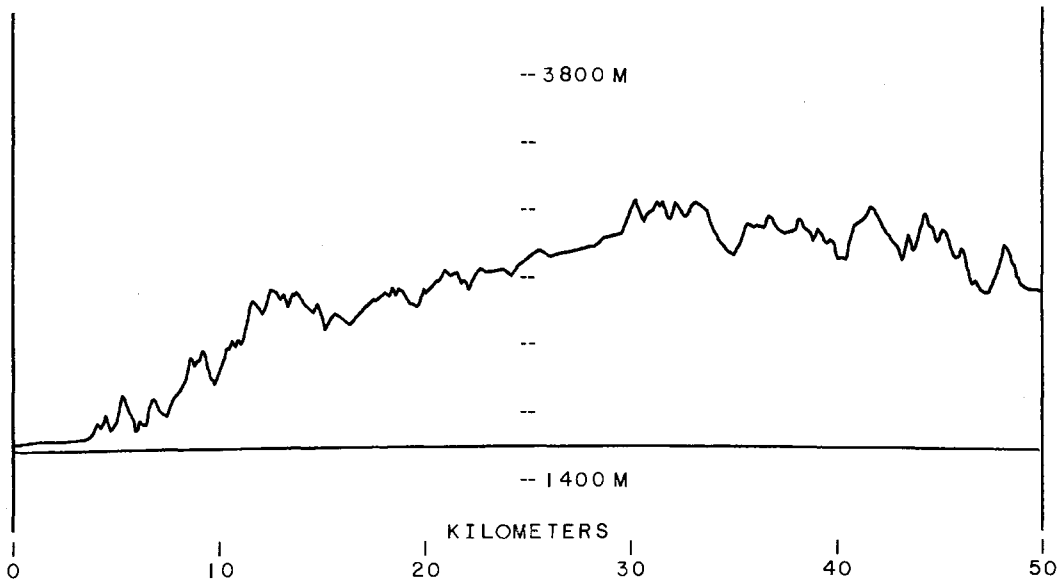
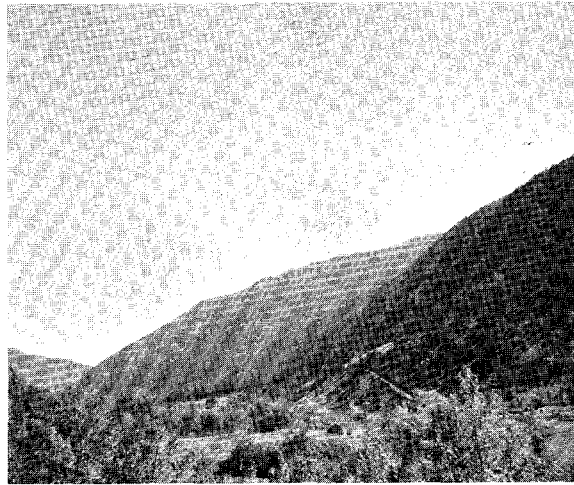
TREES 40FT HIGHER THAN SIDE OF ROAD, VALLEY WITH MOUNTAIN RANGE BEYOND 10 TO 12MI.

(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, 50,100,V,V, P,3)	30.1	-127.8	7.6	-0.4	0.9	0.9	169.4	62.9
(MNTS, 50,100,V,V, P,6)	30.1	-128.4	7.6	-0.7	0.9	0.9	169.7	63.2
(MNTS, 50,100,V,V, P,9)	30.1	-126.6	7.6	-1.6	0.9	0.9	167.1	60.5
(MNTS, 50,100,V,V,AV,3)	30.1	-124.1	7.6	-0.4	0.9	0.9	165.8	59.3
(MNTS, 50,100,V,V,AV,6)	30.1	-124.1	7.6	-0.7	0.9	0.9	165.5	59.0
(MNTS, 50,100,V,V,AV,9)	30.1	-124.1	7.6	-1.6	0.9	0.9	164.6	58.1
(MNTS, 50,100,V,V,AH,3)	30.1	-137.0	7.6	-0.4	0.9	0.9	178.6	72.1
(MNTS, 50,100,V,V,AH,6)	30.1	-132.4	7.6	-0.7	0.9	0.9	173.7	67.2
(MNTS, 50,100,V,V,AH,9)	30.1	-125.9	7.6	-1.6	0.9	0.9	166.3	59.8
(MNTS, 50,100,H,V, P,3)	30.1	-135.4	9.6	-21.0	0.9	0.9	158.5	51.9
(MNTS, 50,100,H,V, P,6)	30.1	-137.4	9.6	-19.5	0.9	0.9	162.0	55.5
(MNTS, 50,100,H,V, P,9)	30.1	-137.4	9.6	-21.7	0.9	0.9	159.8	53.3
(MNTS, 50,100,H,V,AV,3)	30.1	-135.4	9.6	-21.0	0.9	0.9	158.5	51.9
(MNTS, 50,100,H,V,AV,6)	30.1	-135.4	9.6	-19.5	0.9	0.9	160.0	53.4
(MNTS, 50,100,H,V,AV,9)	30.1	-138.7	9.6	-21.7	0.9	0.9	161.1	54.5
(MNTS, 50,100,H,V,AH,3)	30.1	-139.5	9.6	-21.0	0.9	0.9	162.5	56.0
(MNTS, 50,100,H,V,AH,6)	30.1	-139.5	9.6	-19.5	0.9	0.9	164.0	57.5
(MNTS, 50,100,H,V,AH,9)	30.1	-134.0	9.6	-21.7	0.9	0.9	156.3	49.8
(MNTS, 50,100,V,H, P,3)	30.1	-134.1	7.6	-22.1	0.9	0.9	154.0	47.5
(MNTS, 50,100,V,H, P,6)	30.1	-132.1	7.6	-16.1	0.9	0.9	158.1	51.6
(MNTS, 50,100,V,H, P,9)	30.1	-129.8	7.6	-16.8	0.9	0.9	155.0	48.5
(MNTS, 50,100,V,H,AV,3)	30.1	-137.9	7.6	-22.1	0.9	0.9	157.9	51.3
(MNTS, 50,100,V,H,AV,6)	30.1	-132.4	7.6	-16.1	0.9	0.9	158.3	51.8
(MNTS, 50,100,V,H,AV,9)	30.1	-134.7	7.6	-16.8	0.9	0.9	160.0	53.4
(MNTS, 50,100,V,H,AH,3)	30.1	-136.2	7.6	-22.1	0.9	0.9	156.1	49.6
(MNTS, 50,100,V,H,AH,6)	30.1	-132.7	7.6	-16.1	0.9	0.9	158.6	52.1
(MNTS, 50,100,V,H,AH,9)	30.1	-132.7	7.6	-16.8	0.9	0.9	157.9	51.4
(MNTS, 50,100,H,H, P,3)	30.1	-125.9	9.6	0.1	0.9	0.9	170.0	63.5
(MNTS, 50,100,H,H, P,6)	30.1	-122.4	9.6	1.2	0.9	0.9	167.6	61.1
(MNTS, 50,100,H,H, P,9)	30.1	-123.9	9.6	0.8	0.9	0.9	168.8	62.3
(MNTS, 50,100,H,H,AV,3)	30.1	-129.4	9.6	0.1	0.9	0.9	173.5	67.0
(MNTS, 50,100,H,H,AV,6)	30.1	-123.0	9.6	1.2	0.9	0.9	168.3	61.7
(MNTS, 50,100,H,H,AV,9)	30.1	-120.9	9.6	0.8	0.9	0.9	165.7	59.2
(MNTS, 50,100,H,H,AH,3)	30.1	-118.7	9.6	0.1	0.9	0.9	162.9	56.3
(MNTS, 50,100,H,H,AH,6)	30.1	-121.7	9.6	1.2	0.9	0.9	167.0	60.5
(MNTS, 50,100,H,H,AH,9)	30.1	-124.3	9.6	0.8	0.9	0.9	169.2	62.7
(KLIR, 51,100,H,H, P,3)	42.2	-94.7		0.1		0.9	142.2	35.6
(KLIR, 51,100,H,H, P,6)	42.2	-95.4		1.6		0.9	144.4	37.8
(KLIR, 51,100,H,H, P,9)	42.2	-98.9		1.3		0.9	147.6	41.0
(KLIR, 51,100,H,H,AV,3)	42.2	-101.2		0.1		0.9	148.7	42.0
(KLIR, 51,100,H,H,AV,6)	42.2	-98.2		1.6		0.9	147.2	40.6
(KLIR, 51,100,H,H,AV,9)	42.2	-100.3		1.3		0.9	149.0	42.4
(KLIR, 51,100,H,H,AH,3)	42.2	-92.4		0.1		0.9	139.9	33.2
(KLIR, 51,100,H,H,AH,6)	42.2	-95.4		1.6		0.9	144.4	37.8
(KLIR, 51,100,H,H,AH,9)	42.2	-90.2		1.3		0.9	138.9	32.2

COLORADO MOUNTAINS B= 50KM SITE 56

DATE 11-30-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50, 20,V,V, P,3)	24.0	-130.3	-3.2	1.3	0.1	-0.0	152.3	59.8
(MNTS, 50, 20,V,V,AV,3)	24.0	-130.3	-3.2	1.3	0.1	-0.0	152.3	59.8
(MNTS, 50, 20,V,V,AH,3)	24.0	-130.3	-3.2	1.3	0.1	-0.0	152.3	59.8
(MNTS, 50, 50,V,V, P,1)	24.0	-151.7	-2.2	-3.0	1.2	0.2	169.1	68.6
(MNTS, 50, 50,V,V, P,3)	24.0	-149.4	-2.2	6.7	1.2	0.2	176.5	76.1
(MNTS, 50, 50,V,V,AV,1)	24.0	-151.7	-2.2	-3.0	1.2	0.2	169.1	68.6
(MNTS, 50, 50,V,V,AV,3)	24.0	-149.4	-2.2	6.7	1.2	0.2	176.5	76.1
(MNTS, 50, 50,V,V,AH,1)	24.0	-151.7	-2.2	-3.0	1.2	0.2	169.1	68.6
(MNTS, 50, 50,V,V,AH,3)	24.0	-149.4	-2.2	6.7	1.2	0.2	176.5	76.1



COLORADO MOUNTAINS B= 50KM SITE 56

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-23-64	22.34	CLEAR	0%	44.0	63.0

