WB FORM 733-1
(REV. 1-65)

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: July

YEAR: 1978

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°)	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, SLEET	SNOW, SLEET OR ICE ON GROUND AT 0400	WIND AVERAGE SPEED ~~(m.p.h.)~~ (knots)	~~FASTEST MILE~~ Peak Speed SPEED ~~(m.p.h.)~~ (knots)	DIRECTION	~~SUNSHINE TOTAL (Hrs. and tenths)~~ Av. Station Pressure	~~PERCENT OF POSSIBLE~~	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	94	63	79						9.1	32	S	26.5	23	2		33	18	10	17
2	91	67	79						13.4	37	S	26.4	74	0		28	12	9	16
3	86	62	74						8.1	24	W	26.4	68	0		29	21	12	19
4	91	62	77						5.1	17	NE	26.5	05	0		19	15	11	14
5	92	61	77						4.9	17	W	26.4	96	0		18	15	8	15
6	97	60	79						5.4	24	SW	26.5	20	0		15	10	8	13
7	97	68	83						9.1	34	S	26.5	26	0		18	11	8	12
8	98	68	83					—	6.0	24	SW	26.6	15	0		22	16	8	13
9	101	60	81						5.6	28	S	26.5	80	0		21	12	8	14
10	99	70	85						10.1	34	SW	26.5	34	0		20	11	8	16
11	97	71	84						9.9	34	SW	26.4	95	1		25	16	12	21
12	97	62	80						8.7	27	SW	26.5	35	0		29	20	9	18
13	103	67	85						5.3	24	SW	26.5	98	0		29	18	15	19
14	105	71	88						5.7	32	S	26.6	16	4		22	17	15	22
15	105	72	89						7.2	29	SW	26.5	73	0		31	14	10	13
16	103	75	89						8.7	32	SW	26.4	93	0		12	8	8	10
17	103	72	88						6.1	27	S	26.4	83	0		18	10	6	9
18	102	71	87						8.0	28	S	26.5	25	0		16	5	4	9
19	103	73	88						8.2	26	SW	26.5	41	0		12	8	5	8
20	103	72	88						7.1	26	SW	26.4	79	0		16	10	3	6
21	102	70	86						6.0	17	SW	26.5	29	0		12	11	6	10
22	104	69	87						3.9	18	S	26.5	56	0		17	10	9	15
23	104	74	89						4.5	14	SE	26.5	60	2		24	19	9	18
24	104	74	89			T			4.2	24	W	26.5	94	3	T, RW	29	17	15	55
25	92	70	81			T			6.3	31	E	26.6	81	7	T, RW	60	34	30	42
26	95	71	83						6.3	17	E	26.6	45	7		69	36	24	35
27	100	75	88						5.6	24	E	26.5	55	4		51	34	16	33
28	102	73	88						5.8	27	S	26.5	85	4		46	23	21	35
29	103	72	88						4.9	26	W	26.6	14	1		42	23	12	20
30	105	72	89						4.4	21	SW	26.5	51	0		21	11	7	13
31	106	70	88						7.0	24	SW	26.5	11	0		19	10	6	13
SUM	3084	2137	—	—	—	T	0	—	210.6	—	—	822.9	60	35	—	823	495	332	573
AVG	99.5	68.9	—	—	—	—	—	—	6.8	FASTEST MILE 37	DIRECTION S	~~MAX SIDLE~~ 26.5	47	1.1	—	26.5	16.0	10.7	18.5
									MISC. →						—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 84.2

DEPARTURE FROM NORMAL —

HIGHEST 106 ON 31

LOWEST 60 ON 6, 9

NUMBER OF DAYS WITH -

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 30

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH T IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HOURS~~ Daily T ON 24, 25

SNOWFALL, SLEET

TOTAL FOR THE MONTH 0 IN.

GREATEST ~~IN 24 HOURS~~ Daily 0 ON —

GREATEST DEPTH ON GROUND 0 ON —

BAROMETRIC PRESSURE
(Climatological station elevation)

(Hpc) 3310 FT., M.S.L.

MONTHLY AVERAGE STATION 26.547 IN.

HIGHEST ~~SEA LEVEL~~ Station 26.730 IN. ON 26

LOWEST ~~SEA LEVEL~~ Station 26.420 IN. ON 16, 20

WEATHER

NUMBER OF DAYS -

CLEAR (Scale 0-3) 26

PARTLY CLOUDY (Scale 4-7) 5

CLOUDY (Scale 8-10) 0

WITH 0.01 INCH OR MORE PRECIP. 0

WITH 0.10 INCH OR MORE PRECIP. 0

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

~~F = FOG~~

~~F+ = FOG WITH VISIBILITY 1/4 MILE OR LESS~~

T = THUNDER

~~R = SLEET~~

~~A = HAIL~~

~~ZR = GLAZE OR RIME~~

~~D = DUSTSTORM~~

~~H = SMOKE OR HAZE~~

~~BS = BLOWING SNOW~~

T = THUNDER

RW = RAINSHOWER

1978 JUL 01

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NM

DATE: 1978 JUL 01

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTED CODED DATA (13)	RECORDED INITIALS (15)
R	0045	CLR	20			097	68	33	01	06		994	003	JK
R	0145	CLR	20			092	71	35	02	02		993		JK
R	0250	CLR	20			090	71	35	27	01		993		JK
R	0350	CLR	20			101	67	36	29	02		994	500 1003 65 Radat 32145	[illegible]
R	0450	300 SCT	20			107	64	37	03	04		996		[illegible]
R	0550	250 - BKN	20			112	70	39	00	00		996		[illegible]
R	0650	250 - BKN	20			114	73	41	00	00		999	114 1004	[illegible]
R	0750	250 SCT	20			115	76	41	26	02		999		[illegible]
R	0850	250 SCT	20			116	79	42	26	03		999		[illegible]
R	0950	CLR	20			105	86	36	20	16 G 24		997	605 1005 63	[illegible]
R	1050	CLR	20			102	90	33	19	14 G 26		996	PK wnd 1926/35	[illegible]
R	1150	CLR	20			101	88	31	18	16 G 24		996	PK wnd 1929/34	[illegible]
R	1250	CLR	20			096	91	26	18	18 G 22		994	603 1005 PK wnd 1930/42	[illegible]
R	1350	250 SCT	20			088	93	25	19	14 G 22		993	PK wnd 1932/03	[illegible]
R	1450	250 SCT	20			079	92	26	21	12 G 20		990	PK wnd 1926/18	[illegible]
R	1550	160 SCT 250 SCT	20			076	93	29	21	12 G 20		989	517 1035 94	/
/	/	/	/			/	/	/	/	/	/	/	Radat 28145	[illegible]
R	1646	250 SCT	20			075	91	29	17	10 G 21		987	PK wnd 1826/33	JK
R	1754	250 - SCT	20			074	90	25	20	17		987	PK wnd 1825/55 [illegible]	JK
R	1846	CLR	20			072	87	21	19	10 G 24		987	605 1001	JK
R	1945	CLR	20			076	83	24	21	10		988		JK
R	2045	CLR	20			081	82	26	19	12		990		JK
R	2145	CLR	20			078	79	30	16	09		999	007 94	JK
R	2246	CLR	20			076	78	31	18	10 G 19		989		JK
R	2345	CLR	20			075	77	30	17	09		988		JK
									Σ 218					
									AV 9.1					

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIIii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 01

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 01

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	Hr.
00 45	26.540	68.0	50.2	27	0															0	0	.016			00-01
01 45	26.530	71.1	52.3	27	0															0					01-02
02 50	26.525	71.2	52.1	27	0															0					02-03
03 50	26.540	66.7	50.9	33	0	0	Cl	300												0	5	.002			03-04
04 50	26.560	64.3	50.0	36	2															2					04-05
05 50	26.575	69.6	53.1	33	3															4					05-06
06 50	26.580	72.7	55.0	32	7	7	Cl	250												3	1	.040			06-07
07 50	26.585	76.1	56.2	29	3															2					07-08
08 50	26.585	78.5	57.7	26	1															1					08-09
09 50	26.565	85.4	58.9	16	0	0	Cl	250												0	4	.015			09-10
10 50	26.560	89.9	58.9	13	0															0					10-11
11 50	26.560	89.2	58.0	12	0															0					11-12
12 50	26.540	90.6	57.4	10	0	0	Cl	250												0	8	.025			12-13
13 50	26.525	92.6	57.9	9	1	1														1					13-14
14 50	26.500	92.2	57.9	9	1															1					14-15
15 50	26.490	92.9	58.6	10	1	1	Ac	160	0	Cl	250	1								1	5	.050			15-16
16 46	26.475	96.8	58.1	11	1															1					16-17
17 54	26.475	89.8	56.8	10	1															0					17-18
18 46	26.475	87.0	55.0	9	0	0	Cl	250												0	6	.015			18-19
19 45	26.485	83.0	54.0	11	0															0					19-20
20 45	26.500	81.5	54.0	13	0															0					20-21
21 45	26.495	78.9	53.9	17	0															0	0	.020			21-22
22 46	26.495	78.1	53.7	18	0															0					22-23
23 45	26.490	76.8	53.0	18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	74	65	X	X						X		
	0348	1	0	0	0	79	65		0								
	0944	2	0	0	0	86	63		0								
	1544	3	0	0	0	94	85		0								
	2143	4	0	0	0	93	78		0								
	MID.	X	0	0	0	79	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1549	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Avg = 26.5			
STA. PRESS. 63	26.540	26.565	26.490	26.495
BAROGRAPH 64	26.525	26.545	26.510	26.495
BAR. CORR. 65	+0.5	+0.*	+.020	+.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	63	0	0	0	32	S	1303					2			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK:

* Barograph changed

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 02

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WOMO, DESERT ROCK, NV

DATE 1978 JUL 02

TO CONVERT LST TO GMT ADD 5 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0045	CLR	20			070	74	31	19	12		987	807	JK
R	0146	CLR	20			067	75	29	25	02		986		JK
R	0250	CLR	20			066	72	30	25	02		986		JK
R	0348	CLR	20			071	69	34	30	07		987	500 68 RADAT 30142	MR
R	0445	CLR	20			079	68	35	28	08		989		MR
R	0547	CLR	20			088	70	38	28	06		992		MR
R	0646	CLR	20			090	73	38	25	12		992	115	MR
R	0748	CLR	20			094	76	37	22	17	G22	993		MR
R	0845	CLR	20			092	80	29	22	17		993		MR
R	0946	CLR	20			089	82	25	23	14	G21	992	000 67	MR
R	1047	CLR	20			086	86	16	21	16	G22	992	PK WND 2131/13	MR
R	1148	CLR	20			081	86	21	21	20	G29	990	PK WND 2129/41	MR
R	1249	CLR	20			076	87	22	19	18	G26	988	PK WND 1930/33/ 812 1002	MR
R	1346	CLR	20			073	89	23	20	17	G30	987	C, NW PK WND 1930/37	MR
R	1449	CLR	20			067	90	23	20	20	G28	986	C, NW PK WND 2331/19	MR
R	1546	CLR	20			066	89	23	20	23	G31	985	TCU DSNT NW PK WND	MR
/							/	/					2031/40/ 610 1200 91	/
/							/	/					RADAT 28141	/
R	1649	CLR	20			059	88	25	18	21	G30	983	PKWND 1336/27	PK
R	1749	CLR	20			056	86	24	18	17	G28	982	PKWND 1837/0056	PK
R	1852	CLR	20			059	83	27	18	17	G24	983	PKWND 1930/0155/507	PK
R	1954	CLR	20			061	80	29	19	10	G18	983	PK WND 1825/34	PK
R	2050	CLR	20			062	78	32	20	13	G20	984	PKWND 1927/09	PK
R	2145	CLR	20			061	77	27	20	16	G21	984	103 91	PK
R	2245	CLR	20			055	75	25	20	08		982	PK WND 2028/0549	PK
R	2345	CLR	20			055	75	22	25	08		982		PK
									Σ	321				
									AV	13.4				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 Jul 02

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 Jul 02

To convert LST to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	
00 45	26.475	74.1	52.1	21	0															0	8	.020			00-01
01 46	26.470	75.4	52.1	18	0															0					01-02
02 50	26.465	72.4	51.2	21	0															0					02-03
03 48	26.475	68.9	51.0	28	0															0	5	.000			03-04
04 45	26.490	68.3	51.0	29	0															0					04-05
05 47	26.515	70.3	53.0	31	0															0					05-06
06 46	26.520	72.7	53.9	28	0															0	1	.045			06-07
07 48	26.530	75.5	54.7	25	0															0					07-08
08 45	26.525	80.0	54.1	16	0															0					08-09
09 46	26.520	82.0	53.8	12	0															0	0	.000			09-10
10 47	26.515	85.5	53.5	7	0															0					10-11
11 48	26.500	86.1	54.7	9	0															0					11-12
12 49	26.485	86.7	55.0	9	0	0	Ci	250												0	8	.035			12-13
13 46	26.480	88.5	56.0	9	0															0					13-14
14 49	26.460	90.0	56.6	9	0															0					14-15
15 46	26.455	89.3	56.3	9	0	0	Cu	80												0	6	.030			15-16
16 49	26.435	88.0	56.3	10	0															0					16-17
17 49	26.430	85.9	55.1	10	0															0					17-18
18 52	26.435	82.8	54.6	13	0															0	5	.020			18-19
19 54	26.440	79.9	54.0	16	0															0					19-20
20 50	26.445	78.0	54.2	19	0															0					20-21
21 45	26.445	76.6	52.2	16	0															0	1	.010			21-22
22 48	26.430	75.4	51.3	16	0															0					22-23
23 45	26.430	75.0	50.3	14	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0243		0	0		77	68										
	0243	1	0	0	0	79	68		0								
	0943	2	0	0	0	83	67		0								
	1543	3	0	0	0	91	82		0								
	2143	4	0	0	0	90	76		0								
	MID.		0	0	0	77	75										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	AVG 26.474			
STA. PRESS. 63	26.475	26.520	26.455	26.445
BAROGRAPH 64	26.475	26.520	26.450	26.445
BAR. CORR. 65	0	0	+.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	67	0	0	0	37	S	1456					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 03