DOWN A VALLEY 1/4MI WIDE, 2000FT MOUNTAINS ON EITHER SIDE, 2 1/2MI ON PATH. POWER LINES 400YDS TO RIGHT 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
(MNTS, 50,100,V,V, P,3)	30.1	-146.6	7.6	0.8	0.9	0.9	189.5	82.9
(MNTS, 50,100,V,V, P,6)	30.1	-146.6	7.6	-0.5	0.9	0.9	188.2	81.6
(MNTS, 50,100,V,V, P,9)	30.1	-146.6	7.6	-1.2	0.9	0.9	187.5	80.9
(MNTS, 50,100,V,V,AV,3)	30.1	-146.6	7.6	0.8	0.9	0.9	189.5	82.9
(MNTS, 50,100,V,V,AV,6)	30.1	-146.6	7.6	-0.5	0.9	0.9	188.2	81.6
(MNTS, 50,100,V,V,AV,9)	30.1	-146.6	7.6	-1.2	0.9	0.9	187.5	80.9
(MNTS, 50,100,V,V,AH,3)	30.1	-146.6	7.6	0.8	0.9	0.9	189.5	82.9
(MNTS, 50,100,V,V,AH,6)	30.1	-146.6	7.6	-0.5	0.9	0.9	188.2	81.6
(MNTS, 50,100,V,V,AH,9)	30.1	-146.6	7.6	-1.2	0.9	0.9	187.5	80.9
(MNTS, 50,100,H,V, P,3)	30.1	-148.4	9.6	-16.4	0.9	0.9	176.0	69.5
(MNTS, 50,100,H,V, P,6)	30.1	-148.4	9.6	-14.7	0.9	0.9	177.7	71.2
(MNTS, 50,100,H,V, P,9)	30.1	-148.4	9.6	-18.0	0.9	0.9	174.4	67.9
(MNTS, 50,100,H,V,AV,3)	30.1	-148.4	9.6	-16.4	0.9	0.9	176.0	69.5
(MNTS, 50,100,H,V,AV,6)	30.1	-148.4	9.6	-14.7	0.9	0.9	177.7	71.2
(MNTS, 50,100,H,V,AV,9)	30.1	-148.4	9.6	-18.0	0.9	0.9	174.4	67.9
(MNTS, 50,100,H,V,AH,3)	30.1	-148.4	9.6	-16.4	0.9	0.9	176.0	69.5
(MNTS, 50,100,H,V,AH,6)	30.1	-148.4	9.6	-14.7	0.9	0.9	177.7	71.2
(MNTS, 50,100,H,V,AH,9)	30.1	-148.4	9.6	-18.0	0.9	0.9	174.4	67.9
(MNTS, 50,100,V,H, P,3)	30.1	-144.7	7.6	-20.0	0.9	0.9	166.8	60.3
(MNTS, 50,100,V,H, P,6)	30.1	-144.7	7.6	-15.9	0.9	0.9	170.9	64.4
(MNTS, 50,100,V,H, P,9)	30.1	-144.7	7.6	16.3	0.9	0.9	203.1	96.6
(MNTS, 50,100,V,H,AV,3)	30.1	-144.7	7.6	-20.0	0.9	0.9	166.8	60.3
(MNTS, 50,100,V,H,AV,6)	30.1	-144.7	7.6	-15.9	0.9	0.9	170.9	64.4
(MNTS, 50,100,V,H,AV,9)	30.1	-144.7	7.6	16.3	0.9	0.9	203.1	96.6
(MNTS, 50,100,V,H,AH,3)	30.1	-144.7	7.6	-20.0	0.9	0.9	166.8	60.3
(MNTS, 50,100,V,H,AH,6)	30.1	-144.7	7.6	-15.9	0.9	0.9	170.9	64.4
(MNTS, 50,100,V,H,AH,9)	30.1	-144.7	7.6	16.3	0.9	0.9	203.1	96.6
(MNTS, 50,100,H,H, P,3)	30.1	-141.4	9.6	0.2	0.9	0.9	185.7	79.2
(MNTS, 50,100,H,H, P,6)	30.1	-141.4	9.6	1.6	0.9	0.9	187.1	80.6
(MNTS, 50,100,H,H, P,9)	30.1	-147.8	9.6	1.3	0.9	0.9	193.1	86.6
(MNTS, 50,100,H,H,AV,3)	30.1	-141.4	9.6	0.2	0.9	0.9	185.7	79.2
(MNTS, 50,100,H,H,AV,6)	30.1	-141.4	9.6	1.6	0.9	0.9	187.1	80.6
(MNTS, 50,100,H,H,AV,9)	30.1	-147.8	9.6	1.3	0.9	0.9	193.1	86.6
(MNTS, 50,100,H,H,AH,3)	30.1	-141.4	9.6	0.2	0.9	0.9	185.7	79.2
(MNTS, 50,100,H,H,AH,6)	30.1	-141.4	9.6	1.6	0.9	0.9	187.1	80.6
(MNTS, 50,100,H,H,AH,9)	30.1	-147.8	9.6	1.3	0.9	0.9	193.1	86.6
(KLIR, 53,100,H,H, P,3)	42.2	-132.0		1.4		0.9	180.8	73.9
(KLIR, 53,100,H,H, P,6)	42.2	-132.0		1.3		0.9	180.7	73.8
(KLIR, 53,100,H,H, P,9)	42.2	-133.8		1.1		0.9	182.3	75.3
(KLIR, 53,100,H,H,AV,3)	42.2	-132.0		1.4		0.9	180.8	73.9
(KLIR, 53,100,H,H,AV,6)	42.2	-132.0		1.3		0.9	180.7	73.8
(KLIR, 53,100,H,H,AV,9)	42.2	-133.8		1.1		0.9	182.3	75.3
(KLIR, 53,100,H,H,AH,3)	42.2	-132.0		1.4		0.9	180.8	73.9
(KLIR, 53,100,H,H,AH,6)	42.2	-132.0		1.3		0.9	180.7	73.8
(KLIR, 53,100,H,H,AH,9)	42.2	-133.8		1.1		0.9	182.3	75.3

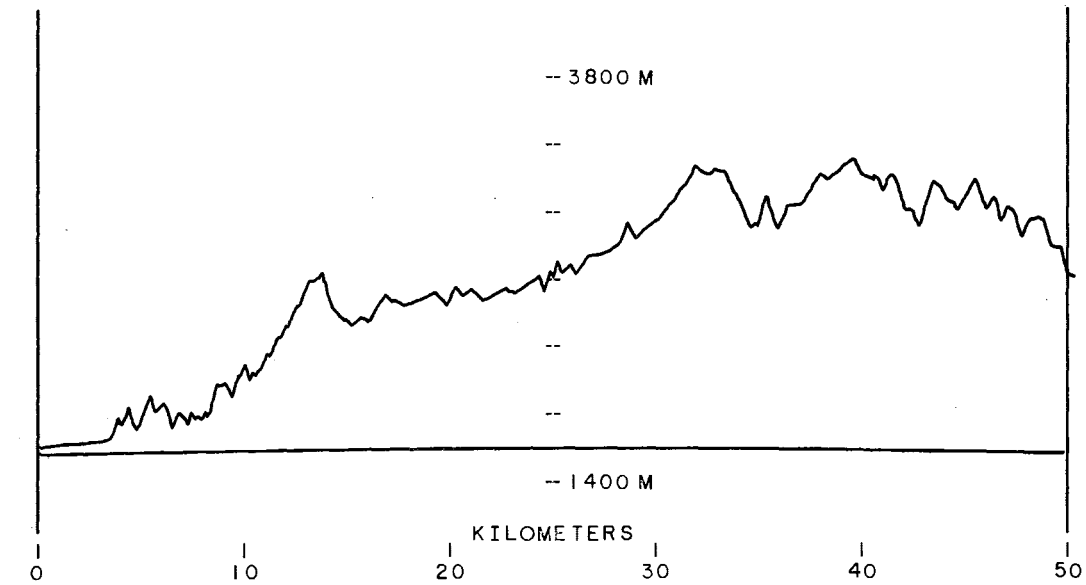
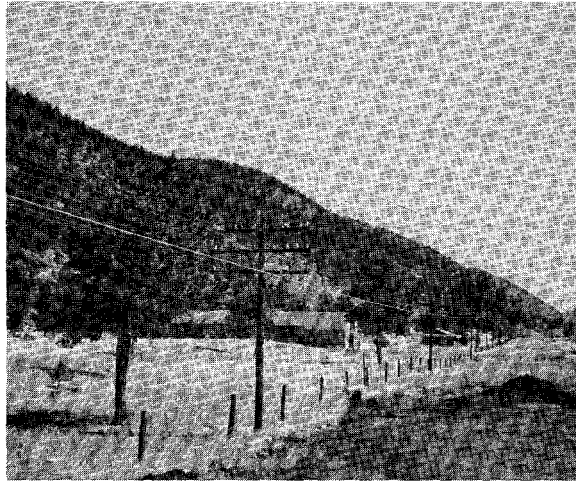
COLORADO MOUNTAINS

B= 50KM

SITE 57

DATE 11-30-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50, 20,V,V, P,3)	24.0	-131.8	-3.0	-3.0	0.1	-0.0	149.7	57.2
(MNTS, 50, 20,V,V,AV,3)	24.0	-131.8	-3.0	-3.0	0.1	-0.0	149.7	57.2
(MNTS, 50, 20,V,V,AH,3)	24.0	-131.8	-3.0	-3.0	0.1	-0.0	149.7	57.2
(MNTS, 50, 50,V,V, P,1)	24.0	-151.8	-2.2	4.3	1.2	0.2	176.5	76.0
(MNTS, 50, 50,V,V, P,3)	24.0	-150.0	-2.2	1.5	1.2	0.2	171.9	71.4
(MNTS, 50, 50,V,V,AV,1)	24.0	-151.8	-2.2	4.3	1.2	0.2	176.5	76.0
(MNTS, 50, 50,V,V,AV,3)	24.0	-150.0	-2.2	1.5	1.2	0.2	171.9	71.4
(MNTS, 50, 50,V,V,AH,1)	24.0	-151.8	-2.2	4.3	1.2	0.2	176.5	76.0
(MNTS, 50, 50,V,V,AH,3)	24.0	-150.0	-2.2	1.5	1.2	0.2	171.9	71.4



COLORADO MOUNTAINS B= 50KM SITE 57

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-23-64	22.05	CLEAR	0%	43.5	63.0

40-WIRE PHONE LINE 30FT NORTH OF TRUCK. IN VALLEY 1/2MI WIDE WITH MOUNTAINS ON EITHER SIDE 2500FT 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
(MNTS, 50,100,V,V, P,3)	30.1	-152.4	7.6	-4.0	0.9	0.9	190.4	83.9
(MNTS, 50,100,V,V, P,6)	30.1	-152.4	7.6	-2.4	0.9	0.9	192.0	85.5
(MNTS, 50,100,V,V, P,9)	30.1	-152.4	7.6	-2.2	0.9	0.9	192.2	85.7
(MNTS, 50,100,V,V,AV,3)	30.1	-152.4	7.6	-4.0	0.9	0.9	190.4	83.9
(MNTS, 50,100,V,V,AV,6)	30.1	-152.4	7.6	-2.4	0.9	0.9	192.0	85.5
(MNTS, 50,100,V,V,AV,9)	30.1	-152.4	7.6	-2.2	0.9	0.9	192.2	85.7
(MNTS, 50,100,V,V,AH,3)	30.1	-152.4	7.6	-4.0	0.9	0.9	190.4	83.9
(MNTS, 50,100,V,V,AH,6)	30.1	-152.4	7.6	-2.4	0.9	0.9	192.0	85.5
(MNTS, 50,100,V,V,AH,9)	30.1	-152.4	7.6	-2.2	0.9	0.9	192.2	85.7
(MNTS, 50,100,H,V, P,3)	30.1	-153.5	9.6	-17.0	0.9	0.9	180.5	74.0
(MNTS, 50,100,H,V, P,6)	30.1	-153.5	9.6	-19.0	0.9	0.9	178.5	72.0
(MNTS, 50,100,H,V, P,9)	30.1	-153.5	9.6	-24.0	0.9	0.9	173.5	67.0
(MNTS, 50,100,H,V,AV,3)	30.1	-153.5	9.6	-17.0	0.9	0.9	180.5	74.0
(MNTS, 50,100,H,V,AV,6)	30.1	-153.5	9.6	-19.0	0.9	0.9	178.5	72.0
(MNTS, 50,100,H,V,AV,9)	30.1	-153.5	9.6	-24.0	0.9	0.9	173.5	67.0
(MNTS, 50,100,H,V,AH,3)	30.1	-153.5	9.6	-17.0	0.9	0.9	180.5	74.0
(MNTS, 50,100,H,V,AH,6)	30.1	-153.5	9.6	-19.0	0.9	0.9	178.5	72.0
(MNTS, 50,100,H,V,AH,9)	30.1	-153.5	9.6	-24.0	0.9	0.9	173.5	67.0
(MNTS, 50,100,V,H, P,3)	30.1	-149.8	7.6	-17.6	0.9	0.9	174.2	67.7
(MNTS, 50,100,V,H, P,6)	30.1	-149.8	7.6	-16.8	0.9	0.9	175.0	68.5
(MNTS, 50,100,V,H, P,9)	30.1	-143.0	7.6	-18.3	0.9	0.9	166.8	60.2
(MNTS, 50,100,V,H,AV,3)	30.1	-149.8	7.6	-17.6	0.9	0.9	174.2	67.7
(MNTS, 50,100,V,H,AV,6)	30.1	-149.8	7.6	-16.8	0.9	0.9	175.0	68.5
(MNTS, 50,100,V,H,AV,9)	30.1	-143.0	7.6	-18.3	0.9	0.9	166.8	60.2
(MNTS, 50,100,V,H,AH,3)	30.1	-149.8	7.6	-17.6	0.9	0.9	174.2	67.7
(MNTS, 50,100,V,H,AH,6)	30.1	-149.8	7.6	-16.8	0.9	0.9	175.0	68.5
(MNTS, 50,100,V,H,AH,9)	30.1	-143.0	7.6	-18.3	0.9	0.9	166.8	60.2
(MNTS, 50,100,H,H, P,3)	30.1	-153.5	9.6	0.0	0.9	0.9	197.5	91.0
(MNTS, 50,100,H,H, P,6)	30.1	-153.5	9.6	1.0	0.9	0.9	198.5	92.0
(MNTS, 50,100,H,H, P,9)	30.1	-153.5	9.6	0.7	0.9	0.9	198.2	91.7
(MNTS, 50,100,H,H,AV,3)	30.1	-153.5	9.6	0.0	0.9	0.9	197.5	91.0
(MNTS, 50,100,H,H,AV,6)	30.1	-153.5	9.6	1.0	0.9	0.9	198.5	92.0
(MNTS, 50,100,H,H,AV,9)	30.1	-153.5	9.6	0.7	0.9	0.9	198.2	91.7
(MNTS, 50,100,H,H,AH,3)	30.1	-153.5	9.6	0.0	0.9	0.9	197.5	91.0
(MNTS, 50,100,H,H,AH,6)	30.1	-153.5	9.6	1.0	0.9	0.9	198.5	92.0
(MNTS, 50,100,H,H,AH,9)	30.1	-153.5	9.6	0.7	0.9	0.9	198.2	91.7
(KLIR, 56,100,H,H, P,3)	42.2	-129.2		-1.0		0.9	175.6	68.3
(KLIR, 56,100,H,H, P,6)	42.2	-124.7		1.6		0.9	173.7	66.4
(KLIR, 56,100,H,H, P,9)	42.2	-125.9		1.1		0.9	174.4	67.0
(KLIR, 56,100,H,H,AV,3)	42.2	-129.2		-1.0		0.9	175.6	68.3
(KLIR, 56,100,H,H,AV,6)	42.2	-124.7		1.6		0.9	173.7	66.4
(KLIR, 56,100,H,H,AV,9)	42.2	-125.9		1.1		0.9	174.4	67.0
(KLIR, 56,100,H,H,AH,3)	42.2	-129.2		-1.0		0.9	175.6	68.3
(KLIR, 56,100,H,H,AH,6)	42.2	-124.7		1.6		0.9	173.7	66.4
(KLIR, 56,100,H,H,AH,9)	42.2	-125.9		1.1		0.9	174.4	67.0

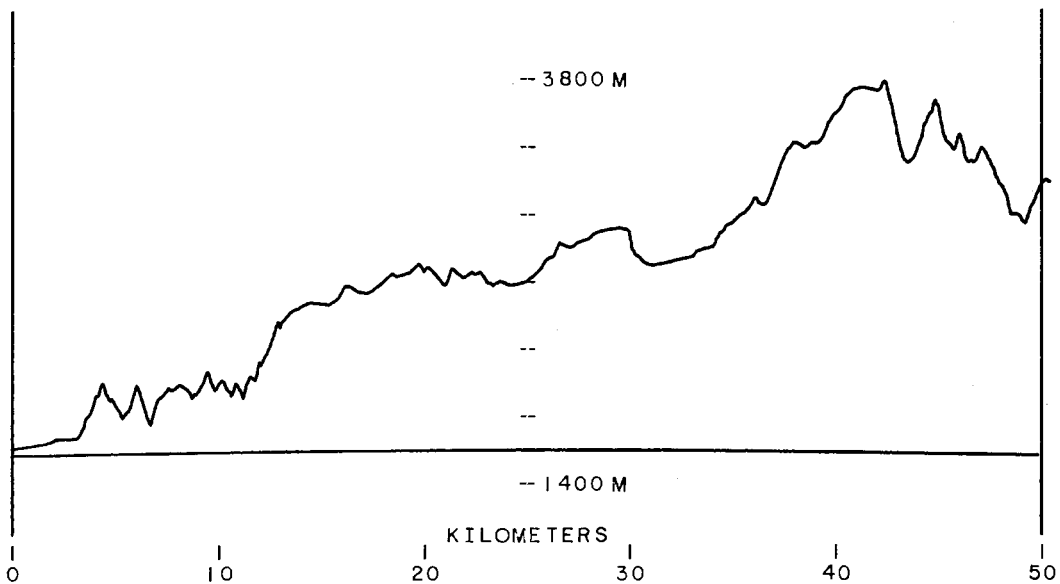
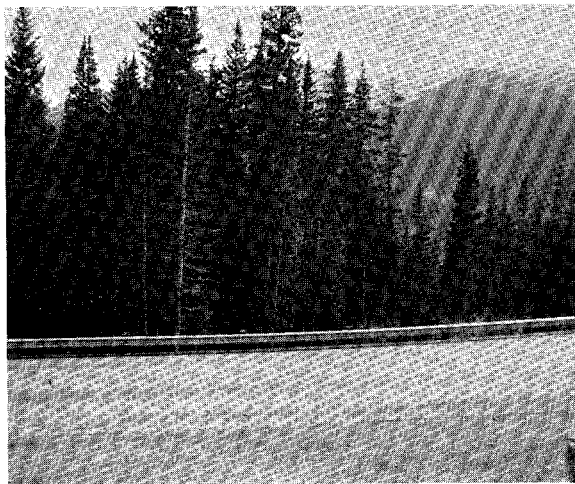
COLORADO MOUNTAINS

B= 50KM

SITE 58

DATE 12-01-64

(T,B,F,P(T),P(R),L,H)	w(T)	w(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50, 20,V,V, P,3)	24.0	-130.9	-2.7	-2.1	0.1	-0.0	150.0	57.6
(MNTS, 50, 20,V,V,AV,3)	24.0	-130.9	-2.7	-2.1	0.1	-0.0	150.0	57.6
(MNTS, 50, 20,V,V,AH,3)	24.0	-130.9	-2.7	-2.1	0.1	-0.0	150.0	57.6
(MNTS, 50, 50,V,V, P,1)	24.0	-150.0	-2.2	2.5	1.2	0.2	172.9	72.4
(MNTS, 50, 50,V,V, P,3)	24.0	-145.8	-2.2	-3.3	1.2	0.2	162.9	62.4
(MNTS, 50, 50,V,V,AV,1)	24.0	-150.0	-2.2	2.5	1.2	0.2	172.9	72.4
(MNTS, 50, 50,V,V,AV,3)	24.0	-145.8	-2.2	-3.3	1.2	0.2	162.9	62.4
(MNTS, 50, 50,V,V,AH,1)	24.0	-150.0	-2.2	2.5	1.2	0.2	172.9	72.4
(MNTS, 50, 50,V,V,AH,3)	24.0	-145.8	-2.2	-3.3	1.2	0.2	162.9	62.4



COLORADO MOUNTAINS R= 50KM SITE 58

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN	
				WET	DRY
09-16-64	20.66	H1,L1	40%	42.3	51.2