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 0 3

TO CONVERT LST TO GMT ADD 7 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=360) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	REVISIONS INITIALS (15)
R	0045	CLR	20			055	73	23	21	12		982	605	RK
R	0145	CLR	20			056	69	27	23	10		982		RK
R	0245	CLR	20			056	67	26	34	04		982		RK
R	0347	CLR	20			063	64	31	34	04		983	303 63 RADAT 32140	MR
R	0447	CLR	20			071	63	32	34	07		986		MR
R	0546	CLR	20			074	67	33	28	10		987		MR
R	0648	CLR	20			078	69	34	26	10		988	114	MR
R	0747	CLR	20			085	70	34	27	08		989		MR
R	0847	CLR	20			088	72	34	21	10	G17	991		MR
R	0948	CLR	20			086	75	32	22	09		990	107 62	MR
R	1046	CLR	20			083	77	31	25	12	G21	989		MR
R	1149	CLR	20			082	81	32	22	11		989		MR
R	1247	CLR	20			076	82	29	24	11	G17	988	807 1100	MR
R	1348	CLR	20			073	84	28	20	12	G20	987		MR
R	1447	CLR	20			074	84	27	25	10	G18	987		MR
R	1547	CLR	20			072	85	26	23	10		986	707 85 RADAT 30135	RK
R	1646	CLR	20			066	85	25	24	09		983		RK
R	1748	CLR	20			066	84	23	22	11		984		RK
R	1848	CLR	20			068	81	23	23	06		984	603	RK
R	1948	CLR	20			074	75	26	07	04		986		RK
R	2045	CLR	20			081	69	23	00	00		987		RK
R	2145	CLR	20			079	69	26	05	03		987	307 86	RK
R	2245	CLR	20			079	67	25	06	03		987		RK
R	2345	CLR	20			075	70	27	04	09		987		RK
									Σ	195				
									AV	8.1				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: $IIiii\ Nddff\ VVwwW\ PPPTT\ N_hC_LhC_MC_H\ T_dT_{dopp}\ 6P_oP_oP_oP_o\ 7RRR_{is}\ 8N_sCh\ h_s\ 9S_pS_psp_sp_s\ 2R_{24}R_{24}R_{24}R_{24}\ 3P_wP_wH_wH_w\ d_wd_wP_wH_wH_w\ 4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 03

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1979 JUL 9 3

To convert LST to GMT ADD hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.430	73.3	49.8	15	0															0	6	015			00-01
01 45	26.430	69.0	48.9	20	0															0					01-02
02 45	26.430	66.9	47.8	21	0															0					02-03
03 47	26.440	64.0	48.0	29	0															0	3	.010			03-04
04 47	26.460	62.8	47.8	32	0															0					04-05
05 46	26.470	67.1	49.8	28	0															0					05-06
06 48	26.480	68.9	50.9	27	0															0	1	.040			06-07
07 47	26.495	70.3	51.5	26	0															0					07-08
08 47	26.505	72.0	52.2	25	0															0					08-09
09 48	26.500	75.1	53.0	21	0															0	1	.020			09-10
10 46	26.495	77.1	53.4	18	0															0					10-11
11 49	26.490	80.5	54.9	17	0															0					11-12
12 47	26.480	81.7	54.8	15	0	0	Cu	90												0	8	.020			12-13
13 48	26.470	83.7	55.2	13	0															0					13-14
14 47	26.470	83.9	55.0	12	0															0					14-15
15 47	26.460	84.8	55.3	12	0															0	7	020			15-16
16 46	26.440	85.1	55.1	11	0															0					16-17
17 48	26.450	84.0	54.3	11	0															0					17-18
18 48	26.450	81.1	53.0	11	0															0	6	010			18-19
19 48	26.460	74.8	51.1	16	0															0					19-20
20 45	26.470	69.0	48.0	17	0															0					20-21
21 45	26.470	68.8	48.5	19	0															0	3	020			21-22
22 45	26.470	67.0	47.6	20	0															0					22-23
23 45	26.470	69.8	49.2	20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	75	63	X	X						X		
	0343	1	0	0	0	77	63		0								
	0943	2	0	0	0	75	62		0								
	1545	3	0	0	0	85	75		0								
	2143	4	0	0	0	86	68		0								
	MID.	X	0	0	0	70	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av 24.468			
STA. PRESS. 63	26.440	26.500	26.490	26.470
BAROGRAPH 64	26.440	26.505	26.470	26.480
BAR. CORR. 65	0	-.005	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86	62	0	0	0	24	W	1325					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 04

MF1-10A
(1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 04

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0045	CLR	20			077	69	23	36	04		988	303	RK
R	0145	CLR	20			080	69	23	36	02		989		RK
R	0245	CLR	20			088	65	26	33	04		990		RK
R	0347	CLR	20			091	67	23	36	04		992	212 62 RADAT 28132	MR
R	0448	CLR	20			093	67	23	02	05		992		MR
R	0545	CLR	20			101	70	25	03	07		994		MR
R	0649	CLR	20			101	72	28	02	13		994	108	MR
R	0748	CLR	20			107	74	27	02	13		996		MR
R	0847	CLR	20			109	78	27	02	07		996		MR
R	0946	CLR	20			106	81	29	28	04		996	003 62	MR
R	1046	CLR	20			105	85	32	31	02		996		MR
R	1148	CLR	20			097	86	29	20	05		994	ACSL NW	MR
R	1246	CLR	20			091	88	29	27	04		992	ACSL NW/810 1040	MR
R	1347	CLR	20			084	90	26	19	07		991	AC NW	MR
R	1448	CLR	20			082	90	28	25	07		989	AC NW	MR
R	1545	CLR	20			074	90	28	23	08		987	715 91 RADAT 29142	RK
R	1645	CLR	20			068	90	25	20	05		986		RK
R	1745	CLR	20			067	88	21	24	06		986		RK
R	1845	CLR	20			070	86	17	22	05		986	503	RK
R	1945	CLR	20			076	80	16	00	00		987		RK
R	2045	CLR	20			076	79	16	00	00		988		RK
R	2145	CLR	20			077	73	21	03	04		988	105 91	RK
R	2245	CLR	20			077	68	17	04	05		988		RK
R	2345	CLR	20			078	66	16	07	02		988		RK
									Σ	123				
									AV	5.1				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 04

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WINNO, DESERT ROCK, NV

DATE: 1978 JUL 04

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.480	68.8	48.2	18	0															0	3	010			00-01
01 45	26.490	68.8	48.2	18	0															0					01-02
02 45	26.500	65.2	47.1	23	0															0					02-03
03 47	26.515	66.7	47.0	19	0															0	2	.035			03-04
04 48	26.520	68.9	47.0	19	0															0					04-05
05 45	26.540	69.6	48.8	19	0															0					05-06
06 49	26.540	71.6	50.6	20	0															0	1	.025			06-07
07 48	26.550	74.4	51.3	17	0															0					07-08
08 47	26.535	77.7	52.7	16	0															0					08-09
09 46	26.550	81.4	54.5	15	0															0	0	.010			09-10
10 46	26.550	85.4	56.9	15	0															0					10-11
11 48	26.535	85.9	56.3	13	0															0					11-12
12 46	26.520	88.1	57.2	12	0	0	AC	140												0	8	.030			12-13
13 47	26.505	90.1	57.3	10	0															0					13-14
14 48	26.495	89.6	57.4	11	0															0					14-15
15 45	26.475	90.0	57.7	11	0															0	7	045			15-16
16 45	26.460	90.2	57.0	9	0															0					16-17
17 45	26.460	88.4	55.6	9	0															0					17-18
18 45	26.465	85.6	53.8	8	0															0	5	010			18-19
19 45	26.475	80.0	51.3	9	0															0					19-20
20 45	26.480	78.9	50.9	9	0															0					20-21
21 45	26.480	73.0	49.2	14	0															0	1	015			21-22
22 45	26.480	68.2	46.3	14	0															0					22-23
23 45	26.480	66.4	45.4	14	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	70	62	X	X						X		
	0343	1	0	0	0	70	62		0								
	0942	2	0	0	0	83	66		0								
	1543	3	0	0	0	91	81		0								
	2143	4	0	0	0	91	72		0								
	MID.	X	0	0	0	73	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av 26.505			
STA. PRESS. 63	26.515	26.550	26.475	26.480
BAROGRAPH 64	26.520	26.555	26.485	26.505
BAR. CORR. 65	-.005	-.005	-.010	-.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	62	0	0	0	17	NE	0604					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 05

MF1-10A
(1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 05

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SIGN. SIRVER'S INITIALS (15)
R	0045	CLR	20			076	65	18	03	05		988	400	RK
R	0145	CLR	20			075	66	16	12	03		987		RK
R	0245	CLR	20			077	64	15	16	02		988		RK
R	0347	CLR	20			077	64	19	02	03		988	500 61 RADAT 31139	008
R	0446	CLR	20			081	63	20	02	05		989		008
R	0546	CLR	20			090	69	21	03	05		992		008
R	0648	CLR	20			091	72	21	24	03		992	114	008
R	0747	CLR	20			094	78	26	23	04		993		008
R	0844	CLR	20			093	80	26	19	01		993		008
R	0947	CLR	20			091	84	32	21	10		992	000 61	008
R	1046	CLR	20			092	85	30	22	09		992		008
R	1146	CLR	20			092	86	28	20	09		992		008
R	1248	CLR	20			085	88	30	25	03		990	807	008
R	1346	CLR	20			084	90	28	20	11		990		008
R	1445	CLR	20			085	90	23	26	04		990		RK
R	1546	CLR	20			078	90	21	19	09 G15		988	807 92 RADAT 33140	008
R	1645	CLR	20			072	91	19	30	10		986		RK
R	1747	CLR	20			070	90	19	24	07		986		RK
R	1845	CLR	20			071	87	17	21	05		987	503	RK
R	1945	CLR	20			074	80	21	00	00		987		RK
R	2045	CLR	20			081	73	19	02	02		989		RK
R	2145	CLR	20			086	70	21	01	02		991	112 92	RK
R	2245	CLR	20			084	70	20	04	02		990		RK
R	2348	CLR	20			082	69	23	05	03		989		RK
									Σ	117				
									Av	4.9				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 05

MF1-108 (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 05

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.480	64.8	44.9	16	0															0	4	.000			00-01
01 45	26.475	65.9	45.1	14	0															0					01-02
02 45	26.480	63.9	44.0	15	0															0					02-03
03 47	26.480	63.7	44.7	18	0															0	5	.000			03-04
04 46	26.490	63.0	44.6	19	0															0					04-05
05 46	26.520	68.9	47.5	16	0															0					05-06
06 48	26.520	72.4	49.0	14	0															0	1	.040			06-07
07 47	26.530	77.6	52.4	15	0															0					07-08
08 44	26.530	79.7	53.2	14	0															0					08-09
09 47	26.520	83.8	56.3	15	0															0	0	.000			09-10
10 46	26.520	84.9	56.2	14	0															0					10-11
11 46	26.520	85.9	56.0	12	0															0					11-12
12 48	26.500	88.0	57.3	12	0															0	8	.020			12-13
13 46	26.500	89.5	57.3	11	0															0					13-14
14 45	26.500	89.6	56.3	9	0															0					14-15
15 46	26.480	90.2	56.3	8	0															0	8	.020			15-16
16 45	26.465	91.3	56.3	7	0															0					16-17
17 47	26.465	89.5	55.6	7	0															0					17-18
18 45	26.470	86.7	54.2	7	0															0	5	010			18-19
19 45	26.475	80.0	52.3	11	0															0					19-20
20 45	26.490	73.4	49.0	13	0															0					20-21
21 45	26.505	70.3	48.1	15	0															0	1	035			21-22
22 45	26.500	70.1	47.9	15	0															0					22-23
23 48	26.495	68.9	47.9	17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	STA. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		68	61										
	0347	1	0	0	0	73	61		0								
	0947	2	0	0	0	84	62		0								
	1546	3	0	0	0	92	83		0								
	2143	4	0	0	0	91	70		0								
	MID.		0	0	0	71	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	AV = 26.496			
STA. PRESS. 63	26.480	26.520	26.430	26.505
BAROGRAPH 64	26.550	26.550	26.475	26.490
BAR. CORR. 65	-.020	-.030	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	61	0	0	0	17	W	1457					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK:

1300 P.S.T. CHANGED BAROGRAM - RESET TO ZERO.

MF1-108

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 06

MF1-10A
(1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 06

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0045	CLR	20			082	68	20	00	00		989	805	RK
R	0145	CLR	20			083	69	21	33	02		990		RK
R	0245	CLR	20			087	67	18	09	05		991		RK
R	0346	CLR	20			094	67	18	07	02		993	314 66 RADAT 35129	008
R	0448	CLR	20			093	69	24	09	02		993		008
R	0545	CLR	20			101	70	19	09	02		996		008
R	0645	CLR	20			103	77	25	04	07		997	310	008
R	0747	CLR	20			107	81	29	03	08		998		008
R	0845	CLR	20			110	84	27	02	04		998		008
R	0947	CLR	20			105	89	24	32	01		997	000 60	008
R	1045	CLR	20			104	90	25	14	06		997		008
R	1150	CLR	20			097	93	31	17	11 G24		994		008
R	1245	CLR	20			096	93	26	23	10 G15		994	607	008
R	1346	CLR	20			093	93	25	24	06 G12		993		008
R	1446	CLR	20			082	96	28	22	08		990		SH
R	1546	CLR	20			076	97	26	21	10		989	717 97 RADAT 20147	SH
R	1645	CLR	20			072	95	22	22	08		988		SH
R	1745	CLR	20			069	94	28	22	10		987		SH
R	1846	CLR	20			068	91	28	20	06		987	607	SH
R	1946	CLR	20			071	86	28	24	02		988		SH
R	2045	CLR	20			076	80	26	01	05		989		SH
R	2146	CLR	20			077	82	26	11	02		990	210 97	SH
R	2246	CLR	20			077	79	25	09	08		990		SH
R	2345	CLR	20			077	78	25	11	04		990		SH
									Σ	129				
									AV	5.4				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_bC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 06