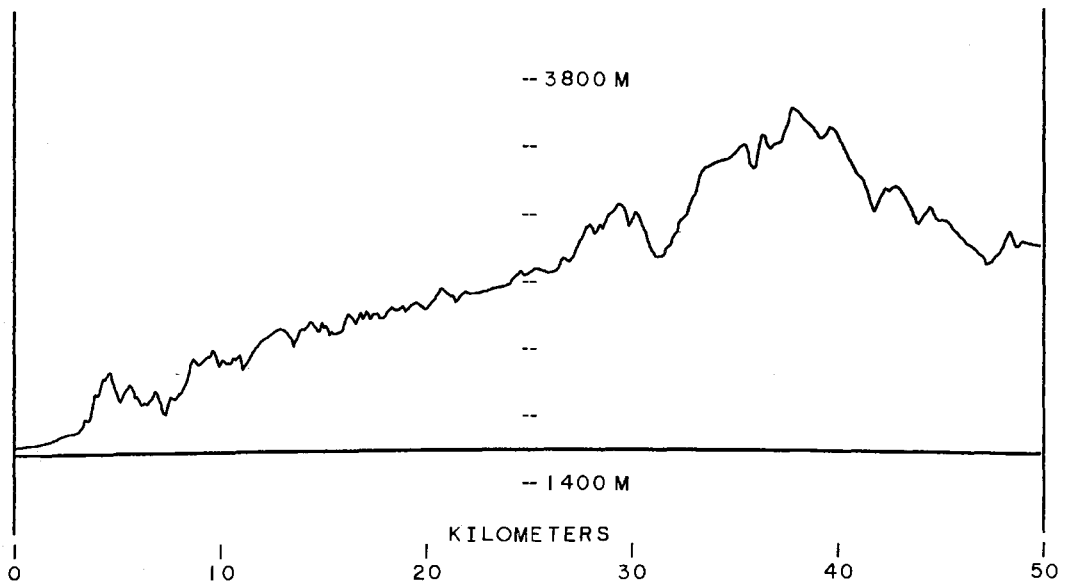
SITE IS JUST OFF THE ROAD ON CURVE. HORIZON IS MOUNTAIN JUST TO THE NORTH OF BERTHOUD PASS, SMI AWAY. SNOW COVER ON TOP, 50FT PINES ACROSS ROAD ON PATH.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50,100,V,V, P,3)	30.1	-143.4	7.6	-0.5	0.9	0.9	184.9	78.4
(MNTS, 50,100,V,V, P,6)	30.1	-143.4	7.6	-1.4	0.9	0.9	184.0	77.5
(MNTS, 50,100,V,V, P,9)	30.1	-143.4	7.6	-2.0	0.9	0.9	183.4	76.9
(MNTS, 50,100,V,V,AV,3)	30.1	-143.4	7.6	-0.5	0.9	0.9	184.9	78.4
(MNTS, 50,100,V,V,AV,6)	30.1	-143.4	7.6	-1.4	0.9	0.9	184.0	77.5
(MNTS, 50,100,V,V,AV,9)	30.1	-143.4	7.6	-2.0	0.9	0.9	183.4	76.9
(MNTS, 50,100,V,V,AH,3)	30.1	-143.4	7.6	-0.5	0.9	0.9	184.9	78.4
(MNTS, 50,100,V,V,AH,6)	30.1	-143.4	7.6	-1.4	0.9	0.9	184.0	77.5
(MNTS, 50,100,V,V,AH,9)	30.1	-143.4	7.6	-2.0	0.9	0.9	183.4	76.9
(MNTS, 50,100,H,V, P,3)	30.1	-145.9	9.6	-15.1	0.9	0.9	174.8	68.3
(MNTS, 50,100,H,V, P,6)	30.1	-145.9	9.6	-12.8	0.9	0.9	177.1	70.6
(MNTS, 50,100,H,V, P,9)	30.1	-145.9	9.6	-15.1	0.9	0.9	174.8	68.3
(MNTS, 50,100,H,V,AV,3)	30.1	-145.9	9.6	-15.1	0.9	0.9	174.8	68.3
(MNTS, 50,100,H,V,AV,6)	30.1	-145.9	9.6	-12.8	0.9	0.9	177.1	70.6
(MNTS, 50,100,H,V,AV,9)	30.1	-145.9	9.6	-15.1	0.9	0.9	174.8	68.3
(MNTS, 50,100,H,V,AH,3)	30.1	-145.9	9.6	-15.1	0.9	0.9	174.8	68.3
(MNTS, 50,100,H,V,AH,6)	30.1	-145.9	9.6	-12.8	0.9	0.9	177.1	70.6
(MNTS, 50,100,H,V,AH,9)	30.1	-145.9	9.6	-15.1	0.9	0.9	174.8	68.3
(MNTS, 50,100,V,H, P,3)	30.1	-137.4	7.6	-21.3	0.9	0.9	158.2	51.7
(MNTS, 50,100,V,H, P,6)	30.1	**	7.6	-18.8	0.9	0.9	**	**
(MNTS, 50,100,V,H, P,9)	30.1	**	7.6	-16.2	0.9	0.9	**	**
(MNTS, 50,100,V,H,AV,3)	30.1	-137.4	7.6	-21.3	0.9	0.9	158.2	51.7
(MNTS, 50,100,V,H,AV,6)	30.1	**	7.6	-18.8	0.9	0.9	**	**
(MNTS, 50,100,V,H,AV,9)	30.1	**	7.6	-16.2	0.9	0.9	**	**
(MNTS, 50,100,V,H,AH,3)	30.1	-137.4	7.6	-21.3	0.9	0.9	158.2	51.7
(MNTS, 50,100,V,H,AH,6)	30.1	**	7.6	-18.8	0.9	0.9	**	**
(MNTS, 50,100,V,H,AH,9)	30.1	**	7.6	-16.2	0.9	0.9	**	**
(MNTS, 50,100,H,H, P,3)	30.1	-141.3	9.6	-1.6	0.9	0.9	183.7	77.2
(MNTS, 50,100,H,H, P,6)	30.1	-141.3	9.6	1.6	0.9	0.9	186.9	80.4
(MNTS, 50,100,H,H, P,9)	30.1	-141.3	9.6	1.1	0.9	0.9	186.4	79.9
(MNTS, 50,100,H,H,AV,3)	30.1	-141.3	9.6	-1.6	0.9	0.9	183.7	77.2
(MNTS, 50,100,H,H,AV,6)	30.1	-141.3	9.6	1.6	0.9	0.9	186.9	80.4
(MNTS, 50,100,H,H,AV,9)	30.1	-141.3	9.6	1.1	0.9	0.9	186.4	79.9
(MNTS, 50,100,H,H,AH,3)	30.1	-141.3	9.6	-1.6	0.9	0.9	183.7	77.2
(MNTS, 50,100,H,H,AH,6)	30.1	-141.3	9.6	1.6	0.9	0.9	186.9	80.4
(MNTS, 50,100,H,H,AH,9)	30.1	-141.3	9.6	1.1	0.9	0.9	186.4	79.9
(KLIR, 62,100,H,H, P,3)	42.2	**		-1.7		0.9	**	**
(KLIR, 62,100,H,H, P,6)	42.2	**		1.4		0.9	**	**
(KLIR, 62,100,H,H, P,9)	42.2	**		1.0		0.9	**	**
(KLIR, 62,100,H,H,AV,3)	42.2	**		-1.7		0.9	**	**
(KLIR, 62,100,H,H,AV,6)	42.2	**		1.4		0.9	**	**
(KLIR, 62,100,H,H,AV,9)	42.2	**		1.0		0.9	**	**
(KLIR, 62,100,H,H,AH,3)	42.2	**		-1.7		0.9	**	**
(KLIR, 62,100,H,H,AH,6)	42.2	**		1.4		0.9	**	**
(KLIR, 62,100,H,H,AH,9)	42.2	**		1.0		0.9	**	**

** SIGNAL TOO LOW TO BE MEASURED

COLORADO MOUNTAINS B= 50KM SITE 59

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO MOUNTAINS R= 50KM SITE 59

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

	BAROMETRIC	CLOUD	COVER	ASSMAN	
DATE	PRESSURE	TYPE	PERCENT	WET	DRY
09-16-64	21.50	H1,L1	90%	43.9	49.0

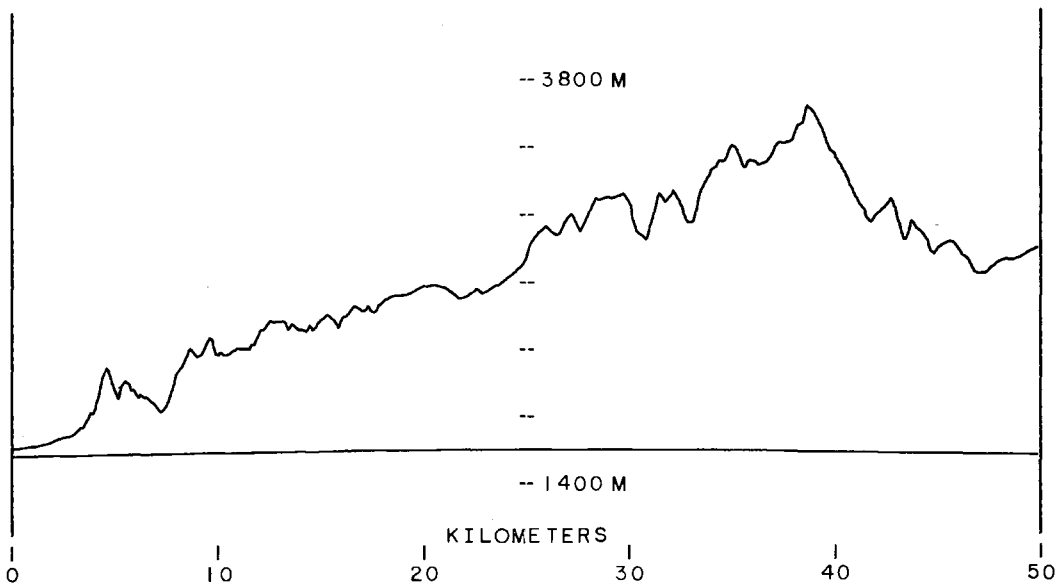
SITE IS ON MOUNTAIN SIDE. TREES AND BRUSH COVER THE ROAD SIDE.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50,100,V,V, P,3)	30.1	-140.1	7.6	0.8	0.9	0.9	182.9	76.4
(MNTS, 50,100,V,V, P,6)	30.1	-140.1	7.6	-0.4	0.9	0.9	181.7	75.2
(MNTS, 50,100,V,V, P,9)	30.1	-135.4	7.6	-1.2	0.9	0.9	176.3	69.7
(MNTS, 50,100,V,V,AV,3)	30.1	-140.1	7.6	0.8	0.9	0.9	182.9	76.4
(MNTS, 50,100,V,V,AV,6)	30.1	-140.1	7.6	-0.4	0.9	0.9	181.7	75.2
(MNTS, 50,100,V,V,AV,9)	30.1	-135.4	7.6	-1.2	0.9	0.9	176.3	69.7
(MNTS, 50,100,V,V,AH,3)	30.1	-140.1	7.6	0.8	0.9	0.9	182.9	76.4
(MNTS, 50,100,V,V,AH,6)	30.1	-140.1	7.6	-0.4	0.9	0.9	181.7	75.2
(MNTS, 50,100,V,V,AH,9)	30.1	-135.4	7.6	-1.2	0.9	0.9	176.3	69.7
(MNTS, 50,100,H,V, P,3)	30.1	-149.0	9.6	-16.5	0.9	0.9	176.6	70.1
(MNTS, 50,100,H,V, P,6)	30.1	-149.0	9.6	-14.9	0.9	0.9	178.2	71.7
(MNTS, 50,100,H,V, P,9)	30.1	-149.0	9.6	-18.0	0.9	0.9	175.1	68.6
(MNTS, 50,100,H,V,AV,3)	30.1	-149.0	9.6	-16.5	0.9	0.9	176.6	70.1
(MNTS, 50,100,H,V,AV,6)	30.1	-149.0	9.6	-14.9	0.9	0.9	178.2	71.7
(MNTS, 50,100,H,V,AV,9)	30.1	-149.0	9.6	-18.0	0.9	0.9	175.1	68.6
(MNTS, 50,100,H,V,AH,3)	30.1	-149.0	9.6	-16.5	0.9	0.9	176.6	70.1
(MNTS, 50,100,H,V,AH,6)	30.1	-149.0	9.6	-14.9	0.9	0.9	178.2	71.7
(MNTS, 50,100,H,V,AH,9)	30.1	-149.0	9.6	-18.0	0.9	0.9	175.1	68.6
(MNTS, 50,100,V,H, P,3)	30.1	**	7.6	-20.4	0.9	0.9	**	**
(MNTS, 50,100,V,H, P,6)	30.1	**	7.6	-15.4	0.9	0.9	**	**
(MNTS, 50,100,V,H, P,9)	30.1	**	7.6	-16.4	0.9	0.9	**	**
(MNTS, 50,100,V,H,AV,3)	30.1	**	7.6	-20.4	0.9	0.9	**	**
(MNTS, 50,100,V,H,AV,6)	30.1	**	7.6	-15.4	0.9	0.9	**	**
(MNTS, 50,100,V,H,AV,9)	30.1	**	7.6	-16.4	0.9	0.9	**	**
(MNTS, 50,100,V,H,AH,3)	30.1	**	7.6	-20.4	0.9	0.9	**	**
(MNTS, 50,100,V,H,AH,6)	30.1	**	7.6	-15.4	0.9	0.9	**	**
(MNTS, 50,100,V,H,AH,9)	30.1	**	7.6	-16.4	0.9	0.9	**	**
(MNTS, 50,100,H,H, P,3)	30.1	**	9.6	0.1	0.9	0.9	**	**
(MNTS, 50,100,H,H, P,6)	30.1	**	9.6	1.6	0.9	0.9	**	**
(MNTS, 50,100,H,H, P,9)	30.1	**	9.6	1.3	0.9	0.9	**	**
(MNTS, 50,100,H,H,AV,3)	30.1	**	9.6	0.1	0.9	0.9	**	**
(MNTS, 50,100,H,H,AV,6)	30.1	**	9.6	1.6	0.9	0.9	**	**
(MNTS, 50,100,H,H,AV,9)	30.1	**	9.6	1.3	0.9	0.9	**	**
(MNTS, 50,100,H,H,AH,3)	30.1	**	9.6	0.1	0.9	0.9	**	**
(MNTS, 50,100,H,H,AH,6)	30.1	**	9.6	1.6	0.9	0.9	**	**
(MNTS, 50,100,H,H,AH,9)	30.1	**	9.6	1.3	0.9	0.9	**	**
(KLIR, 67,100,H,H, P,3)	42.2	-131.2		1.5		0.9	180.1	71.2
(KLIR, 67,100,H,H, P,6)	42.2	-126.6		1.4		0.9	175.4	66.5
(KLIR, 67,100,H,H, P,9)	42.2	-129.0		1.3		0.9	177.7	68.8
(KLIR, 67,100,H,H,AV,3)	42.2	-131.2		1.5		0.9	180.1	71.2
(KLIR, 67,100,H,H,AV,6)	42.2	-126.6		1.4		0.9	175.4	66.5
(KLIR, 67,100,H,H,AV,9)	42.2	-129.0		1.3		0.9	177.7	68.8
(KLIR, 67,100,H,H,AH,3)	42.2	-131.2		1.5		0.9	180.1	71.2
(KLIR, 67,100,H,H,AH,6)	42.2	-126.6		1.4		0.9	175.4	66.5
(KLIR, 67,100,H,H,AH,9)	42.2	-129.0		1.3		0.9	177.7	68.8

** SIGNAL TOO LOW TO BE MEASURED

COLORADO MOUNTAINS B= 50KM SITE 60

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO MOUNTAINS B= 50KM SITE 60

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-23-64	21.51	CLEAR	0%	46.0	59.5

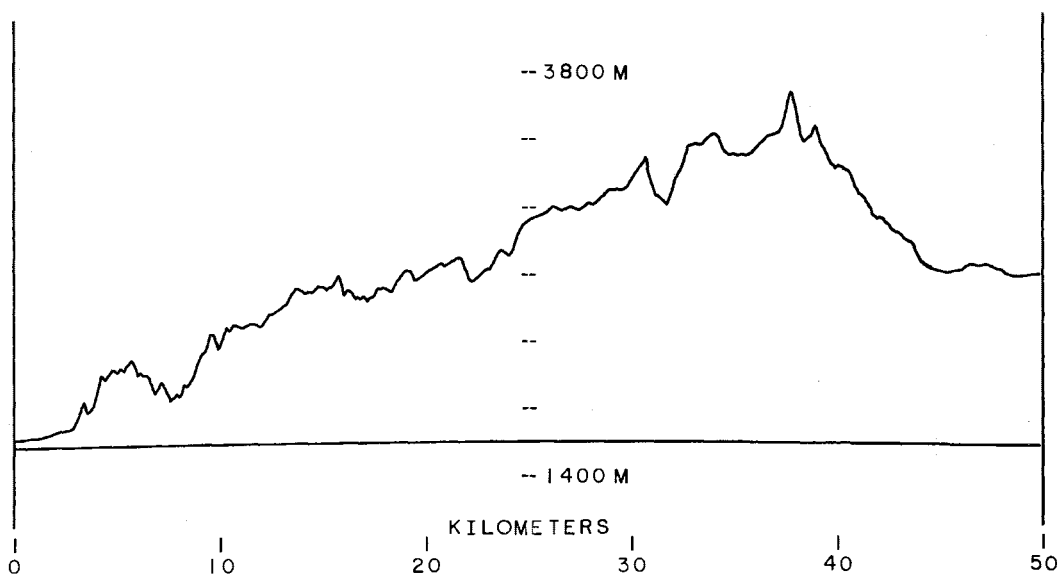
VERY DENSE FOREST, VISIBILITY 100FT. 50 TO 60FT PINES WITH 9FT WIND-ING ROAD.

(T.B.F,P(T),P(R).L.H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50,100,V,V, P,3)	30.1	-144.5	7.6	0.1	0.9	0.9	186.7	80.2
(MNTS, 50,100,V,V, P,6)	30.1	-140.5	7.6	-1.2	0.9	0.9	181.3	74.8
(MNTS, 50,100,V,V, P,9)	30.1	-140.5	7.6	-1.7	0.9	0.9	180.8	74.3
(MNTS, 50,100,V,V,AV,3)	30.1	-144.5	7.6	0.1	0.9	0.9	186.7	80.2
(MNTS, 50,100,V,V,AV,6)	30.1	-140.5	7.6	-1.2	0.9	0.9	181.3	74.8
(MNTS, 50,100,V,V,AV,9)	30.1	-140.5	7.6	-1.7	0.9	0.9	180.8	74.3
(MNTS, 50,100,V,V,AH,3)	30.1	-144.5	7.6	0.1	0.9	0.9	186.7	80.2
(MNTS, 50,100,V,V,AH,6)	30.1	-140.5	7.6	-1.2	0.9	0.9	181.3	74.8
(MNTS, 50,100,V,V,AH,9)	30.1	-140.5	7.6	-1.7	0.9	0.9	180.8	74.3
(MNTS, 50,100,H,V, P,3)	30.1	-143.4	9.6	-21.5	0.9	0.9	165.9	59.4
(MNTS, 50,100,H,V, P,6)	30.1	-143.4	9.6	-17.0	0.9	0.9	170.4	63.9
(MNTS, 50,100,H,V, P,9)	30.1	-143.4	9.6	-21.0	0.9	0.9	166.4	59.9
(MNTS, 50,100,H,V,AV,3)	30.1	-143.4	9.6	-21.5	0.9	0.9	165.9	59.4
(MNTS, 50,100,H,V,AV,6)	30.1	-143.4	9.6	-17.0	0.9	0.9	170.4	63.9
(MNTS, 50,100,H,V,AV,9)	30.1	-143.4	9.6	-21.0	0.9	0.9	166.4	59.9
(MNTS, 50,100,H,V,AH,3)	30.1	-143.4	9.6	-21.5	0.9	0.9	165.9	59.4
(MNTS, 50,100,H,V,AH,6)	30.1	-143.4	9.6	-17.0	0.9	0.9	170.4	63.9
(MNTS, 50,100,H,V,AH,9)	30.1	-143.4	9.6	-21.0	0.9	0.9	166.4	59.9
(MNTS, 50,100,V,H, P,3)	30.1	-140.3	7.6	-17.2	0.9	0.9	165.2	58.7
(MNTS, 50,100,V,H, P,6)	30.1	-140.3	7.6	-15.5	0.9	0.9	166.9	60.4
(MNTS, 50,100,V,H, P,9)	30.1	-140.3	7.6	-15.9	0.9	0.9	166.5	60.0
(MNTS, 50,100,V,H,AV,3)	30.1	-140.3	7.6	-17.2	0.9	0.9	165.2	58.7
(MNTS, 50,100,V,H,AV,6)	30.1	-140.3	7.6	-15.5	0.9	0.9	166.9	60.4
(MNTS, 50,100,V,H,AV,9)	30.1	-140.3	7.6	-15.9	0.9	0.9	166.5	60.0
(MNTS, 50,100,V,H,AH,3)	30.1	-140.3	7.6	-17.2	0.9	0.9	165.2	58.7
(MNTS, 50,100,V,H,AH,6)	30.1	-140.3	7.6	-15.5	0.9	0.9	166.9	60.4
(MNTS, 50,100,V,H,AH,9)	30.1	-140.3	7.6	-15.9	0.9	0.9	166.5	60.0
(MNTS, 50,100,H,H, P,3)	30.1	-149.8	9.6	1.5	0.9	0.9	195.3	88.8
(MNTS, 50,100,H,H, P,6)	30.1	-149.8	9.6	1.4	0.9	0.9	195.2	88.7
(MNTS, 50,100,H,H, P,9)	30.1	-142.5	9.6	1.2	0.9	0.9	187.8	81.2
(MNTS, 50,100,H,H,AV,3)	30.1	-149.8	9.6	1.5	0.9	0.9	195.3	88.8
(MNTS, 50,100,H,H,AV,6)	30.1	-149.8	9.6	1.4	0.9	0.9	195.2	88.7
(MNTS, 50,100,H,H,AV,9)	30.1	-142.5	9.6	1.2	0.9	0.9	187.8	81.2
(MNTS, 50,100,H,H,AH,3)	30.1	-149.8	9.6	1.5	0.9	0.9	195.3	88.8
(MNTS, 50,100,H,H,AH,6)	30.1	-149.8	9.6	1.4	0.9	0.9	195.2	88.7
(MNTS, 50,100,H,H,AH,9)	30.1	-142.5	9.6	1.2	0.9	0.9	187.8	81.2
(KLIR, 67,100,H,H, P,3)	42.2	-133.5		1.1		0.9	182.0	73.0
(KLIR, 67,100,H,H, P,6)	42.2	-127.5		1.6		0.9	176.5	67.4
(KLIR, 67,100,H,H, P,9)	42.2	-123.0		1.2		0.9	171.6	62.6
(KLIR, 67,100,H,H,AV,3)	42.2	-133.5		1.1		0.9	182.0	73.0
(KLIR, 67,100,H,H,AV,6)	42.2	-127.5		1.6		0.9	176.5	67.4
(KLIR, 67,100,H,H,AV,9)	42.2	-123.0		1.2		0.9	171.6	62.6
(KLIR, 67,100,H,H,AH,3)	42.2	-133.5		1.1		0.9	182.0	73.0
(KLIR, 67,100,H,H,AH,6)	42.2	-127.5		1.6		0.9	176.5	67.4
(KLIR, 67,100,H,H,AH,9)	42.2	-123.0		1.2		0.9	171.6	62.6

COLORADO MOUNTAINS B= 50KM SITE 61

DATE 12-01-64

	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(T,B,F,P(T),P(R),L,H)	24.0	-120.5	-2.3	-3.6	0.1	-0.0	138.5	46.1
(MNTS, 50, 20,V,V, P,3)	24.0	-120.5	-2.3	-3.6	0.1	-0.0	138.5	46.1
(MNTS, 50, 20,V,V,AV,3)	24.0	-120.5	-2.3	-3.6	0.1	-0.0	138.5	46.1
(MNTS, 50, 20,V,V,AH,3)	24.0	-120.5	-2.3	-3.6	0.1	-0.0	138.5	46.1
(MNTS, 50, 50,V,V, P,1)	24.0	-151.0	-2.2	-3.0	1.2	0.2	168.4	67.9
(MNTS, 50, 50,V,V, P,3)	24.0	-145.8	-2.2	-1.7	1.2	0.2	164.5	64.0
(MNTS, 50, 50,V,V,AV,1)	24.0	-151.0	-2.2	-3.0	1.2	0.2	168.4	67.9
(MNTS, 50, 50,V,V,AV,3)	24.0	-145.8	-2.2	-1.7	1.2	0.2	164.5	64.0
(MNTS, 50, 50,V,V,AH,1)	24.0	-151.0	-2.2	-3.0	1.2	0.2	168.4	67.9
(MNTS, 50, 50,V,V,AH,3)	24.0	-145.8	-2.2	-1.7	1.2	0.2	164.5	64.0