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 06

To convert LST to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.490	67.5	46.6	16	0															0	8	015			00-01
01 45	26.500	68.8	47.5	16	0															0					01-02
02 45	26.510	67.3	46.1	15	0															0					02-03
03 46	26.530	66.6	45.8	15	0															0	3	.040			03-04
04 48	26.530	68.7	48.0	18	0															0					04-05
05 45	26.550	70.0	47.6	14	0															0					05-06
06 45	26.560	77.3	52.0	14	0															0	3	.030			06-07
07 47	26.570	81.3	54.6	15	0															0					07-08
08 45	26.570	84.3	55.2	12	0															0					08-09
09 47	26.560	88.8	56.4	10	0															0	0	.000			09-10
10 45	26.560	90.4	57.1	9	0															0					10-11
11 50	26.540	93.0	59.3	11	0															0					11-12
12 45	26.540	93.4	58.4	9	0															0	6	.020			12-13
13 46	26.530	93.0	58.1	9	0															0					13-14
14 46	26.505	96.1	59.8	9	0															0					14-15
15 46	26.490	97.0	59.7	8	0															0	7	.050			15-16
16 45	26.480	95.0	58.2	7	0															0					16-17
17 45	26.470	94.0	59.0	9	0															0					17-18
18 46	26.470	90.7	58.0	11	0															0	6	.020			18-19
19 46	26.480	85.8	56.1	13	0															0					19-20
20 45	26.490	80.2	53.3	13	0															0					20-21
21 46	26.500	82.4	54.3	13	0															0	2	.030			21-22
22 46	26.500	79.2	52.8	14	0															0					22-23
23 45	26.500	77.6	52.0	14	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	71	66	X	X						X		
	0344	1	0	0	0	71	66		0								
	0943	2	0	0	0	91	60		0								
	1544	3	0	0	0	97	87		0								
	2143	X	0	0	0	97	79		0								
	MID.	X	0	0	0	82	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1545	2143
ATT. THERM. 60				-20
OBSRVD. BAR. 61				
TOTAL CORR. 62	AVG 26.5			
STA. PRESS. 63	26.530	26.510	26.490	26.500
BAROGRAPH 64	26.510	26.555	26.480	21.480
BAR. CORR. 65	+.020	+.005	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	60	0	0	0	24	SW	1145					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

1978 JUL 07

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 07

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	FOR PARTICIPANTS INITIALS (15)
R	0045	CLR	20			080	72	23	07	02		990	400	SH
R	0145	CLR	20			080	73	25	02	03		990		SH
R	0245	CLR	20			076	75	27	09	04		990		SH
R	0348	CLR	20			077	72	26	07	03		990	400 70 RADAT 32149	008
R	0447	CLR	20			081	74	27	10	05		991		008
R	0546	CLR	20			086	74	30	09	02		992		008
R	0645	CLR	20			088	79	17	24	01		993	210	008
R	0748	CLR	20			088	87	29	16	13 G30		993	PKWND 1730/39	008
R	0847	CLR	20			094	87	31	17	14 G25		994	PKWND 1825/40	008
R	0948	CLR	20			092	90	29	18	19 G27		994	PKWND 1828/02/103 68	008
R	1047	CLR	20			092	93	27	17	19 G28		994	PKWND 2028/38	008
R	1148	CLR	20			088	94	25	20	16 G28		993	PKWND 1834/1848	008
R	1249	CLR	20			091	94	25	20	19 G29		993	PKWND 2033/25/803	008
R	1347	CLR	20			086	95	26	18	11 G24		992	PKWND 1733/04	008
R	1447	CLR	20			084	95	28	17	11 G23		991	PKWND 2033/01	008
R	1546	CLR	20			079	96	25	22	14 G24		990	PKWND 1831/28 / 710	SH
—	—												97 RADAT 20158	/
R	1645	CLR	20			075	94	25	18	15 G30		989	PKWND 1830/44	SH
R	1746	CLR	20			081	89	32	19	16 G28		990	PKWND 1728/39	SH
R	1846	CLR	20			082	90	23	20	12		991	303	SH
R	1945	CLR	20			089	86	21	22	06		993		SH
R	2045	CLR	20			100	82	19	12	03		997		SH
R	2145	CLR	20			103	79	23	11	05		997	119 97	SH
R	2245	CLR	20			105	76	19	11	03		998		SH
R	2345	CLR	20			110	70	21	06	02		999		SH
									Σ	218				
									AV	9.1				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Ndd/f VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 07

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: YR 78 MO 07

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HRS.
00 45	26.500	72.0	49.4	16	0															0	4	.002			00-01
01 45	26.500	72.7	50.0	17	0															0					01-02
02 45	26.500	75.0	51.4	16	0															0					02-03
03 48	26.500	72.0	50.0	18	0															0	4	.000			03-04
04 47	26.510	73.5	50.8	17	0															0					04-05
05 46	26.520	73.8	51.9	20	0															0					05-06
06 45	26.530	79.4	51.2	9	0															0	2	.030			06-07
07 48	26.530	87.2	57.0	13	0															0					07-08
08 47	26.540	89.3	57.4	13	0															0					08-09
09 48	26.540	89.8	57.7	11	0															0	1	.010			09-10
10 47	26.540	92.8	58.3	9	0															0					10-11
11 48	26.530	94.2	58.5	8	0															0					11-12
12 49	26.530	94.3	58.5	8	0															0	8	.010			12-13
13 47	26.520	94.6	58.9	9	0															0					13-14
14 47	26.520	94.5	58.5	8	0															0					14-15
15 46	26.500	96.0	59.2	8	0															0	7	.030			15-16
16 45	26.490	94.2	58.5	8	0															0					16-17
17 46	26.500	89.0	58.1	13	0															0					17-18
18 46	26.510	90.2	56.6	9	0															0	3	.010			18-19
19 45	26.535	86.0	54.6	9	0															0					19-20
20 45	26.560	82.0	52.7	10	0															0					20-21
21 45	26.565	79.3	52.3	12	0															0	1	.055			21-22
22 45	26.570	76.2	50.2	11	0															0					22-23
23 45	26.580	69.6	47.7	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 43	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	78	70	X	X						X		
	0348	1	0	0	0	82	70		0								
	0948	2	0	0	0	92	68		0								
	1544	3	0	0	0	97	90		0								
	2143	4	0	0	0	96	79		0								
	MID.	X	0	0	0	80	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av = 26.526			
STA. PRESS. 63	26.500	26.540	26.500	26.565
BAROGRAPH 64	26.485	26.515	26.485	26.540
BAR. CORR. 65	+.015	+.025	+.015	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD. (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	68	0	0	0	34	S	1048					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 08

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 0 8

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
R	0046	CLR	20			112	71	24	21	03		999	207	SH
R	0145	CLR	20			111	75	26	00	00		000		SH
R	0245	CLR	20			118	71	34	23	02		001		SH
R	0346	CLR	20			119	73	32	30	01		003	312 68 RADAT 25147	008
R	0447	CLR	20			128	71	32	35	05		004		008
R	0544	CLR	20			126	73	34	35	03		005		008
R	0649	CLR	20			134	79	35	31	04		007	210	008
R	0746	CLR	20			136	81	35	22	03		007		008
R	0845	CLR	20			140	83	35	24	09		008		008
R	0946	CLR	20			144	87	35	23	11 G16		009	307 68	008
R	1047	CLR	20			140	90	33	21	11 G17		008		008
R	1148	CLR	20			139	91	31	18	14 G21		007		008
R	1245	CLR	20			136	93	31	24	13 G17		004	814	008
R	1348	CLR	20			122	96	29	24	14 G18		003		008
R	1446	CLR	20			119	96	30	25	12 G20		001		008
R	1545	CLR	20			108	96	26	24	09 G18		999	717 98 RADAT 20152	SH
R	1646	CLR	20			105	96	26	23	08		998		SH
R	1747	CLR	20			103	95	26	22	08		997	FEW CI SE	SH
R	1846	CLR	20			103	91	26	23	06		998	503 1001	SH
R	1945	CLR	20			107	86	26	20	02		998		SH
R	2045	CLR	20			114	80	26	02	03		000		SH
R	2145	CLR	20			114	81	26	35	02		000	107 98	SH
R	2246	CLR	20			114	74	24	02	02		000		SH
R	2345	CLR	20			115	73	24	00	00		000		SH
									Σ	145				
									AV	6.0				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_cP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 08

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WOMO, DESERT ROCK, NV

DATE: 1978 JUL 08

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR
00 46	26.585	71.3	49.3	17	0															0	2	.020			00-01
01 45	26.590	75.0	51.2	16	0															0					01-02
02 45	26.600	71.2	52.0	26	0															0					02-03
03 46	26.620	73.4	52.3	22	0															0	3	.035			03-04
04 47	26.630	70.7	51.0	24	0															0					04-05
05 44	26.640	73.1	52.6	23	0															0					05-06
06 49	26.650	79.2	55.8	21	0															0	2	.030			06-07
07 46	26.650	81.0	56.0	19	0															0					07-08
08 45	26.660	83.4	57.0	18	0															0					08-09
09 46	26.670	86.9	58.3	16	0															0	3	.020			09-10
10 47	26.660	90.2	59.0	13	0															0					10-11
11 48	26.650	90.5	58.6	12	0															0					11-12
12 45	26.630	93.3	59.6	11	0															0	8	.040			12-13
13 48	26.670	96.0	60.1	9	0															0					13-14
14 46	26.600	95.7	60.2	10	0															0					14-15
15 45	26.580	95.6	59.2	8	0															0	7	.050			15-16
16 46	26.570	95.7	59.3	8	0															0					16-17
17 47	26.565	94.5	58.8	9	0															0					17-18
18 46	26.570	91.3	57.7	10	0	0	61	250												0	5	.010			18-19
19 45	26.575	86.1	55.6	11	0															0					19-20
20 45	26.590	80.2	53.5	14	0															0					20-21
21 45	26.590	81.9	53.6	13	0															0	1	.020			21-22
22 46	26.590	73.8	50.2	15	0															0					22-23
23 45	26.595	73.3	50.0	16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	ICE ON GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	78	68	X	X						X		
	0344	1	0	0	0	80	68		0								
	0944	2	0	0	0	87	68		0								
	1544	3	0	0	0	98	83		0								
	2144	4	0	0	0	97	77		0								
	MID.	X	0	0	0	81	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av = 2	6	6	1
STA. PRESS. 63	26.620	26.670	26.580	26.590
BAROGRAPH 64	26.585	26.650	26.575	26.580
BAR. CORR. 65	+.035	+.020	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	68	0	0	0	24	SW	1729					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 09

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1978 JUL 09

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	RECORDER INITIALS (15)
R	0045	CLR	20			117	70	23	36	02		001	303	SH
R	0145	CLR	20			121	66	19	00	00		002		SH
R	0248	CLR	20			121	64	19	09	02		001		SH
R	0350	CLR	20			145	60	20	05	02		002	302 62 RAPAT 23147	HS
R	0452	CLR	20			128	63	16	09	01		003		HS
R	0550	CLR	20			128	69	22	09	03		004		HS
R	0651	CLR	20			131	74	28	16	03		005	110	HS
R	0748	CLR	20			134	81	27	00	00		006		HS
R	0848	CLR	20			130	87	27	24	05		005		HS
R	0949	CLR	20			129	89	30	24	05		005	000 60	HS
R	1047	CLR	20			126	94	31	24	09		004		HS
R	1146	CLR	20			120	95	29	25	10		002		HS
R	1247	CLR	20			111	98	31	22	12		999	817 1100	HS
R	1347	CLR	20			109	98	30	20	11	G17	998		HS
R	1447	CLR	20			105	100	34	21	12	G21	997	PK WND 1828/05	HS
R	1548	CLR	20			096	100	28	25	10	G24	994	PK WND 2227/19/715 01	CRD
/													RAPAT 27144	/
R	1647	CLR	20			091	98	29	24	14	G24	993		CRD
R	1745	CLR	20			087	96	27	22	10		992	PK WND 1827/15	CRD
R	1845	CLR	20			081	94	31	20	08		991	710	CRD
R	1945	CLR	20			084	89	24	18	05		992		CRD
R	2047	CLR	20			089	83	24	13	02		993		CRD
R	2150	CLR	20			093	81	28	10	04		994	210 01	CRD
R	2245	CLR	20			091	79	25	09	02		994		CRD
R	2347	CLR	20			090	78	24	09	03		994		CRD
									I	135				
									AV	5.6				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{as}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 09

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: NEMO, DESERT ROCK, NV

DATE: 1978 JUL 09

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	H.F.
00 45	26.600	69.7	48.2	17	0															0	3	.010			00-01
01 45	26.605	65.7	45.7	17	0															0					01-02
02 48	26.600	64.4	45.0	17	0															0					02-03
03 50	26.605	60.4	43.3	21	0															0	3	.005			03-04
04 52	26.620	62.9	43.7	16	0															0					04-05
05 50	26.625	69.4	48.0	17	0															0					05-06
06 51	26.635	73.6	51.1	18	0															0	1	.030			06-07
07 48	26.645	81.4	54.2	14	0															0					07-08
08 48	26.635	87.1	56.3	11	0															0					08-09
09 49	26.635	89.3	57.8	12	0															0	0	.000			09-10
10 47	26.625	94.0	59.7	11	0															0					10-11
11 46	26.610	95.0	59.6	9	0															0					11-12
12 47	26.585	97.7	61.0	10	0	0	Cu	80												0	8	.050			12-13
13 47	26.575	98.2	61.0	9	0															0					13-14
14 47	26.565	99.6	62.4	10	0															0					14-15
15 48	26.540	99.7	61.0	8	0															0	7	.045			15-16
16 47	26.525	98.0	60.7	9	0															0					16-17
17 45	26.520	96.3	59.7	9	0															0					17-18
18 45	26.510	93.6	59.5	11	0															0	7	.030			18-19
19 45	26.515	89.6	55.8	10	0															0					19-20
20 47	26.530	83.1	54.0	11	0															0					20-21
21 50	26.540	81.1	54.2	14	0															0	2	.030			21-22
22 45	26.540	79.2	52.7	13	0															0					22-23
23 47	26.540	77.8	51.8	13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MIT. TO 0348	X	0	0	X	75	60	X	X						X		
	0348	1	0	0	0	81	60		0								
	0945	2	0	0	0	93	60		0								
	1545	3	0	0	0	101	89		0								
	2146	4	0	0	0	100	80		0								
	MID.	X	0	0	0	81	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av = 26.580			
STA. PRESS. 63	26.605	26.635	26.540	26.540
BAROGRAPH 64	25.580	26.625	26.540	26.545
BAR. CORR. 65	+.015	+.010	*0	-005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP (Ins.) 75	FROZEN GROUND LAYER BASE (Ins.) 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	60	0	0	0	28	5	1405					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

* BARGRAPH CHART CHANGED.