COLORADO MOUNTAINS R= 50KM SITE 61

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-15-64	21.89	H1,L1	98%	45.5	56.5

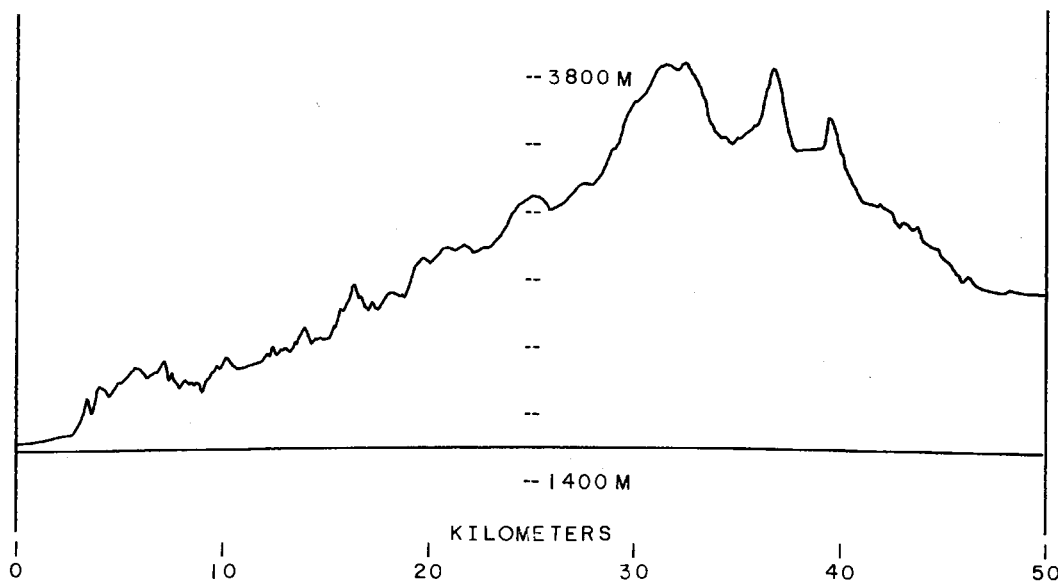
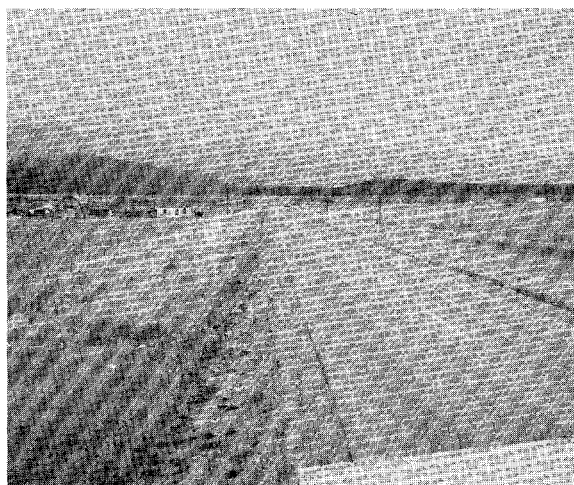
SITE IS IN A LAKE TO RANCH WITH 40FT PINES ON BOTH SIDES. DIVIDE 6MI AWAY WITH 13000FT PEAKS.

(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, 50,100,V,V, P,3)	30.1	-135.8	7.6	1.2	0.9	0.9	179.0	72.5
(MNTS, 50,100,V,V, P,6)	30.1	-135.8	7.6	-1.0	0.9	0.9	176.8	70.3
(MNTS, 50,100,V,V, P,9)	30.1	-135.8	7.6	-1.4	0.9	0.9	176.4	69.9
(MNTS, 50,100,V,V,AV,3)	30.1	-135.8	7.6	1.2	0.9	0.9	179.0	72.5
(MNTS, 50,100,V,V,AV,6)	30.1	-135.8	7.6	-1.0	0.9	0.9	176.8	70.3
(MNTS, 50,100,V,V,AV,9)	30.1	-135.8	7.6	-1.4	0.9	0.9	176.4	69.9
(MNTS, 50,100,V,V,AH,3)	30.1	-135.8	7.6	1.2	0.9	0.9	179.0	72.5
(MNTS, 50,100,V,V,AH,6)	30.1	-135.8	7.6	-1.0	0.9	0.9	176.8	70.3
(MNTS, 50,100,V,V,AH,9)	30.1	-135.8	7.6	-1.4	0.9	0.9	176.4	69.9
(MNTS, 50,100,H,V, P,3)	30.1	-137.9	9.6	-14.9	0.9	0.9	167.1	60.5
(MNTS, 50,100,H,V, P,6)	30.1	-137.9	9.6	-12.5	0.9	0.9	169.5	62.9
(MNTS, 50,100,H,V, P,9)	30.1	-137.9	9.6	-14.9	0.9	0.9	167.1	60.5
(MNTS, 50,100,H,V,AV,3)	30.1	-137.9	9.6	-14.9	0.9	0.9	167.1	60.5
(MNTS, 50,100,H,V,AV,6)	30.1	-137.9	9.6	-12.5	0.9	0.9	169.5	62.9
(MNTS, 50,100,H,V,AV,9)	30.1	-137.9	9.6	-14.9	0.9	0.9	167.1	60.5
(MNTS, 50,100,H,V,AH,3)	30.1	-137.9	9.6	-14.9	0.9	0.9	167.1	60.5
(MNTS, 50,100,H,V,AH,6)	30.1	-137.9	9.6	-12.5	0.9	0.9	169.5	62.9
(MNTS, 50,100,H,V,AH,9)	30.1	-137.9	9.6	-14.9	0.9	0.9	167.1	60.5
(MNTS, 50,100,V,H, P,3)	30.1	-148.7	7.6	-19.9	0.9	0.9	170.8	64.3
(MNTS, 50,100,V,H, P,6)	30.1	-137.9	7.6	-20.5	0.9	0.9	159.5	52.9
(MNTS, 50,100,V,H, P,9)	30.1	-137.9	7.6	-17.4	0.9	0.9	162.6	56.0
(MNTS, 50,100,V,H,AV,3)	30.1	-148.7	7.6	-19.9	0.9	0.9	170.8	64.3
(MNTS, 50,100,V,H,AV,6)	30.1	-137.9	7.6	-20.5	0.9	0.9	159.5	52.9
(MNTS, 50,100,V,H,AV,9)	30.1	-137.9	7.6	-17.4	0.9	0.9	162.6	56.0
(MNTS, 50,100,V,H,AH,3)	30.1	-148.7	7.6	-19.9	0.9	0.9	170.8	64.3
(MNTS, 50,100,V,H,AH,6)	30.1	-137.9	7.6	-20.5	0.9	0.9	159.5	52.9
(MNTS, 50,100,V,H,AH,9)	30.1	-137.9	7.6	-17.4	0.9	0.9	162.6	56.0
(MNTS, 50,100,H,H, P,3)	30.1	-137.9	9.6	-2.0	0.9	0.9	180.0	73.4
(MNTS, 50,100,H,H, P,6)	30.1	-132.1	9.6	1.6	0.9	0.9	177.8	71.3
(MNTS, 50,100,H,H, P,9)	30.1	-132.1	9.6	1.1	0.9	0.9	177.3	70.8
(MNTS, 50,100,H,H,AV,3)	30.1	-137.9	9.6	-2.0	0.9	0.9	180.0	73.4
(MNTS, 50,100,H,H,AV,6)	30.1	-132.1	9.6	1.6	0.9	0.9	177.8	71.3
(MNTS, 50,100,H,H,AV,9)	30.1	-132.1	9.6	1.1	0.9	0.9	177.3	70.8
(MNTS, 50,100,H,H,AH,3)	30.1	-137.9	9.6	-2.0	0.9	0.9	180.0	73.4
(MNTS, 50,100,H,H,AH,6)	30.1	-132.1	9.6	1.6	0.9	0.9	177.8	71.3
(MNTS, 50,100,H,H,AH,9)	30.1	-132.1	9.6	1.1	0.9	0.9	177.3	70.8
(KLIR, 71,100,H,H, P,3)	42.2	-120.2		-1.6		0.9	166.0	56.6
(KLIR, 71,100,H,H, P,6)	42.2	-114.7		1.4		0.9	163.5	54.1
(KLIR, 71,100,H,H, P,9)	42.2	-112.9		1.0		0.9	161.3	51.9
(KLIR, 71,100,H,H,AV,3)	42.2	-120.2		-1.6		0.9	166.0	56.6
(KLIR, 71,100,H,H,AV,6)	42.2	-114.7		1.4		0.9	163.5	54.1
(KLIR, 71,100,H,H,AV,9)	42.2	-112.9		1.0		0.9	161.3	51.9
(KLIR, 71,100,H,H,AH,3)	42.2	-120.2		-1.6		0.9	166.0	56.6
(KLIR, 71,100,H,H,AH,6)	42.2	-114.7		1.4		0.9	163.5	54.1
(KLIR, 71,100,H,H,AH,9)	42.2	-112.9		1.0		0.9	161.3	51.9

COLORADO MOUNTAINS B= 50KM SITE 62

DATE 12-01-64

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50, 20,V,V, P,3)	24.0	-128.0	-2.2	-1.9	0.1	-0.0	147.8	55.4
(MNTS, 50, 20,V,V,AV,3)	24.0	-128.0	-2.2	-1.9	0.1	-0.0	147.8	55.4
(MNTS, 50, 20,V,V,AH,3)	24.0	-129.5	-2.2	-1.9	0.1	-0.0	149.3	56.9
(MNTS, 50, 50,V,V, P,1)	24.0	-152.8	-2.2	5.7	1.2	0.2	178.9	78.4
(MNTS, 50, 50,V,V, P,3)	24.0	-149.9	-2.2	-0.9	1.2	0.2	169.4	68.9
(MNTS, 50, 50,V,V,AV,1)	24.0	-152.8	-2.2	5.7	1.2	0.2	178.9	78.4
(MNTS, 50, 50,V,V,AV,3)	24.0	-149.9	-2.2	-0.9	1.2	0.2	169.4	68.9
(MNTS, 50, 50,V,V,AH,1)	24.0	-151.3	-2.2	5.7	1.2	0.2	177.4	76.9
(MNTS, 50, 50,V,V,AH,3)	24.0	-148.3	-2.2	-0.9	1.2	0.2	167.8	67.3