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

1978 JUL 10

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 10 1978

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0049	CLR	20			091	74	20	00	00		994	400	CRD
R	0145	CLR	20			088	77	23	25	03		994		CRD
R	0248	CLR	20			090	72	27	04	05		994		CRD
R	0350	CLR	20			094	73	29	36	04		995	302 70 RADAT 34144	HS
R	0447	CLR	20			100	70	34	05	03		996		HS
R	0550	CLR	20			100	75	32	00	00		997		HS
R	0648	CLR	20			099	81	38	28	02		997	107	HS
R	0748	CLR	20			103	86	36	13	02		998		HS
R	0850	CLR	20			104	90	31	18	15	G21	998		HS
R	0950	CLR	20			107	93	30	18	16	G24	999	207 70	HS
R	1048	CLR	20			106	94	30	15	17	G28	999	PK WND 1728/42	HS
R	1150	CLR	20			096	96	29	16	12	G26	996	CW NE PKWND 1830/14	HS
R	1250	CLR	20			095	96	23	19	21	G30	995	814 1030 PKWND 1930/45	HS
R	1349	CLR	20			085	97	28	21	17	G28	993	ACSL SE PK WND 1831/2057	HS
R	1446	CLR	20			081	96	28	21	17	G28	991	ACSL SE PK WND 2030/29	HS
R	1550	CLR	20			077	96	25	20	18	G30	990	ACSL SE PK WND 1930/38	CRD
/													/717 1040 99 RADAT 24153	/
R	1649	CLR	20			073	96	24	24	24	G34	987	PK WND 2234/47	CRD
R	1749	CLR	20			066	94	26	21	15	G26	986	PK WND 2331/22	CRD
R	1848	CLR	20			064	92	21	21	14	G26	986	PK WND 2226/43/608	CRD
R	1945	CLR	20			067	88	21	21	08		987		CRD
R	2045	CLR	20			074	83	27	21	03		989		CRD
R	2147	CLR	20			079	80	30	12	02		991	214 99	CRD
R	2245	CLR	20			076	81	32	18	10		991		CRD
R	2345	CLR	20			072	82	34	19	14	G24	990		CRD
									Σ 242					
									AV 10.1					

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 10

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 10 1978

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.540	72.8	49.5	13	O															O	4	.010			00-01
01 45	26.535	76.8	51.2	14	O															O					01-02
02 48	26.535	71.8	50.2	19	O															O					02-03
03 50	26.545	72.5	51.0	20	O															O	3	.005			03-04
04 47	26.555	70.3	51.4	26	O															O					04-05
05 50	26.560	74.6	52.7	21	O															O					05-06
06 48	26.565	81.4	57.1	21	O															O	1	.020			06-07
07 48	26.575	86.0	58.4	17	O															O					07-08
08 50	26.575	90.2	58.5	12	O															O					08-09
09 50	26.585	92.8	59.0	11	O															O	2	.020			09-10
10 48	26.580	94.2	59.7	10	O															O					10-11
11 50	26.555	96.2	60.1	9	O															O					11-12
12 50	26.545	95.6	58.7	8	O	O	Ac	160												O	8	.040			12-13
13 49	26.525	97.4	60.2	8	O															O					13-14
14 46	26.505	96.0	59.7	9	O															O					14-15
15 50	26.495	96.3	59.3	8	O	O	Ac	160												O	7	.050			15-16
16 49	26.480	96.0	59.0	8	O															O					16-17
17 49	26.470	94.2	58.7	9	O															O					17-18
18 48	26.470	92.2	59.0	8	O															O	6	.025			18-19
19 45	26.480	87.7	55.3	9	O															O					19-20
20 45	26.495	83.0	54.8	13	O															O					20-21
21 47	26.510	79.8	54.1	16	O															O	2	.040			21-22
22 45	26.505	81.4	55.4	17	O															O					22-23
23 45	26.500	82.4	56.5	18	O															O					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	78	70	X	X						X		
	0348	1	0	0	0	81	76		0								
	0948	2	0	0	0	93	70		0								
	1546	3	0	0	0	99	93		0								
	2145	4	0	0	0	98	79		0								
	MID.	X	0	0	0	84	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Avg 26.5			
STA. PRESS. 63	26.545	26.585	26.495	26.510
BAROGRAPH 64	26.545	26.580	26.515	26.520
BAR. CORR. 65	0	+.005	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	70	O	O	O	34	SW	1647					O			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 11

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 11 1978

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
R	0047	CLR	20			070	81	30	20	10		998	7.07	CRD
R	0145	CLR	20			067	78	25	15	03		987		CRD
R	0245	CLR	20			070	74	28	32	03		987		CRD
R	0356	CLR	20			079	72	34	31	02		990	303 71 RADAT 24149	HS
R	0448	CLR	20			085	72	36	08	01		992		HS
R	0549	CLR	20			086	77	37	25	03		993		HS
R	0650	CLR	20			086	81	37	18	10		993	110 1031	HS
R	0748	150 SCT 300 SCT	20			090	85	37	19	11		994		HS
R	0854	CLR	20			093	86	37	22	16	G24	994	ACSL SE	HS
R	0951	CLR	20			094	87	35	21	15	G23	994	ACSL SE-S/103 1040 71	HS
R	1051	CLR	20			092	89	36	20	17	G26	994	ACSL SE PK WND 2226/48	HS
R	1149	CLR	20			086	90	35	20	14	G26	993	ACSL SE-S PK WND 2234/17	HS
R	1250	CLR	20			080	92	35	20	12	G24	992	ACSL SE PK WND 2030/03	
~~R~~	~~1347~~	~~CLR~~	~~20~~			~~075~~	~~92~~	~~34~~	~~19~~	~~15~~	~~G28~~		/508 1040	HS
R	1347	CLR	20			075	92	34	19	15	G28	989	ACSL SE-S PKWND 1931/34	HS
R	1451	CLR	20			069	94	35	17	17	G30	987	ACSL SE-S PKWND 2131/14	HS
R	1550	180 SCT 300 SCT	20			064	95	34	19	20	G24	985	ACSL SE PKWND 1733/2256/	CRD
													719 1041 97 RADAT 26155	
R	1647	180 SCT 300 SCT	20			061	94	36	20	17	G29	985	ACSL S-W PK WND 1929/42	CRD
R	1746	180 SCT 300 SCT	20			058	94	36	20	17	G30	984	ACSL S-W PK WND 1831/22	CRD
R	1848	180 SCT 300 SCT	20			062	89	37	22	13		985	500 1041	CRD
R	1946	180 SCT 300 SCT	20			063	87	37	21	07		985		CRD
R	2045	180 SCT 300 SCT	20			067	82	35	19	05		986		CRD
R	2148	180 SCT 300 SCT	20			071	81	37	17	04		987	307 1071 97	CRD
R	2245	180 SCT 300 SCT	20			071	77	32	07	02		987		CRD
R	2345	300 SCT	20			067	77	37	01	04		986		CRD
									Σ	125				
									AV	9.9				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ss}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 11

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 11 1978

To convert LST to GMT ADD 5 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.490	51.1	54.8	16	0															0	7	.020			00-01
01 45	26.480	78.4	52.5	14	0															0					01-02
02 45	26.480	74.3	51.5	18	0															0					02-03
03 56	26.500	71.6	52.0	25	0															0	3	.010			03-04
04 48	26.515	72.2	51.1	21	0															0					04-05
05 49	26.525	76.5	55.0	24	0															0					05-06
06 50	26.530	81.3	56.9	21	0	0	Ac	150	0	Ci	250	0								0	1	.030			06-07
07 48	26.535	84.7	58.1	18	1															1					07-08
08 54	26.540	86.2	58.5	17	0															0					08-09
09 51	26.540	87.3	58.6	16	0	0	Ac	150												0	1	.010			09-10
10 51	26.540	89.2	59.5	17	0															0					10-11
11 49	26.530	90.3	59.6	14	0															0					11-12
12 50	26.515	92.4	60.2	13	0	0	Ac	150												0	8	.025			12-13
13 47	26.495	92.4	60.0	13	0															0					13-14
14 51	26.475	94.1	61.0	13	0															0					14-15
15 50	26.460	95.2	61.0	12	2	1	Ac	180	1	Ci	300	2								2	7	.055			15-16
16 47	26.455	94.3	61.1	13	3															3					16-17
17 46	26.450	94.2	61.1	13	5															4					17-18
18 48	26.460	89.4	59.8	16	5	2	Ac	180	3	Ci	300	5								4	5	.000			18-19
19 46	26.460	86.8	58.8	17	5															4					19-20
20 45	26.470	82.3	56.6	18	3															3					20-21
21 48	26.480	81.2	57.0	21	5	3	Ac	180	2	Ci	300	5								4	3	.020			21-22
22 45	26.480	78.7	54.2	18	4															4					22-23
23 45	26.470	77.0	55.3	24	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0355	X	0	0	X	82	71	X	X						X		
	0355	1	0	0	0	84	71		0								
	0949	2	0	0	0	89	71		0								
	1546	3	0	0	0	97	89		0								
	2146	4	0	0	0	97	80		0								
	MID.	X	0	0	0	82	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0950	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	AS	26.49		
STA. PRESS. 63	26.500	26.540	26.460	26.480
BAROGRAPH 64	26.510	26.545	26.465	26.490
BAR. CORR. 65	-.010	-.005	-.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	71	0	0	0	34	SW	1117					1			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 12

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 12 1978

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0045	CLR	20			072	73	37	31	03		987	500	CRD
R	0145	CLR	20			073	74	34	04	03		987		CRD
R	0247	CLR	20			074	69	31	02	06		988		CRD
R	0348	CLR	20			082	67	33	03	07		990	307 1001 66 RADAT 28157	JD
R	0449	CLR	20			093	65	34	00	00		993		JD
R	0550	CLR	20			097	70	35	35	04		995		JD
R	0651	CLR	20			105	79	34	33	03		997	224 1030	JD
R	0749	CLR	20			106	79	38	22	04		997		JD
R	0847	CLR	20			109	81	38	23	06		998		JD
R	0950	CLR	20			108	84	39	25	07		998	102 1001 62	JD
R	1047	CLR	20			109	89	37	22	17		998		JD
R	1146	CLR	20			103	92	38	22	17	G27	997	PK WND 2327/42	JD
R	1247	CLR	20			100	94	33	20	14	G24	996	807	JD
R	1346	CLR	20			094	94	25	19	12	G19	994		JD
R	1449	CLR	20			086	96	33	22	13	G23	992		JD
R	1550	CLR	20			084	95	27	21	19		991	717 1001 97 RADAT 40160	LEF
R	1650	CLR	20			083	95	31	23	20		990		LEF
R	1750	CLR	20			080	93	34	19	18		990		LEF
R	1850	CLR	20			084	90	33	19	12		992	303	LEF
R	1950	CLR	20			091	86	30	19	05		993		LEF
R	2050	CLR	20			097	82	33	09	04		995		LEF
R	2150	CLR	20			103	81	33	09	06		997	215 97	LEF
R	2250	CLR	20			106	76	30	36	06		998		LEF
R	2350	CLR	20			105	74	30	06	03		998		LEF
									Σ	209				
									AV	8.7				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 12

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE NOAA NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WOND, DESERT ROCK, NV

DATE: JUL 12 1978

To convert LST to GMT ADD 6 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	
00 45	26.480	72.8	53.6	27	0															0	5	000			00-01
01 45	26.480	73.5	53.0	24	0															0					01-02
02 47	26.485	68.8	50.0	24	0															0					02-03
03 48	26.500	66.7	49.8	29	0	0	Ci	320												0	3	.020			03-04
04 49	26.525	65.0	49.3	31	0															0					04-05
05 50	26.545	69.9	51.8	28	0															0					05-06
06 51	26.570	75.0	55.2	20	0	0	Ac	220												0	2	.070			06-07
07 49	26.570	78.8	56.3	23	0															0					07-08
08 47	26.575	80.9	57.1	22	0															0					08-09
09 50	26.575	84.4	58.8	20	0	0	C.	320												0	1	.005			09-10
10 47	26.580	89.0	59.7	16	0															0					10-11
11 46	26.565	92.0	60.9	15	0															0					11-12
12 47	26.555	94.1	60.4	12	0															0	8	.020			12-13
13 46	26.540	94.4	58.5	8	0															0					13-14
14 49	26.520	96.0	61.1	11	0															0					14-15
15 50	26.505	95.1	59.3	9	0	0	Ci	300												0	7	.050			15-16
16 50	26.500	95.0	60.0	10	0	[illegible]														0					16-17
17 50	26.500	93.3	60.3	12	0	[illegible]														0					17-18
18 50	26.515	90.4	59.0	13	0															0	3	.010			18-19
19 50	26.530	86.0	56.6	13	0															0					19-20
20 50	26.545	82.4	56.1	17	0															0					20-21
21 50	26.560	81.0	55.5	18	0															0	2	.045			21-22
22 50	26.570	75.5	52.4	18	0															0					22-23
23 50	26.570	74.3	52.0	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	77	66	X	X						X		
	0345	1	0	0	0	82	66		0								
	0946	2	0	0	0	84	62		0								
	1545	3	0	0	0	97	84		0								
	2145	4	0	0	0	95	81		0								
	MID.	X	0	0	0	81	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0949	1549	2149
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62	AV	26.3		
STA. PRESS. 63	26.500	26.575	26.505	26.560
BAROGRAPH 64	26.590	26.585	26.530	26.570
BAR. CORR. 65	-.010	-.010	-.025	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	62	0	0	0	27	SW	1142					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 13

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible] DESERT ROCK, NV

DATE: 1978 JUL 13

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0050	CLR	20			100	80	37	09	07		998	103	LEF
R	0150	CLR	20			105	72	34	01	02		998		LEF
R	0250	CLR	20			101	77	41	05	01		998		LEF
R	0347	CLR	20			111	73	38	09	02		999	305 72 RADAT 40157	JD
R	0446	CLR	20			116	69	37	04	02		000		JD
R	0548	CLR	20			123	74	35	00	00		003		JD
R	0647	CLR	20			124	81	38	06	02		004	114	JD
R	0747	CLR	20			124	86	40	26	02		004		JD
R	0849	CLR	20			125	91	41	23	03		004		JD
R	0949	CLR	20			125	94	44	25	06		005	203 1001 67	JD
R	1048	CLR	20			128	96	46	19	04		005		JD
R	1148	CLR	20			120	99	48	23	09	G24	003		JD
R	1250	CLR	20			114	98	50	23	09	G20	002	810 1031	JD
R	1348	CLR	20			109	101	49	22	10		999		JD
R	1453	CLR	20			102	101	49	23	10		998		JD
R	1550	CLR	20			098	102	45	26	14		998	712 1001 03 RADAT 39159	LEF
R	1650	CLR	20			098	101	45	21	14		997		LEF
R	1750	CLR	20			098	99	39	25	08		997		LEF
R	1850	CLR	20			098	97	38	24	08		998	502 1071	LEF
R	1950	CLR	20			105	89	36	33	03		999		LEF
R	2050	CLR	20			112	83	33	04	03		001	~~1001 03~~	LEF
R	2150	CLR	20			112	82	36	11	02		001	112 1001 03	LEF
R	2250	300 - ScT	20			115	83	35	10	04		002		LEF
R	2350	300 ScT	20			115	79	32	03	02		002		LEF
									Σ	127				
									AV	5.3				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: (iii) Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRis $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 13

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]

DATE: 1978 JUL 13

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.570	80.0	56.5	22	0															0	1	010			00-01
01 50	26.570	72.3	52.5	25	0															0					01-02
02 50	26.570	77.0	56.6	28	0															0					02-03
03 47	26.585	72.9	54.1	29	0															0	3	.015			03-04
04 46	26.595	69.1	52.1	31	0															0					04-05
05 48	26.615	73.8	53.0	25	0															0					05-06
06 47	26.625	80.5	56.9	22	0															0	1	.040			06-07
07 47	26.625	86.2	59.6	20	0															0					07-08
08 49	26.630	90.7	61.4	18	0															0					08-09
09 49	26.635	94.0	63.8	18	0	0	Ci	300												0	2	.010			09-10
10 48	26.635	96.1	65.0	18	0															0					10-11
11 48	26.620	99.4	67.0	18	0															0					11-12
12 50	26.605	98.2	67.1	19	0	0	Ac	200	0	Ci	300	0								0	8	.030			12-13
13 48	26.590	101.3	67.7	17	0															0					13-14
14 53	26.575	101.1	67.6	17	0															0					14-15
15 50	26.570	102.0	66.7	15	0	0	Ci	300												0	7	035			15-16
16 50	26.560	100.6	66.0	15	0															0					16-17
17 50	26.560	99.2	63.6	13	0															0					17-18
18 50	26.565	96.7	62.5	13	0	0	Ac	180	0	Ci	300	0								0	5	005			18-19
19 50	26.580	88.8	59.3	16	0															0					19-20
20 50	26.600	83.2	57.5	17	0															0					20-21
21 50	26.600	82.3	57.0	19	0	0	Ci	300												0	1	035			21-22
22 50	26.610	82.6	56.6	18	2	2	Ci	300												1					22-23
23 50	26.610	78.8	54.3	18	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	80	72	X	X						X		
	0343	1	0	0	0	81	72		0								
	0945	2	0	0	0	94	67		0								
	1545	3	0	0	0	103	94		0								
	2145	4	0	0	0	102	82		0								
	MID.	X	0	0	0	83	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	AJ 26.598			
STA. PRESS. 63	26.585	26.635	26.570	26.600
BAROGRAPH 64	26.595	26.639	26.570	26.596
BAR. CORR. 65	-.010	±0	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	67	0	0	0	24	50	1142					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

* 0950P Barograph Changed 0 Cor.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 14

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 14

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SEQUENCE INITIALS (15)
R	0049	300 -SCT	20			113	76	34	03	03		001	600 1005	LEF
R	0150	300 -SCT	20			113	74	33	01	02		001		LEF
R	0249	300 -BKN	20			113	73	34	09	02		001		LEF
R	0350	280 -BKN	20			119	75	33	04	03		003	307 1078 72 RADAT 96147	JD
R	0453	180 SCT 280 -BKN	20			123	72	36	08	02		004		JD
R	0546	180 SCT 280 -BKN	20			128	77	38	11	04		005		JD
R	0649	180 SCT 280 -SCT	20			132	82	36	08	02		007	212 1071	JD
R	0746	180 SCT 280 -BKN	20			136	89	39	19	02		008		JD
R	0849	180 SCT 280 -SCT	20			137	92	43	20	04		008		JD
R	0949	180 SCT 280 SCT	20			135	95	44	22	02		007	002 1071 71	JD
R	1048	180 SCT 230 SCT	20			128	98	46	20	04		006		JD
R	1148	180 SCT 240 -BKN	20			127	99	43	05	05		005		JD
R	1250	130 SCT 180 SCT 250 -BKN	20			117	101	47	21	12		003	715 1071	JD
R	1348	130 SCT 180 SCT 250 SCT	20			111	103	48	19	14		001	PK WND 1932/17	JD
R	1449	130 SCT 180 SCT 250 SCT	20			109	102	48	21	10	621	999		JD
R	1550	130 SCT 180 SCT 250 SCT	20			102	103	47	23	18		998	714 1071 05 RADAT 70150	LEF
R	1650	130 SCT 180 SCT 250 SCT	20			104	102	46	20	14		998		LEF
R	1748	180 SCT	20			100	100	48	18	09		998		LEF
R	1850	CLR	20			101	97	49	18	08		998	500 1070	LEF
R	1950	CLR	20			105	89	42	16	05		999		LEF
R	2049	CLR	20			110	88	43	09	04		002		LEF
R	2150	CLR	20			113	87	43	10	04		002	212 05	LEF
R	2248	CLR	20			117	82	43	10	02		003		LEF
R	2350	CLR	20			115	81	41	04	01		002		LEF
									Σ	136				
									AV	5.7				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_ex$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 14

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WAMO, DESERT ROCK, NV

DATE: 1978 JUL 14

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.600	75.9	53.7	21	2	2	Ci	300												1	0	000			00-01
01 50	26.600	74.0	52.8	22	3															1					01-02
02 49	26.600	73.1	52.8	24	6															3					02-03
03 50	26.620	74.5	52.9	22	8	0	Ac	130	8	Cs	280	8								1	3	.020			03-04
04 53	26.625	71.9	53.0	27	8															1					04-05
05 46	26.640	77.1	55.7	25	4															2					05-06
06 49	26.655	81.7	56.8	20	5	1	Ac	180	4	Ci	280	5								1	2	.035			06-07
07 46	26.665	88.9	60.2	17	7															1					07-08
08 49	26.665	92.3	62.6	18	2															1					08-09
09 49	26.640	95.1	64.0	17	1	0	Ac	130	1	Ac	180	1	0	Ci	280	1				1	0	.005			09-10
10 48	26.650	98.1	65.6	17	1															1					10-11
11 48	26.640	98.8	65.0	15	7															3					11-12
12 50	26.615	101.1	66.9	16	6	2	Ac	130	0	Ac	180	2	4	Ci	250	6				2	7	.045			12-13
13 48	26.600	103.1	68.1	16	3															2					13-14
14 49	26.580	102.1	67.7	16	3															2					14-15
15 50	26.575	102.8	67.5	15	4	2	Ac	130	2	Ac	180	4	1	Ci	250	4				3	7	.040			15-16
16 50	26.575	101.8	67.0	16	4															4					16-17
17 48	26.570	100.0	66.8	17	1															1					17-18
18 50	26.575	97.4	66.5	19	0	0	Ac	180												0	5	.000			18-19
19 50	26.585	89.4	64.4	19	0															0					19-20
20 49	26.605	88.2	61.5	21	0															0					20-21
21 50	26.610	87.2	61.2	22	0															0	2	.035			21-22
22 48	26.620	81.6	59.0	25	0															0					22-23
23 50	26.610	81.0	58.2	24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	79	72	X	X						X		
	0345	1	0	0	0	83	72		0								
	0945	2	0	0	0	95	71		0								
	1545	3	0	0	0	105	95		0								
	2145	4	0	0	0	103	87		0								
	MID.	X	0	0	0	87	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Avg 26.616			
STA. PRESS. 63	26.620	26.660	26.575	26.610
BAROGRAPH 64	26.605	26.655	26.580	26.600
BAR. CORR. 65	+.015	+.005	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP (Ins.) 75	FROZEN GROUND LAYER BASE (Ins.) 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	71	0	0	0	39	5	1317					34			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK:

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 15

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 15

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Mph) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CH. SERVERS INITIALS (15)
R	0050	CLR	20			110	78	41	09	02		001	803	LEF
R	0150	CLR	20			110	77	40	07	04		001		LEF
R	0250	CLR	20			112	76	40	10	02		001		LEF
R	0346	CLR	20			118	73	41	01	03		003	305 73 RADAT 69146	JD
R	0446	CLR	20			117	73	40	32	02		003		JD
R	0547	CLR	20			120	76	42	09	02		003		JD
R	0647	CLR	20			120	82	44	13	02		004	203	JD
R	0748	CLR	20			125	89	48	28	02		005		JD
R	0847	CLR	20			119	94	48	20	02		004		JD
R	0948	CLR	20			114	98	41	22	10		003	803 1060 72	JD
R	1047	120 SCT	20			107	101	44	22	10		000		JD
R	1147	120 SCT	20			099	101	42	20	11	G24	998	PK WND 2026/29	JD
R	1247	120 SCT	20			095	104	42	22	14	G24	997	717 1060	JD
R	1346	120 SCT	20			093	102	40	19	10	G22	996		JD
R	1449	CLR	20			088	103	39	16	16		994	PK WND 2329/08	JD
R	1550	CLR	20			084	103	35	25	07		993	714 1060 05 RADAT 20163	LEF
R	1650	CLR	20			074	102	32	17	12		990		LEF
R	1748	CLR	20			075	101	34	22	13		990		LEF
R	1850	CLR	20			075	98	29	21	14		991	507	LEF
R	1950	CLR	20			078	94	31	18	10		992		LEF
R	2049	CLR	20			081	91	31	23	06		993		LEF
R	2050	CLR	20			073	90	33	20	10		994	210 05	LEF
R	2250	CLR	20			085	85	33	09	04		994		LEF
R	2350	CLR	20			094	84	34	15	05		994		LEF
									Σ	173				
									AV	7.2				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 15

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE NOAA NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 15

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600	78.0	56.9	26	0															0	8	010			00-01
01 50	26.600	77.0	56.3	27	0															0					01-02
02 50	26.600	76.0	56.0	28	0															0					02-03
03 46	26.615	73.2	55.0	31	0															0	3	.015			03-04
04 46	26.615	73.2	54.8	30	0															0					04-05
05 47	26.620	75.6	56.4	30	0															0					05-06
06 47	26.625	82.2	59.5	26	0															0	2	.010			06-07
07 48	26.635	89.0	63.6	25	0															0					07-08
08 47	26.625	93.6	65.0	21	0															0					08-09
09 48	26.615	97.6	63.8	14	0	0	AC	120												0	8	.010			09-10
10 47	26.595	101.0	65.9	15	1															1					10-11
11 47	26.575	100.7	65.1	13	1															1					11-12
12 47	26.565	103.5	65.9	12	1	1	AC	120												1	>	.050			12-13
13 46	26.555	102.4	65.0	12	1															1					13-14
14 49	26.540	103.3	65.1	11	0															0					14-15
15 50	26.525	102.8	63.8	10	0	0	AC	120												0	7	040			15-16
16 50	26.500	102.0	62.8	9	0															0					16-17
17 48	26.505	101.7	62.9	10	0															0					17-18
18 50	26.505	97.6	60.6	9	0															0	5	020			18-19
19 50	26.520	94.4	60.0	11	0															0					19-20
20 49	26.530	91.4	58.8	12	0															0					20-21
21 50	26.535	89.8	58.8	13	0															0	2	030			21-22
22 50	26.540	85.0	57.0	15	0															0					22-23
23 50	26.540	83.5	56.9	17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	TYPE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	81	73	X	X						X		
	0342	1	0	0	0	87	73		0								
	0945	2	0	0	0	98	72		0								
	1545	3	0	0	0	105	98		0								
	2145	4	0	0	0	103	90		0								
	MID.	X	0	0	0	90	84	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av 26.573			
STA. PRESS. 63	26.615	26.615	26.525	26.535
BAROGRAPH 64	26.590	26.610	26.520	26.525
BAR. CORR. 65	+.025	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	72	0	0	0	29	SW	1408					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 16

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NV

DATE: 1978 JUL 16

TO CONVERT LST TO GMT ADD 6 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
R	0048	CLR	20			085	84	31	12	02		994	102	LEF
R	0150	CLR	20			080	83	29	04	02		993		LEF
R	0250	CLR	20			081	84	34	25	04		993		LEF
R	0345	CLR	20			076	85	27	07	02		992	807 81 RADAT 31150	GH
R	0445	CLR	20			079	79	22	04	02		992		GH
R	0545	CLR	20			082	85	25	29	04		993		GH
R	0645	CLR	20			089	87	30	23	06		995	310	GH
R	0745	CLR	20			094	89	35	23	09		996		GH
R	0845	CLR	20			083	94	23	23	14		996		GH
R	0945	CLR	20			089	95	23	18	12		995	000 25	GH
R	1045	CLR	20			086	97	27	23	16	G23	994	PK WND 1926/12	GH
R	1145	CLR	20			083	99	27	21	15		993	TCU DSNT SE	GH
R	1245	CLR	20			070	101	28	21	14	G24	990	717 1200 / PK WND 1932/2	GH
R	1345	CLR	20			059	102	29	23	13	G23	986	TCU DSNT SE / PK WND	GH
/	/		/										2330/4C	/
R	1445	CLR	20			051	102	27	22	20	G28	984	PK WND 2430/27 TCU SE	GH
R	1550	CLR	20			047	101	28	17	12	G20	983	720 1200 03 PK WND 2024/29	
/	/	/	/			/	/	/	/	/	/	/	Radar 20161	WR
R	1650	CLR	20			095	100	26	20	20	G30	982	FEW CU DSNT SE PK WND 2036/34	WR
R	1750	CLR	20			041	99	28	20	12	G22	981	FEW CU DSNT SE PK WND 1924/18	WRL
R	1850	CLR	20			040	96	25	22	13	G23	981	607	WRL
R	1950	CLR	20			046	94	27	22	10	G20	983		WRL
R	2050	CLR	20			056	86	18	20	03		985		WRL
R	2150	CLR	20			056	63	20	00	00		985	114 03	WRL
R	2250	CLR	20			061	63	25	13	02		986		WRL
R	2350	CLR	20			067	79	23	09	02		986		WRL
									Σ 209					
									AV 8.7					

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 16

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 19[illegible] [illegible] 16