COLORADO MOUNTAINS R= 50KM SITE 62

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

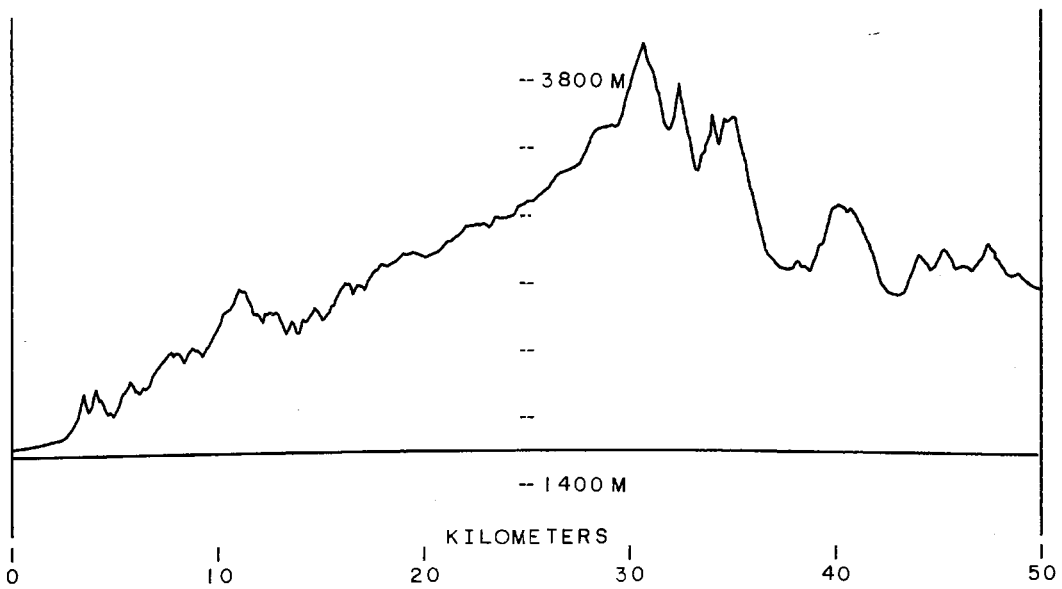
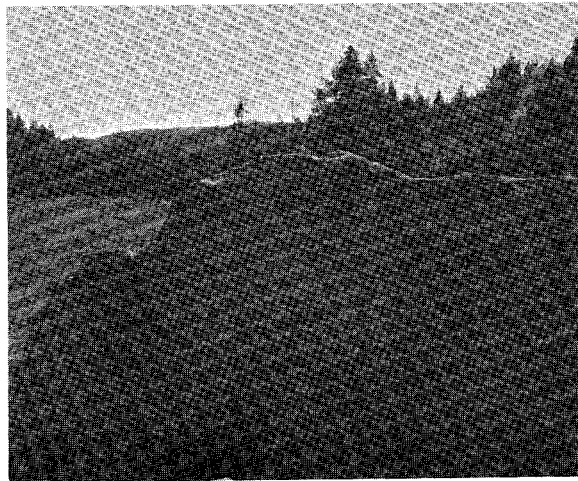
DATE	BAROMETRIC PRESSURE	CLOUD TYPE	COVER PERCENT	ASSMAN WET	ASSMAN DRY
09-15-64	22.11	H1,L1	95%	45.5	67.0

HORIZON 13000FT MOUNTAIN ABOUT 6MI ON PATH. SMALL LOW BUILDINGS IN FORE GROUND 100YDS.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(R)	A
(MNTS, 50,100,V,V, P,3)	30.1	-135.6	7.6	-3.2	0.9	0.9	174.4	67.9
(MNTS, 50,100,V,V, P,6)	30.1	-137.6	7.6	-2.1	0.9	0.9	177.6	71.1
(MNTS, 50,100,V,V, P,9)	30.1	-137.6	7.6	-2.2	0.9	0.9	177.5	71.0
(MNTS, 50,100,V,V,AV,3)	30.1	-135.6	7.6	-3.2	0.9	0.9	174.4	67.9
(MNTS, 50,100,V,V,AV,6)	30.1	-137.6	7.6	-2.1	0.9	0.9	177.6	71.1
(MNTS, 50,100,V,V,AV,9)	30.1	-137.6	7.6	-2.2	0.9	0.9	177.5	71.0
(MNTS, 50,100,V,V,AH,3)	30.1	-133.5	7.6	-3.2	0.9	0.9	172.3	65.8
(MNTS, 50,100,V,V,AH,6)	30.1	-133.5	7.6	-2.1	0.9	0.9	173.4	66.9
(MNTS, 50,100,V,V,AH,9)	30.1	-133.5	7.6	-2.2	0.9	0.9	173.3	66.8
(MNTS, 50,100,H,V, P,3)	30.1	-145.6	9.6	-19.0	0.9	0.9	170.7	64.2
(MNTS, 50,100,H,V, P,6)	30.1	-145.6	9.6	-18.0	0.9	0.9	171.7	65.2
(MNTS, 50,100,H,V, P,9)	30.1	-145.6	9.6	-18.0	0.9	0.9	171.7	65.2
(MNTS, 50,100,H,V,AV,3)	30.1	-145.6	9.6	-19.0	0.9	0.9	170.7	64.2
(MNTS, 50,100,H,V,AV,6)	30.1	-145.6	9.6	-18.0	0.9	0.9	171.7	65.2
(MNTS, 50,100,H,V,AV,9)	30.1	-145.6	9.6	-18.0	0.9	0.9	171.7	65.2
(MNTS, 50,100,H,V,AH,3)	30.1	-145.9	9.6	-19.0	0.9	0.9	170.9	64.4
(MNTS, 50,100,H,V,AH,6)	30.1	-145.9	9.6	-18.0	0.9	0.9	171.9	65.4
(MNTS, 50,100,H,V,AH,9)	30.1	-145.9	9.6	-18.0	0.9	0.9	171.9	65.4
(MNTS, 50,100,V,H, P,3)	30.1	-143.0	7.6	-19.5	0.9	0.9	165.6	59.0
(MNTS, 50,100,V,H, P,6)	30.1	-143.0	7.6	-15.3	0.9	0.9	169.8	63.2
(MNTS, 50,100,V,H, P,9)	30.1	-143.0	7.6	-15.7	0.9	0.9	169.4	62.8
(MNTS, 50,100,V,H,AV,3)	30.1	-143.0	7.6	-19.5	0.9	0.9	165.6	59.0
(MNTS, 50,100,V,H,AV,6)	30.1	-143.0	7.6	-15.3	0.9	0.9	169.8	63.2
(MNTS, 50,100,V,H,AV,9)	30.1	-143.0	7.6	-15.7	0.9	0.9	169.4	62.8
(MNTS, 50,100,V,H,AH,3)	30.1	-145.0	7.6	-19.5	0.9	0.9	167.5	61.0
(MNTS, 50,100,V,H,AH,6)	30.1	-145.0	7.6	-15.3	0.9	0.9	171.7	65.2
(MNTS, 50,100,V,H,AH,9)	30.1	-145.0	7.6	-15.7	0.9	0.9	171.3	64.8
(MNTS, 50,100,H,H, P,3)	30.1	-132.4	9.6	-0.4	0.9	0.9	176.0	69.5
(MNTS, 50,100,H,H, P,6)	30.1	-130.2	9.6	1.5	0.9	0.9	175.7	69.2
(MNTS, 50,100,H,H, P,9)	30.1	-130.2	9.6	1.0	0.9	0.9	175.2	68.7
(MNTS, 50,100,H,H,AV,3)	30.1	-132.4	9.6	-0.4	0.9	0.9	176.0	69.5
(MNTS, 50,100,H,H,AV,6)	30.1	-130.2	9.6	1.5	0.9	0.9	175.7	69.2
(MNTS, 50,100,H,H,AV,9)	30.1	-130.2	9.6	1.0	0.9	0.9	175.2	68.7
(MNTS, 50,100,H,H,AH,3)	30.1	-131.2	9.6	-0.4	0.9	0.9	174.8	68.3
(MNTS, 50,100,H,H,AH,6)	30.1	-127.5	9.6	1.5	0.9	0.9	173.0	66.5
(MNTS, 50,100,H,H,AH,9)	30.1	-128.4	9.6	1.0	0.9	0.9	173.4	66.9
(KLIR, 67,100,H,H, P,3)	42.2	-130.6		-1.3		0.9	176.7	67.7
(KLIR, 67,100,H,H, P,6)	42.2	-122.0		1.6		0.9	171.0	62.0
(KLIR, 67,100,H,H, P,9)	42.2	-118.5		1.1		0.9	167.0	58.0
(KLIR, 67,100,H,H,AV,3)	42.2	-130.6		-1.3		0.9	176.7	67.7
(KLIR, 67,100,H,H,AV,6)	42.2	-122.0		1.6		0.9	171.0	62.0
(KLIR, 67,100,H,H,AV,9)	42.2	-118.5		1.1		0.9	167.0	58.0
(KLIR, 67,100,H,H,AH,3)	42.2	-136.6		-1.3		0.9	182.7	73.7
(KLIR, 67,100,H,H,AH,6)	42.2	-129.8		1.6		0.9	178.8	69.8
(KLIR, 67,100,H,H,AH,9)	42.2	-136.6		1.1		0.9	185.1	76.1

COLORADO MOUNTAINS B = 50KM SITE 63

NO MEASUREMENTS MADE ON 20 AND 50 MHZ



COLORADO MOUNTAINS B= 50KM SITE 63

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-24-64	22.31	CLEAR	0%	39.8	48.9

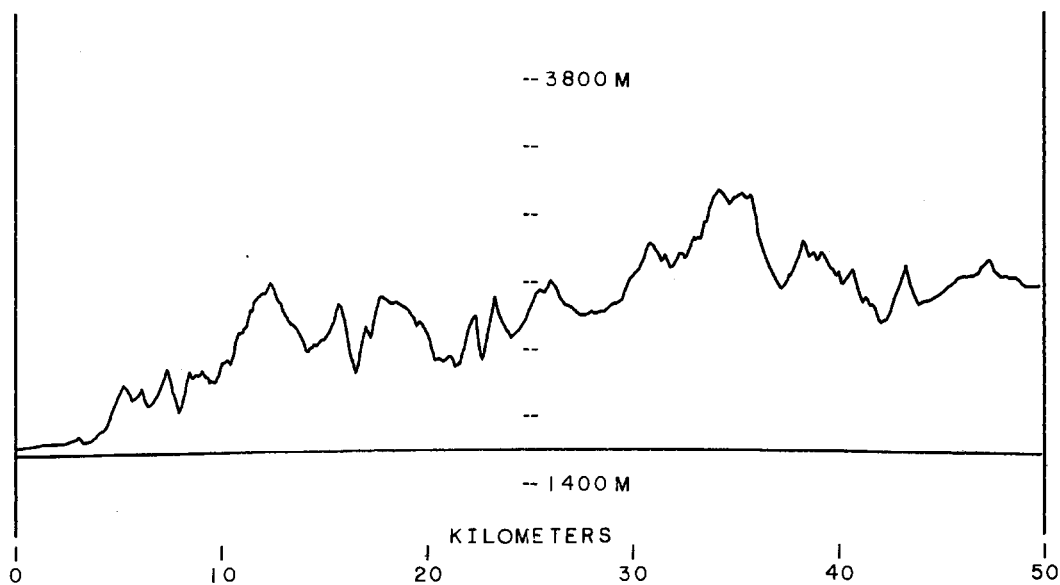
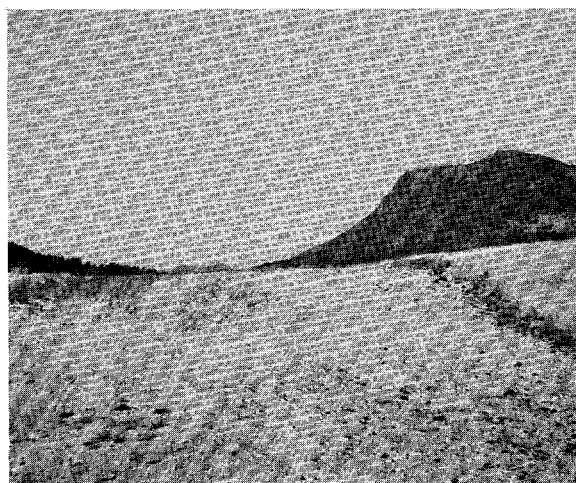
HORIZON 3MI. SITE IS IN A VALLEY EXTENDING 400YDS ON PATH. 2-WIRE POWER LINE 100YDS NORTH OF SITE. LARGE ROCK 20FT HIGH, 40FT LONG ON PATH, 30FT FROM TRUCK.

(T,B,F,P(T),P(R),L,H)	W(T)	W(R)	G(T)	G(R)	L(T)	L(R)	L(B)	A
(MNTS, 50,100,V,V, P,3)	30.1	-135.6	7.6	-3.1	0.9	0.9	174.5	68.0
(MNTS, 50,100,V,V, P,6)	30.1	-139.6	7.6	-2.0	0.9	0.9	179.7	73.1
(MNTS, 50,100,V,V, P,9)	30.1	-135.6	7.6	-2.2	0.9	0.9	175.4	68.9
(MNTS, 50,100,V,V,AV,3)	30.1	-135.6	7.6	-3.1	0.9	0.9	174.5	68.0
(MNTS, 50,100,V,V,AV,6)	30.1	-139.6	7.6	-2.0	0.9	0.9	179.7	73.1
(MNTS, 50,100,V,V,AV,9)	30.1	-135.6	7.6	-2.2	0.9	0.9	175.4	68.9
(MNTS, 50,100,V,V,AH,3)	30.1	-135.6	7.6	-3.1	0.9	0.9	174.5	68.0
(MNTS, 50,100,V,V,AH,6)	30.1	-139.6	7.6	-2.0	0.9	0.9	179.7	73.1
(MNTS, 50,100,V,V,AH,9)	30.1	-135.6	7.6	-2.2	0.9	0.9	175.4	68.9
(MNTS, 50,100,H,V, P,3)	30.1	-137.4	9.6	-18.5	0.9	0.9	163.0	56.5
(MNTS, 50,100,H,V, P,6)	30.1	-138.6	9.6	-17.7	0.9	0.9	165.0	58.4
(MNTS, 50,100,H,V, P,9)	30.1	-138.6	9.6	-17.7	0.9	0.9	165.0	58.4
(MNTS, 50,100,H,V,AV,3)	30.1	-137.4	9.6	-18.5	0.9	0.9	163.0	56.5
(MNTS, 50,100,H,V,AV,6)	30.1	-138.6	9.6	-17.7	0.9	0.9	165.0	58.4
(MNTS, 50,100,H,V,AV,9)	30.1	-138.6	9.6	-17.7	0.9	0.9	165.0	58.4
(MNTS, 50,100,H,V,AH,3)	30.1	-137.4	9.6	-18.5	0.9	0.9	163.0	56.5
(MNTS, 50,100,H,V,AH,6)	30.1	-138.6	9.6	-17.7	0.9	0.9	165.0	58.4
(MNTS, 50,100,H,V,AH,9)	30.1	-138.6	9.6	-17.7	0.9	0.9	165.0	58.4
(MNTS, 50,100,V,H, P,3)	30.1	-140.7	7.6	-19.8	0.9	0.9	163.0	56.5
(MNTS, 50,100,V,H, P,6)	30.1	-140.7	7.6	-15.4	0.9	0.9	167.4	60.9
(MNTS, 50,100,V,H, P,9)	30.1	-141.7	7.6	-15.6	0.9	0.9	168.2	61.7
(MNTS, 50,100,V,H,AV,3)	30.1	-140.7	7.6	-19.8	0.9	0.9	163.0	56.5
(MNTS, 50,100,V,H,AV,6)	30.1	-140.7	7.6	-15.4	0.9	0.9	167.4	60.9
(MNTS, 50,100,V,H,AV,9)	30.1	-141.7	7.6	-15.6	0.9	0.9	168.2	61.7
(MNTS, 50,100,V,H,AH,3)	30.1	-140.7	7.6	-19.8	0.9	0.9	163.0	56.5
(MNTS, 50,100,V,H,AH,6)	30.1	-140.7	7.6	-15.4	0.9	0.9	167.4	60.9
(MNTS, 50,100,V,H,AH,9)	30.1	-141.7	7.6	-15.6	0.9	0.9	168.2	61.7
(MNTS, 50,100,H,H, P,3)	30.1	-139.5	9.6	-0.4	0.9	0.9	183.1	76.6
(MNTS, 50,100,H,H, P,6)	30.1	-139.5	9.6	1.6	0.9	0.9	185.1	78.6
(MNTS, 50,100,H,H, P,9)	30.1	-139.5	9.6	1.0	0.9	0.9	184.5	78.0
(MNTS, 50,100,H,H,AV,3)	30.1	-139.5	9.6	-0.4	0.9	0.9	183.1	76.6
(MNTS, 50,100,H,H,AV,6)	30.1	-139.5	9.6	1.6	0.9	0.9	185.1	78.6
(MNTS, 50,100,H,H,AV,9)	30.1	-139.5	9.6	1.0	0.9	0.9	184.5	78.0
(MNTS, 50,100,H,H,AH,3)	30.1	-139.5	9.6	-0.4	0.9	0.9	183.1	76.6
(MNTS, 50,100,H,H,AH,6)	30.1	-139.5	9.6	1.6	0.9	0.9	185.1	78.6
(MNTS, 50,100,H,H,AH,9)	30.1	-139.5	9.6	1.0	0.9	0.9	184.5	78.0
(KLIR, 81,100,H,H, P,3)	42.2	-136.6		-1.5		0.9	182.5	71.8
(KLIR, 81,100,H,H, P,6)	42.2	-136.6		1.6		0.9	185.6	74.9
(KLIR, 81,100,H,H, P,9)	42.2	-138.9		1.1		0.9	187.4	76.8
(KLIR, 81,100,H,H,AV,3)	42.2	-136.6		-1.5		0.9	182.5	71.8
(KLIR, 81,100,H,H,AV,6)	42.2	-136.6		1.6		0.9	185.6	74.9
(KLIR, 81,100,H,H,AV,9)	42.2	-138.9		1.1		0.9	187.4	76.8
(KLIR, 81,100,H,H,AH,3)	42.2	-136.6		-1.5		0.9	182.5	71.8
(KLIR, 81,100,H,H,AH,6)	42.2	-136.6		1.6		0.9	185.6	74.9
(KLIR, 81,100,H,H,AH,9)	42.2	-138.9		1.1		0.9	187.4	76.8

COLORADO MOUNTAINS B= 50KM SITE 65

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
(MNTS, 50, 20,V,V, P,3)	24.0	-144.8	-3.8	-0.2	0.1	-0.0	164.7	72.2
(MNTS, 50, 20,V,V,AV,3)	24.0	-144.8	-3.8	-0.2	0.1	-0.0	164.7	72.2
(MNTS, 50, 20,V,V,AH,3)	24.0	-144.8	-3.8	-0.2	0.1	-0.0	164.7	72.2
(MNTS, 50, 50,V,V, P,1)	24.0	-148.8	0.2	1.7	1.2	0.2	173.3	72.8
(MNTS, 50, 50,V,V, P,3)	24.0	-145.5	0.2	6.2	1.2	0.2	174.5	74.1
(MNTS, 50, 50,V,V,AV,1)	24.0	-148.8	0.2	1.7	1.2	0.2	173.3	72.8
(MNTS, 50, 50,V,V,AV,3)	24.0	-145.5	0.2	6.2	1.2	0.2	174.5	74.1
(MNTS, 50, 50,V,V,AH,1)	24.0	-148.8	0.2	1.7	1.2	0.2	173.3	72.8
(MNTS, 50, 50,V,V,AH,3)	24.0	-145.5	0.2	6.2	1.2	0.2	174.5	74.1



COLORADO MOUNTAINS B= 50KM SITE 65

METEOROLOGICAL DATA AND COMMENTS OF OPERATOR

DATE	BAROMETRIC	CLOUD	COVER	ASSMAN	
	PRESSURE	TYPE	PERCENT	WET	DRY
09-14-64	22.01	L1,H1	15%	43.6	62.8

PATH IS BETWEEN 2 MOUNTAIN RANGES. VALLEY ALONG PATH RISES SLIGHTLY 100FT IN FOREGROUND.

(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, 50,100,V,V, P,3)	30.1	-135.2	7.6	-4.1	0.9	0.9	173.2	66.6
(MNTS, 50,100,V,V, P,6)	30.1	-135.2	7.6	-2.4	0.9	0.9	174.9	68.3
(MNTS, 50,100,V,V, P,9)	30.1	-135.2	7.6	-2.2	0.9	0.9	175.1	68.5
(MNTS, 50,100,V,V,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,V,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,V,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,V,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,V,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,V,AH,9)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,V, P,3)	30.1	-138.4	9.6	-18.7	0.9	0.9	163.8	57.2
(MNTS, 50,100,H,V, P,6)	30.1	-138.4	9.6	-21.0	0.9	0.9	161.5	54.9
(MNTS, 50,100,H,V, P,9)	30.1	-138.4	9.6	-24.0	0.9	0.9	158.5	51.9
(MNTS, 50,100,H,V,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,V,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,V,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,V,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,V,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,V,AH,9)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,H, P,3)	30.1	-141.0	7.6	-17.7	0.9	0.9	165.4	58.8
(MNTS, 50,100,V,H, P,6)	30.1	-145.2	7.6	-18.1	0.9	0.9	169.1	62.6
(MNTS, 50,100,V,H, P,9)	30.1	-145.2	7.6	-16.6	0.9	0.9	170.6	64.1
(MNTS, 50,100,V,H,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,H,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,H,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,H,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,H,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 50,100,V,H,AH,9)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,H, P,3)	30.1	-138.3	9.6	-0.1	0.9	0.9	182.3	75.7
(MNTS, 50,100,H,H, P,6)	30.1	-145.0	9.6	1.0	0.9	0.9	190.0	83.5
(MNTS, 50,100,H,H, P,9)	30.1	-133.8	9.6	0.6	0.9	0.9	178.4	71.9
(MNTS, 50,100,H,H,AV,3)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,H,AV,6)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,H,AV,9)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,H,AH,3)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,H,AH,6)	*	*	*	*	*	*	*	*
(MNTS, 50,100,H,H,AH,9)	*	*	*	*	*	*	*	*
(KLIR, 92,100,H,H, P,3)	42.2	-112.1		-0.2		0.9	159.3	47.6
(KLIR, 92,100,H,H, P,6)	42.2	-109.0		1.1		0.9	157.5	45.8
(KLIR, 92,100,H,H, P,9)	42.2	-101.4		0.7		0.9	149.5	37.8
(KLIR, 92,100,H,H,AV,3)	*	*		*		*	*	*
(KLIR, 92,100,H,H,AV,6)	*	*		*		*	*	*
(KLIR, 92,100,H,H,AV,9)	*	*		*		*	*	*
(KLIR, 92,100,H,H,AH,3)	*	*		*		*	*	*
(KLIR, 92,100,H,H,AH,6)	*	*		*		*	*	*
(KLIR, 92,100,H,H,AH,9)	*	*		*		*	*	*

* NO MEASUREMENT ATTEMPTED