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.540	84.0	56.0	14	0															0	1	.005			00-01
01 50	26.525	83.0	55.2	14	0															0					01-02
02 50	26.530	83.8	56.9	17	0															0					02-03
03 45	26.520	84.5	55.3	12	0															0	8	.020			03-04
04 45	26.520	78.8	52.0	12	0															0					04-05
05 45	26.530	84.6	54.8	10	0															0					05-06
06 45	26.550	87.4	57.2	13	0															0	3	.030			06-07
07 45	26.560	89.0	59.0	15	0															0					07-08
08 45	26.560	94.3	58.2	8	0															0					08-09
09 45	26.558	95.1	58.5	8	0															0	0	.000			09-10
10 45	26.540	97.0	60.0	8	0															0					10-11
11 45	26.530	99.3	60.8	8	0															0					11-12
12 45	26.500	101.0	61.5	7	0	0	Cu	80												0	7	.050			12-13
13 45	26.470	101.5	61.8	8	0															0					13-14
14 45	26.450	101.8	61.5	7	0															0					14-15
15 50	26.440	101.4	61.7	8	0	0	Cu	60												0	7	.060			15-16
16 50	26.430	100.3	60.4	7	0															0					16-17
17 50	26.420	98.6	60.4	8	0															0					17-18
18 50	26.420	96.2	59.2	8	0															0	6	.020			18-19
19 50	26.440	93.6	58.7	9	0															0					19-20
20 50	26.460	93.3	55.0	8	0															0					20-21
21 50	26.460	93.2	53.3	10	0															0	1	.040			21-22
22 50	26.470	93.3	54.3	12	0															0					22-23
23 50	26.485	79.2	52.3	13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	85	81	X	X						X		
	0345	1	0	0	0	90	81		0								
	0945	2	0	0	0	97	75		0								
	1545	3	0	0	0	103	95		0								
	2145	4	0	0	0	102	63		0								
	MID.	X	0	0	0	83	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av = 26.493			
STA. PRESS. 63	26.520	26.530	26.440	26.460
BAROGRAPH 64	26.510	26.545	26.430	26.450
BAR. CORR. 65	+.010	-.005	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	75	0	0	0	32	80	1236					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 5 SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 17

MF1_10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 17

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	REPORTING INITIALS (15)
R	0050	CLR	20			062	77	26	33	04		986	002	WRC
R	0150	CLR	20			059	78	26	04	03		986		WRC
R	0250	CLR	20			061	77	26	60	00		987		WRC
R	0345	CLR	20			063	74	27	02	05		987	102 1400 72 RADAT 31148	GH
R	0445	CLR	20			072	73	28	04	04		988	TCU DSNT E-SE	GH
R	0545	CLR	20			077	78	30	33	01		991	TCU DSNT E	GH
R	0645	CLR	20			082	80	32	00	00		992	217 1100	GH
R	0745	CLR	20			084	88	29	28	07		993	CU DSNT SE	GH
R	0845	CLR	20			087	88	30	25	02		993	CU DSNT SE	GH
R	0945	CLR	20			085	93	27	19	08		993	103 1200 72	GH
R	1045	CLR	20			077	95	27	23	10		991	TCU DSNT SE	GH
R	1145	CLR	20			077	99	33	17	14		991	TCU DSNT SE	GH
R	1245	CLR	20			071	99	24	21	10 G21		988	814 1200	GH
R	1345	CLR	20			061	101	20	21	06 G17		986	TCU DSNT SE	GH
R	1445	CLR	20			059	101	25	21	12 G24		985	TCU DSNT SE	GH
R	1550	90 SCT	20			055	101	24	21	10 G22		984	714 1200 03 Radat 20158	WRC
R	1650	90 SCT	20			056	100	23	21	10 G18		984		WRC
R	1750	CLR	20			053	98	22	20	12 G20		983	CB DSNT NE MOUNTAIN E	WRC
R	1850	CLR	20			056	95	25	22	10 G14		984	CB NE MOUNT W / 500	WRC
R	1950	CLR	20			059	92	26	14	04		985		WRC
R	2050	CLR	20			063	87	21	20	04		987		WRC
R	2150	CLR	20			066	85	21	20	02		988	210 03	WRC
R	2250	CLR	20			067	81	21	36	04		988		WRC
R	2350	CLR	20			069	77	22	02	04		989		WRC
									E 146					
									AVG 6.1					

A synoptic observation, in WMO code format FM11D, is entered on the following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 17

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]
DATE: [illegible] 17
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.465	77.2	51.6	15	0															0	0	.005			00-01
01 50	26.465	78.2	52.5	14	0															0					01-02
02 50	26.470	77.4	52.7	16	0															0					02-03
03 45	26.470	73.6	51.0	18	0	0	Sc	80												0	1	.005			03-04
04 45	26.480	73.0	51.0	19	0															0					04-05
05 45	26.510	78.0	53.4	17	0															0					05-06
06 45	26.520	80.2	54.8	17	0	0	Cu	80												0	2	.050			06-07
07 45	26.530	88.0	57.0	12	0															0					07-08
08 45	26.530	88.3	57.5	12	0															0					08-09
09 45	26.530	93.0	58.6	10	0	0	Cu	80												0	1	.010			09-10
10 45	26.510	94.8	58.8	8	0															0					10-11
11 45	26.510	99.0	60.8	10	0															0					11-12
12 45	26.490	98.8	60.0	7	0	0	Cu	80												0	8	.040			12-13
13 45	26.470	101.3	60.1	5	0															0					13-14
14 45	26.460	100.8	60.8	7	0															0					14-15
15 50	26.450	100.6	60.5	6	1	1	Cu	90												1	7	.040			15-16
16 50	26.450	99.6	60.0	6	1															1					16-17
17 50	26.440	94.0	59.4	7	0															0					17-18
18 50	26.450	95.4	58.9	8	0															0	5	.000			18-19
19 50	26.455	92.2	58.2	9	0															0					19-20
20 50	26.470	87.0	55.0	9	0															0					20-21
21 50	26.480	85.2	54.3	9	0															0	2	.030			21-22
22 50	26.480	81.4	52.9	10	0															0					22-23
23 50	26.490	77.0	51.2	13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 42	TIME (L.S.T.) 43	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	79	72	X	X						X		
	0345	1	0	0	0	83	72		0								
	0945	2	0	0	0	94	72		0								
	1545	3	0	0	0	103	93		0								
	2145	4	0	0	0	102	83		0								
	MID.	X	0	0	0	85	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Adj 26.483			
STA. PRESS. 63	26.470	26.530	26.450	26.480
BAROGRAPH 64	26.460	26.530	26.459	26.460
BAR. CORR. 65	+.010	±0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	72	0	0	0	27	5	1254					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK:

* BAROGRAPH CHANGED

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

1978 JUL 18

MF1-10A (1-72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 18

TO CONVERT LST TO GMT ADD 6 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
R	0050	CLR	20			071	78	24	36	04		989	305	WRC
R	0150	CLR	20			070	77	22	02	03		989		WRC
R	0250	CLR	20			073	73	24	04	03		989		WRC
R	0345	CLR	20			074	74	25	04	04		990	302 72 RAOBS 32143	GH
R	0445	CLR	20			084	73	23	07	02		992		GH
R	0545	CLR	20			096	76	23	00	00		994		GH
R	0645	CLR	20			096	83	24	32	04		996	220	GH
R	0745	CLR	20			095	88	22	00	00		996		GH
R	0845	CLR	20			099	91	21	23	05		997		GH
R	0945	CLR	20			095	95	12	21	14		996	000 71	GH
R	1045	CLR	20			096	96	9	22	17		996		GH
R	1145	CLR	20			096	100	8	21	21		996	FEW AC PK WND 2226/21	GH
R	1245	CLR	20			092	99	10	25	12		995	803 1100	GH
R	1345	CLR	20			084	100	16	21	20		993		GH
R	1445	CLR	20			079	100	21	23	18		991	PK WND 2026/30	GH
R	1550	CLR	20			073	100	13	24	16	G22	990	PK WND 1528/03/717	/
/	/	/	/			/	/	/	/	/	/	/	1200 02 Radat 35154	WRC
R	1650	CLR	20			073	99	20	21	12	G22	989		WRC
R	1750	CLR	20			071	98	19	19	12	G20	989		WRC
R	1850	CLR	20			071	96	33	19	14		989	502	WRC
R	1950	CLR	20			076	88	24	19	05		991		WRC
R	2045	CLR	20			087	86	22	18	02		994		WRC
R	2145	CLR	20			089	83	19	00	00		994	215 02	WRC
R	2250	CLR	20			093	81	23	00	00		995		WRC
R	2350	CLR	20			090	82	24	18	05		995		WRC
									Σ	193				
									AV	8.0				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 18

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 18

To convert LST to GMT ADD 5 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	
00 50	26.495	76.2	52.2	13	0															0	3	.015			00-01
01 50	26.495	77.2	51.3	13	0															0					01-02
02 50	26.495	73.4	50.1	16	0															0					02-03
03 45	26.560	74.0	50.5	16	0															0	3	.005			03-04
04 45	26.520	72.5	48.5	16	0															0					04-05
05 45	26.540	76.0	51.0	14	0															0					05-06
06 45	26.560	83.0	54.0	11	0															0	2	.060			06-07
07 45	26.560	87.6	55.4	9	0															0					07-08
08 45	26.570	91.3	56.6	8	0															0					08-09
09 45	26.560	94.8	56.5	5	0															0	0	.000			09-10
10 45	26.560	96.0	56.7	4	0															0					10-11
11 45	26.560	100.0	58.0	3	0															0					11-12
12 45	26.550	99.2	58.0	4	0	0	CU	100												0	8	.010			12-13
13 45	26.530	99.7	58.0	5	0															0					13-14
14 45	26.510	99.8	59.7	6	0															0					14-15
15 50	26.500	100.4	58.6	4	0	0	CU	100												0	7	.050			15-16
16 50	26.490	99.0	57.3	6	0															0					16-17
17 50	26.490	98.0	58.4	6	0															0					17-18
18 50	26.495	95.6	61.0	11	0															0	5	.005			18-19
19 50	26.505	83.3	56.2	10	0															0					19-20
20 45	26.535	86.1	54.9	10	0															0					20-21
21 45	26.540	83.4	53.2	9	0															0	2	.045			21-22
22 50	26.550	81.1	53.1	12	0															0					22-23
23 50	26.550	82.4	53.8	12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		78	72										
	0345	1	0	0	0	85	72		0								
	0945	2	0	0	0	96	71		0								
	1549	3	0	0	0	102	95		0								
	2143	4	0	0	0	101	43		0								
	MID.		0	0	0	86	60										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1549	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	AV -26.525			
STA. PRESS. 63	26.520	26.560	26.500	26.540
BAROGRAPH 64	26.520	26.570	26.510	26.535
BAR. CORR. 65	±0	+.010	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	71	0	0	0	28	S	1503					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 19

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 19

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0050	CLR	20			082	88	25	20	11		993	803	~RC
R	0150	CLR	20			083	89	24	19	05		994		~RC
R	0245	CLR	20			085	82	22	24	02		994		~RC
R	0345	CLR	20			092	79	21	00	00		995	307 76 RADAT 27150	GH
R	0445	CLR	20			103	74	20	35	06		997		GH
R	0545	CLR	20			105	79	22	02	06		998		GH
R	0645	CLR	20			106	86	24	32	02		999	214	GH
R	0745	CLR	20			108	89	23	23	02		999		GH
R	0845	CLR	20			108	92	21	23	10		999	FEW C! SE	GH
R	0945	CLR	20			107	94	23	22	10		999	400 1001 73	GH
R	1045	CLR	20			104	97	24	21	10		998	FEW C. SE	GH
R	1145	CLR	20			094	100	27	22	14		996		GH
R	1245	CLR	20			088	100	23	21	16	G22	995	714	GH
R	1345	CLR	20			080	101	25	18	12	G20	993	PK WND 2026/17	GH
R	1445	CLR	20			074	101	24	19	16		991		GH
R	1552	CLR	20			071	102	19	21	14	G25	990	PKWND 2326/34/717	HG
—													03 RADAT 20162	—
R	1648	CLR	20			067	100	23	21	14		987		HG
R	1749	CLR	20			066	99	25	22	12	G18	987		HG
R	1853	CLR	20			063	95	24	22	08		987	607	HG
R	1947	CLR	20			073	90	26	22	04		990		HG
R	2047	CLR	20			076	88	28	20	05		991		HG
R	2147	CLR	20			080	90	20	16	08	G16	993	215 03	HG
R	2248	CLR	20			082	86	18	15	07		993		HG
R	2346	CLR	20			080	85	18	00	00		993		HG

Σ 197
AV 8.2

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s $9S_pS_pspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 19

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 19

To convert LST to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.530	67.6	56.0	10	0															0	8	.010			00-01
01 30	26.535	67.4	55.7	10	0															0					01-02
02 45	26.540	62.3	53.3	11	0															0					02-03
03 45	26.550	78.8	51.8	12	0															0	3	.020			03-04
04 45	26.570	79.3	49.6	13	0															0					04-05
05 45	26.580	78.2	52.0	12	0															0					05-06
06 45	26.590	85.7	55.0	10	0															0	2	.040			06-07
07 45	26.590	88.6	56.0	9	0															0					07-08
08 45	26.590	91.5	56.7	8	0															0					08-09
09 45	26.590	94.0	58.0	8	0	0	Ci	250												0	4	.000			09-10
10 45	26.580	97.3	58.5	7	0															0					10-11
11 45	26.560	100.0	61.0	8	0															0					11-12
12 45	26.550	100.3	60.3	6	0															0	7	.040			12-13
13 45	26.530	100.5	60.8	7	0															0					13-14
14 45	26.510	101.2	60.8	6	0															0					14-15
15 52	26.500	102.0	60.5	5	0															0	7	.050			15-16
16 48	26.480	100.2	60.2	6	0															0					16-17
17 49	26.480	98.6	60.0	7	0															0					17-18
18 53	26.480	95.4	58.7	8	0															0	6	.020			18-19
19 47	26.500	90.1	57.2	10	0															0					19-20
20 47	26.510	87.6	56.8	12	0															0					20-21
21 47	26.525	89.6	55.8	8	0															0	2	.045			21-22
22 48	26.530	86.2	54.2	8	0															0					22-23
23 46	26.535	85.4	53.8	8	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SFC. TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	88	76	X	X						X		
	0345	1	0	0	0	88	76		0								
	0945	2	0	0	0	85	73		0								
	1548	3	0	0	0	103	94		0								
	2144	4	0	0	0	102	86		0								
	MID.	X	0	0	0	90	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1552	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	AV = 26.541			
STA. PRESS. 63	26.550	26.590	26.590	26.535
BAROGRAPH 64	26.535	26.590	26.505	26.530
BAR. CORR. 65	+.015	±0	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	73	0	0	0	26	SW	1534 *					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK:

* LAST OF SEVERAL OCCURRENCES

MF1-10B

☆ U.S.GPO:1977-0-765-095/1131

1978 JUL 20

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE-WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV.

DATE: 1978 JUL 20

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (16)
R	0050	CLR	20			075	76	19	34	05		991	807	HG
R	0147	CLR	20			075	75	19	01	05		990		HG
R	0252	CLR	20			071	74	19	02	08		988		HG
R	0345	CLR	20			074	73	25	02	08		990	502 73 RADAT 20158	CG
R	0456	CLR	20			080	73	25	01	06		991		CG
R	0545	CLR	20			079	76	24	03	06		991		CG
R	0645	CLR	20			081	81	29	00	00		992	207	CG
R	0746	CLR	20			082	86	28	27	03		992		CG
R	0845	CLR	20			082	89	30	25	06		992		CG
R	0946	CLR	20			077	92	27	24	12		992	400 72	CG
R	1047	CLR	20			080	94	28	22	12		992		CG
R	1148	CLR	20			071	97	22	27	08		990		CG
R	1247	CLR	20			068	99	20	27	08		988	812	CG
R	1345	CLR	20			065	101	19	28	12		987		CG
R	1445	CLR	20			061	101	17	23	10	G21	986		CG
R	1548	CLR	20			050	101	7	22	12	G21	983	PKWND 2126/26/ 817	HG
—													03 RADAT 20159	—
R	1651	CLR	20			045	100	3	23	12	G18	981		HG
R	1749	CLR	20			045	99	-1	25	11		981		HG
R	1848	CLR	20			046	94	-1	27	05		982	503	HG
R	1948	CLR	20			058	85	8	00	00		984		HG
R	2051	CLR	20			060	84	0	04	02		985		HG
R	2146	CLR	20			061	80	7	01	07		985	112 03	HG
R	2249	CLR	20			065	79	9	04	07		987		HG
R	2352	CLR	20			072	81	7	01	06		989		HG
									Σ	171				
									AV	7.1				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s 95SpSpspsp $ZR_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 20

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WOMO, DESERT ROCK, NV

DATE: 1978 JUL 20

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.505	76.4	50.3	11	0															0	8	.020			00-01
01 47	26.500	74.5	49.5	12	0															0					01-02
02 52	26.490	73.5	49.1	13	0															0					02-03
03 45	26.500	72.8	50.0	16	0															0	5	.005			03-04
04 46	26.510	72.6	50.0	17	0															0					04-05
05 45	26.510	75.7	51.1	15	0															0					05-06
06 45	26.520	81.4	54.5	15	0															0	2	.020			06-07
07 46	26.520	85.6	56.0	12	0															0					07-08
08 45	26.520	88.6	57.5	12	0															0					08-09
09 46	26.520	91.5	58.0	10	0															0	4	.005			09-10
10 47	26.520	94.3	59.1	9	0															0					10-11
11 48	26.500	97.0	59.0	7	0															0					11-12
12 47	26.485	98.7	59.1	6	0															0	8	.035			12-13
13 45	26.475	100.5	59.7	5	0															0					13-14
14 45	26.465	101.4	59.6	5	0															0					14-15
15 48	26.435	101.0	58.3	3	0															0	8	.050			15-16
16 51	26.420	100.2	57.6	3	0															0					16-17
17 49	26.420	98.8	56.8	2	0															0					17-18
18 48	26.425	94.3	55.1	3	0															0	5	.010			18-19
19 48	26.450	84.5	52.1	5	0															0					19-20
20 51	26.460	84.0	51.0	4	0															0					20-21
21 46	26.460	80.0	50.0	6	0															0	1	.035			21-22
22 49	26.475	79.2	50.0	7	0															0					22-23
23 52	26.475	81.2	50.5	6	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	85	73	X	X						X		
	0343	1	0	0	0	90	73		0								
	0943	2	0	0	0	92	72		0								
	1544	3	0	0	0	103	92		0								
	2143	4	0	0	0	101	80		0								
	MID.	X	0	0	0	81	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av = 26.479			
STA. PRESS. 63	26.500	26.530	26.435	26.410
BAROGRAPH 64	26.500	26.540	26.455	26.465
BAR. CORR. 65	0	-.020	-.020	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	72	0	0	0	26	SW	1526					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 21

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 21

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVER'S INITIALS (15)
R	0046	CLR	20			075	77	10	00	00		990	114	[illegible]
R	0147	CLR	20			075	75	15	03	07		990		[illegible]
R	0247	CLR	20			079	72	17	15	03		991		[illegible]
R	0345	CLR	20			084	70	16	05	02		992	307 70 RADAT 21L146154	CG
R	0449	CLR	20			092	71	16	10	02		994		CG
R	0546	CLR	20			094	80	25	04	14		996		CG
R	0647	CLR	20			098	83	30	03	12		997	215	CG
R	0747	CLR	20			105	85	33	04	16		998		CG
R	0847	CLR	20			103	90	31	03	10		998		CG
R	0945	CLR	20			102	93	31	36	04		998	002 70	CG
R	1047	CLR	20			101	96	29	30	05		998		CG
R	1150	CLR	20			096	98	31	10	04		997		CG
R	1247	CLR	20			089	98	28	16	06		994	810	CG
R	1348	CLR	20			085	102	25	25	12		993		CG
R	1445	CLR	20			084	100	22	25	08		992		CG
R	1552	CLR	20			074	102	23	25	08		988	817 02 RADAT 20155	[illegible]
R	1646	CLR	20			070	100	23	25	09		987		[illegible]
R	1747	CLR	20			065	99	24	22	07		987		[illegible]
R	1846	CLR	20			070	95	23	24	04		988	500	[illegible]
R	1946	CLR	20			076	85	27	00	00		990		[illegible]
R	2046	CLR	20			086	83	20	02	02		993		[illegible]
R	2147	CLR	20			088	82	20	03	03		994	115 02	[illegible]
R	2247	CLR	20			090	79	22	10	02		995		[illegible]
R	2346	CLR	20			095	75	25	03	03		995		[illegible]
									Σ	143				
									AV	6.0				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIIII Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRrs $8N_xCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 21

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 Jul 21

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.500	76.7	49.0	8	0															0	1	.040			00-01
01 47	26.500	75.4	49.2	10	0															0					01-02
02 47	26.510	71.8	48.0	12	0															0					02-03
03 45	26.520	70.4	47.1	12	0															0	3	.020			03-04
04 49	26.540	70.9	47.4	12	0															0					04-05
05 46	26.555	79.8	53.0	13	0															0					05-06
06 47	26.565	82.9	55.5	15	0															0	2	.045			06-07
07 47	26.575	85.3	57.0	15	0															0					07-08
08 47	26.575	89.9	58.3	12	0															0					08-09
09 45	26.570	93.2	59.5	11	0															0	0	.005			09-10
10 47	26.570	95.9	60.0	9	0															0					10-11
11 50	26.560	97.6	60.9	9	0															0					11-12
12 47	26.540	98.2	60.5	8	0															0	8	.030			12-13
13 48	26.530	101.5	61.0	7	0															0					13-14
14 45	26.520	100.1	60.0	6	0															0					14-15
15 52	26.490	101.5	60.7	6	0															0	8	.050			15-16
16 46	26.480	100.2	60.2	6	0															0					16-17
17 47	26.480	99.2	60.0	7	0															0					17-18
18 46	26.490	95.3	58.5	7	0															0	5	.000			18-19
19 46	26.500	85.0	55.5	12	0															0					19-20
20 46	26.530	82.9	53.3	10	0															0					20-21
21 47	26.535	82.0	52.9	10	0															0	1	-.045			21-22
22 47	26.545	78.7	52.0	12	0															0					22-23
23 46	26.550	75.4	51.2	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	COAST OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		81	70										
	0343	1	0	0	0	81	70		0								
	0943	2	0	0	0	93	70		0								
	1548	3	0	0	0	102	93		0								
	2144	4	0	0	0	102	82		0								
	MID.		0	0	0	82	75										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1552	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	AV 26.529			
STA. PRESS. 63	26.520	26.570	26.490	26.535
BAROGRAPH 64	26.520	26.570	26.500	26.510
BAR. CORR. 65	0	*0	-.010	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	70	0	0	0	17	SW	1328					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 22

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 22

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0046	CLR	20			096	74	24	00	00		995	105	[illegible]
R	0146	CLR	20			092	75	22	07	02		995		[illegible]
R	0252	CLR	20			093	74	27	04	05		995		[illegible]
R	0345	CLR	20			098	72	26	19	02		997	303 72 RADAT 43146	CG
R	0449	CLR	20			108	69	27	00	00		999		CG
R	0548	CLR	20			111	73	32	00	00		000		CG
R	0647	CLR	20			112	81	30	24	02		001	214	CG
R	0745	CLR	20			118	87	30	00	00		002		CG
R	0845	CLR	20			116	94	29	00	00		002		CG
R	0945	CLR	20			115	96	31	24	08		002	103 69	CG
R	1045	CLR	20			112	99	31	27	08		001		CG
R	1145	50 SCT	20			108	100	29	20	08		000		CG
R	1250	50 SCT	20			101	101	30	30	06		998	*814 1300 *CB DSNT SE	CG
R	1345	50 SCT	20			094	101	29	20	02		996	CB DSNT SE	CG
R	1445	50 SCT	20			086	102	33	26	08		993	CB DSNT SE	CG
R	1548	CLR	20			080	101	32	20	09		991	720 1300 04 RADAT 35149	[illegible]
R	1646	CLR	20			077	102	32	22	08		990	TCU SE	[illegible]
R	1746	CLR	20			071	100	32	23	05		989	TCU E	[illegible]
R	1845	CLR	20			075	96	31	24	05		990	503 1900	[illegible]
R	1946	CLR	20			081	91	29	00	00		992		[illegible]
R	2046	CLR	20			088	90	38	19	04		995		[illegible]
R	2147	CLR	20			088	89	36	00	00		995	115 04	[illegible]
R	2247	CLR	20			089	89	34	32	02		995		[illegible]
R	2346	CLR	20			094	90	32	19	09		997		[illegible]
									Σ	93				
									AV	3.9				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRs.s $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 22

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 Jul 22

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.550	74.0	50.3	15	0															0	1	+.015			00-01
01 46	26.550	75.4	50.5	14	0															0					01-02
02 50	26.550	74.4	51.2	17	0															0					02-03
03 45	26.560	72.2	50.0	17	0															0	3	-.010			03-04
04 49	26.580	69.0	49.0	21	0															0					04-05
05 48	26.590	73.2	52.0	21	0															0					05-06
06 47	26.600	80.6	54.5	16	0															0	2	+.040			06-07
07 45	26.610	87.0	57.0	13	0															0					07-08
08 45	26.610	93.5	59.2	10	0															0					08-09
09 45	26.610	95.8	60.4	10	0															0	1	-.010			09-10
10 45	26.600	98.5	61.4	9	0															0					10-11
11 45	26.590	99.9	61.4	8	1															1					11-12
12 50	26.570	101.2	62.0	8	1	1	CB	50												1	8	+.040			12-13
13 45	26.550	100.8	61.7	8	1															1					13-14
14 45	26.530	102.0	63.0	9	1															1					14-15
15 48	26.510	101.0	62.3	9	0	0	CB	60												0	7	.060			15-16
16 46	26.500	101.5	62.5	9	0															0					16-17
17 46	26.490	100.2	62.0	9	0															0					17-18
18 45	26.500	96.2	60.5	10	0	0	CB	60												0	5	-.010			18-19
19 46	26.520	90.7	58.2	11	0															0					19-20
20 46	26.545	90.3	60.3	16	0															0					20-21
21 47	26.545	88.7	59.2	15	0															0	1	.045			21-22
22 47	26.550	89.2	58.7	14	0															0					22-23
23 46	26.565	89.8	58.5	13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 42	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	75	72	X	X						X		
	0343	1	0	0	0	82	72		0								
	0543	2	0	0	0	96	69		0								
	1544	3	0	0	0	104	96		0								
	2143	4	0	0	0	102	87		0								
	MID.	X	0	0	0	90	89	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1548	2147
ATT. THERM. 60				1.56
OBSRVD. BAR. 61				
TOTAL CORR. 62	AV -26.7			
STA. PRESS. 63	26.580	26.610	26.510	26.545
BAROGRAPH 64	26.580	26.580	26.500	26.520
BAR. CORR. 65	+.030	+.020	+.010	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	69	0	0	0	18	5	2320					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

1978 JUL 23

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 23

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00–36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
R	0049	CLR	20			094	86	31	08	05		997	107	~~JK~~
R	0151	CLR	20			095	84	30	27	02		997		~~JK~~
R	0252	CLR	20			098	80	29	09	02		997		~~JK~~
R	0348	CLR	20			096	77	37	00	00		997	400 76 RADAT 35140	JK
R	0445	CLR	20			104	74	34	00	00		998	SC E THRU SSE	JK
R	0548	CLR	20			108	77	36	07	03		000	CU E THRU S	JK
R	0647	CLR	20			113	83	38	01	01		002	CU E THRU S/215 1100	JK
R	0750	CLR	20			117	89	45	09	12		003	FEW CU	JK
R	0848	CLR	20			115	91	56	12	10		003	FEW CU	JK
R	0945	CLR	20			115	94	45	12	10		003	102 1100 74	JK
R	1047	CLR	20			107	97	46	14	06		001	TCU E AND SSE	JK
R	1146	CLR	20			099	100	41	21	08		998	CB E AND SSE RWU OCNL LTCCG SSE	JK
R	1250	90 SCT 250 SCT	20			095	102	38	18	04		997	CB NE-E-SSE STNRY/815 1302	JK
R	1348	90 SCT 250 SCT	20			091	102	37	18	09		996	CB NE-E-SSE STNRY	JK
R	1450	90 SCT 250 SCT	20			082	102	34	11	08		993	CB N-NE AND S	JK
R	1550	80 SCT 250 SCT	20			080	103	34	16	08		992	CB N-S/617 1902 04 RADAT 62148	DS
R	1650	E 80 BKN 250 BKN	20			076	103	35	22	03		990	CB N-NW VIRGA S	DS
R	1750	E 80 BKN 250 BKN	20			079	97	34	22	05		991	CB W-NW VIRGA NW	DS
R	1852	250 - BKN	20			081	94	37	18	03		992	500 1463	DS
R	1949	250 - BKN	20			084	90	38	11	01		993	FEW SC	DS
R	2047	250 - SCT	20			089	87	37	00	00		994		DS
R	2150	250 - SCT	20			097	86	37	09	03		994	107 1003 04	DS
R	2247	250 - SCT	20			095	84	35	00	00		996		
R	2347	120 SCT 250 - SCT	20			097	79	37	00	00		997		DS
									E	107				
									AJ	4.5				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 23

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WBMO, DESERT ROCK, NV

DATE: 1978 JUL 23

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.565	86.3	56.9	13	0															0	1	.020			00-01
01 51	26.565	84.2	56.0	14	0															0					01-02
02 52	26.570	80.2	54.2	16	0															0					02-03
03 48	26.565	76.7	55.0	24	0															0	4	.000			03-04
04 45	26.580	74.0	53.0	23	0															0					04-05
05 48	26.595	77.2	54.9	23	0															0					05-06
06 47	26.610	83.4	58.1	20	0	0	Cu	90												0	2	.045			06-07
07 50	26.620	88.9	62.5	22	0															0					07-08
08 48	26.615	91.0	65.0	25	0															0					08-09
09 45	26.615	93.8	64.1	19	0	0	Cu	90												0	1	.005			09-10
10 47	26.600	96.8	64.6	16	0															0					10-11
11 46	26.580	100.2	64.8	13	0															0					11-12
12 50	26.570	101.5	64.1	11	2	1	CB	90	1	Ci	250	2								2	8	.045			12-13
13 48	26.555	102.0	64.0	11	3															2					13-14
14 50	26.530	101.5	63.0	10	3															2					14-15
15 50	26.524	102.7	63.2	9	4	3	CB	80	1	Ci	250	4								3	6	.050			15-16
16 50	26.500	103.1	63.9	10	6	[illegible]														6					16-17
17 50	26.510	97.0	61.5	11	6															6					17-18
18 50	26.520	94.2	61.6	14	7	0	Sc	80	0	Ac	120	0	7	Ci	250	7				2	5	.000			18-19
19 49	26.530	90.4	60.5	16	6	[illegible]														3					19-20
20 47	26.540	87.0	59.0	17	5															2					20-21
21 50	26.540	86.9	58.6	18	3	3	Ci	250												1	1	0.20			21-22
22 47	26.560	84.9	57.3	18	2															1					22-23
23 47	26.565	78.7	55.9	22	4	[illegible]														2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	90	76	X	X						X		
	0346	2	0	0	0	90	76		0								
	0943	2	0	0	0	94	74		0								
	1544	3	0	0	0	104	78		0								
	2144	2	0	0	0	103	86		0								
	MID.	X	0	0	0	86	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0944	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	AVG 26.560			
STA. PRESS. 63	26.565	26.615	26.520	26.540
BAROGRAPH 64	26.540	26.595	26.495	26.515
BAR. CORR. 65	+.025	+.020	+.025	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	74	0	0	0	14	SE	1358					2			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 24

MF1-10A (1-72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE-WEATHER OBSERVATIONS

STATION: WBMO, DESERT ROCK, NV

DATE: JUL 24

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CODE INITIALS (15)
R	0048	120 SCT	20			099	81	40	30	02		997	310 1050	DS
R	0149	120 SCT	20			097	81	40	31	01		997		DS
R	0249	120 SCT	20			099	78	42	31	06		997		DS
R	0347	E 120 BKN	20			098	81	46	00	00		997	400 1060 76 RADAT 28148	JK
R	0445	120 SCT	20			101	79	41	09	03		998		JK
R	0546	100 SCT	20			115	80	44	36	01		002		JK
R	0645	CLR	20			116	83	42	27	02		003	315 1071	JK
R	0746	CLR	20			116	88	43	00	00		003		JK
R	0847	CLR	20			117	92	42	00	00		003	CU SSE	JK
R	0946	CLR	20			117	94	42	00	00		003	102 1101 76	JK
R	1049	CLR	20			109	97	43	24	02		001	CB NW-N AND SSE	JK
R	1146	90 SCT	20			108	100	40	11	03		999	CB NW-N AND SSE	JK
R	1247	90 SCT 250 SCT	20			100	101	39	10	02		998	CB ALQDS RWU 51815 1902	JK
R	1348	90 SCT E250 BKN	20			098	98	41	18	02		997	CB ALQDS RWU SW	JK
R	1450	90 SCT E250 BKN	20			091	100	42	19	10		996	CB ALQDS RWU SW	JK
R	1550	90 SCT E 250 BKN	20			087	98	42	20	12		994	CB ALQDS RWU SW/712 1902 04	DS
							—	—				—	RADAT 3F15K	DS
R	1646	M90 BKN 250 BKN	20			091	93	50	21	17G	24	994	CB ALQDS RWU AND VIRGA SW-N	DS
R	1749	90 SCT E250 BKN	20			101	91	54	26	08G	15	997	CB SW-E VIRGA SW-NE	DS
R	1852	80 SCT 250 SCT	20			110	90	51	26	06		000	TCU S OF STN VIRGA NW/389 1903	DS
S	1923	E 80 BKN 250 BKN	20		T				30	05		000	TB20 LTGIC SW-S MOVG NW	DS
R	1950	E 80 BKN 250 BKN	20		T	117	85	53	17	10		002	TB22 FQT LTGICCC SE-S MOVG WNW	DS
S	2010	E 80 BKN 250 BKN	20		TRW-				20	12G	23	003	RB05 FQT LTGICCC SE-S	DS
R	2047	E 80 BKN	20		T	131	78	61	21	07G	18	006	RE40 LTGCG DSNT SW MOVG W	DS
R	2148	E 80 BKN	20			131	79	62	21	02		006	TE30 LTGIC SW/11900 1900 04	DS
R	2247	80 SCT 250-SCT	20			130	79	61	06	02		007	DSNT LTG SW	DS
R	2348	80 SCT 120 SCT 250-BKN	20			131	77	64	09	02		007		DS
									Σ	100				
									AV	4.2				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.x $8N_sCh\ h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 24

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION

DATE 1978 Jul 24

To convert LST to GMT ADD hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.570	81.3	58.0	23	5	5	Ac	120												4	3	0.30			00-01
01 47	26.570	81.1	58.0	23	3															3					01-02
02 49	26.590	78.3	57.0	26	3															3					02-03
03 47	26.570	81.2	60.1	29	6	6	Ac	E120												5	4	.000			03-04
04 45	26.580	78.5	57.1	26	4															4					04-05
05 46	26.610	80.3	59.0	28	2															2					05-06
06 45	26.615	83.3	59.3	24	0	0	Ac	100	0	Ci	250	0								0	3	.045			06-07
07 46	26.615	88.0	61.4	21	0															0					07-08
08 47	26.620	92.1	62.5	18	0															0					08-09
09 45	26.620	94.1	63.1	17	0	0	Cu	90	0	Ci	250	0								0	1	.005			09-10
10 49	26.600	96.5	64.2	16	0															0					10-11
11 46	26.580	99.8	64.3	13	1															1					11-12
12 47	26.575	100.5	64.2	12	3	2	CB	90	1	Ci	250	3								2	8	.045			12-13
13 48	26.570	98.2	64.1	14	7															6					13-14
14 50	26.550	100.2	65.1	14	7															5					14-15
15 50	26.540	98.2	64.7	15	8	5	CB	90	3	Ci	E250	8								6	7	.035			15-16
16 46	26.540	93.2	65.7	23	9															7					16-17
17 49	26.565	90.5	65.0	25	6															5					17-18
18 52	26.590	89.6	65.0	27	5	4	CB	80	1	Ci	250	5								4	3	.050			18-19
19 50	26.610	84.7	64.3	33	7															7					19-20
20 48	26.645	78.0	66.4	56	8															8					20-21
21 48	26.645	79.4	67.9	55	9	9	CB	E80												9	1	.055			21-22
22 49	26.650	79.2	66.9	54	4															2					22-23
23 48	26.650	77.4	68.0	63	8															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	PLACE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	81	76	X	X						X		
	0345	1	0	0	0	86	76		0								
	0943	2	0	0	0	95	78		0								
	1544	3	0	0	0	104	94		0								
	2145	4	T	0	0	99	74		0								
	MID.	X	0	0	0	80	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av 26.594			
STA. PRESS. 63	26.570	26.620	26.540	26.645
BAROGRAPH 64	26.555	26.600	26.535	26.625
BAR. CORR. 65	+.015	+.020	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	74	T	0	0	24	W	1645					3			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1920	2130			
RW-	2005	2040			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 25

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 25

TO CONVERT LST TO GMT ADD 7 hrs.

SURFACE-WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	INDICATOR (15)
R	0050	90 SCT 130 SCT 250 SCT	20			133	76	63	03	03		008	305 1463	DS
R	0146	90 SCT 130 SCT 250 - BKN	20			135	77	59	0000			008		DS
R	0250	90 SCT 130 SCT 250 - BKN	20			135	76	60	0000			008		DS
R	0348	90 SCT 130 SCT 250 - BKN	20			136	75	60	0000			008	400 1473 74 RADAT 74144	JK
R	0445	130 SCT 250 - BKN	20			141	73	61	09	03		008		JK
R	0546	160 SCT 250 SCT	20			148	76	59	09	02		010		JK
R	0655	250 SCT	20			153	81	60	00	00		012	212 1073	JK
R	0745	160 SCT 250 SCT	20			152	86	55	00	00		012	FEW CU	JK
R	0847	160 SCT E250 BKN	20			157	87	57	21	10		013	TCU SSE	JK
R	0945	160 SCT E 250 BKN	20			158	88	56	21	07		013	TCU SSE/303 1256 73	JK
R	1047	90 SCT 160 SCT E250 BKN	20			153	90	57	23	12		012	CB SSE-S RWU S	JK
R	1146	90 SCT 160 SCT E 250 BKN	20			153	88	57	20	10		012	CB ALQDS RWU SOCNL LTGIC S	JK
R	1248	90 SCT 160 SCT E250 BKN	20			149	87	57	21	08		010	CB ALQDS RWU S/7 10 1956	JK
R	1347	90 SCT 160 SCT E 250 BKN	20			141	90	54	22	06		008	CB ALQDS RWU SE-S	JK
R	1450	90 SCT 160 SCT E 250 BKN	20			141	90	53	21	08		007	CB ALQDS RWU SE-S AND WSW	JK
R	1549	90 SCT E160 BKN 250 BKN	20			132	90	54	21	09		005	CB ALQDS RWU SE/714 1952 92 RADAT 75146	DS
R	1651	90 SCT 120 SCT 250 - BKN	20			136	87	58	22	12		005	CB DSNT SW TCU N-SE	DS
R	1748	90 SCT 120 SCT 250 - BKN	20			138	85	56	21	08		006	CB DSNT SW	DS
R	1850	150 SCT 300 - BKN	20			140	85	58	24	03		008	307 1076	DS
R	1948	E150 BKN 300 - OVC	20			145	82	57	36	04		009	DSNT LTGIC E	DS
R	2046	E150 BKN 300 OVC	20			152	83	57	34	05		012	DSNT LTG E BINOVC	DS
R	2151	E150 BKN 300 OVC	20			159	82	56	02	06		014	LTGIC E/219 1978 92	DS
RS	2248	90 SCT E150 BKN 300 OVC	20		TKW-	160	80	57	11	18	24	014	TB43 RADAT LTGIC E AND NW	DS
RS	2350	90 SCT E 150 OVC	20			158	73	61	10	17		012	RE1C TE40 OCNL LTG W-NW	DS
													KKWND 1951-0625	
									Σ	151				
									AV	6.3				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 25

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NM

DATE: 1978 Jul 25

To convert LST to GMT ADD hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.660	76.3	67.5	64	5	3	Sc	90	1	Ac	130	4	1	Ci	250	5				3	3	.015			00-01
01 46	26.660	77.6	64.8	53	8															4					01-02
02 50	26.660	76.1	65.6	58	6															3					02-03
03 48	26.660	74.5	65.0	60	6	2	Sc	90	1	Ac	130	3	3	Ci	250	6				3	4	.000			03-04
04 45	26.665	73.2	65.2	66	6															3					04-05
05 46	26.680	75.8	64.4	56	3															2					05-06
06 55	26.700	80.8	66.6	49	1	0	Ac	160	1	CS	250	1								1	2	.040			06-07
07 45	26.700	86.0	66.0	35	4															3					07-08
08 47	26.705	87.3	67.1	36	8															6					08-09
09 45	26.710	88.4	67.1	34	8	0	CU	90	3	AC	160	3	5	CS	E250	8				6	3	.010			09-10
10 47	26.700	90.0	68.0	33	8															6					10-11
11 46	26.695	87.5	67.1	35	8															6					11-12
12 48	26.680	87.2	67.2	36	9	2	CB	90	3	AC	160	5	4	CS	E250	9				6	7	.030			12-13
13 47	26.665	89.5	66.3	30	8															6					13-14
14 50	26.660	89.9	66.1	29	8															6					14-15
15 49	26.640	89.7	66.6	30	9	3	Cb	90	3	Ac	E160	6	3	CS	250	9				7	7	.040			15-16
16 51	26.640	87.0	67.5	37	8															4					16-17
17 48	26.650	85.2	66.0	37	7															3					17-18
18 50	26.660	84.5	66.7	40	7	3	Ac	150	4	Ci	300	7								3	3	.020			18-19
19 48	26.675	82.0	65.3	42	10															4					19-20
20 46	26.700	83.0	66.0	42	10															6					20-21
21 51	26.715	81.7	65.0	42	10	0	Cb	90	7	Ac	E150	7	3	CS	300	10				9	2	.055			21-22
22 48	26.720	80.4	65.2	45	10	[illegible]														9					22-23
23 50	26.700	73.3	64.8	65	10															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		77	74										
	0346	1	0	0	0	80	74		0								
	0943	2	0	0	0	89	73		0								
	1547	3	0	0	0	92	86		0								
	2148	4	0	0	0	90	88		0								
	MID.		T	0	0	82	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0944	1547	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av -26.681			
STA. PRESS. 63	26.660	26.710	26640	26715
BAROGRAPH 64	26.650	26.700	26630	26700
BAR. CORR. 65	+.010	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	70	T	0	0	31	E	2255					69			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
TT	2243	2340			
RW-	2247	2310			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 26

MF1-10A
(1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO DESERT ROCK NV

DATE: 1978 JUL 26

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0050	E 150 BKN 300 BKN	20			149	76	60	04	09		010	812 1472	DS
R	0147	E 150 BKN	20			150	75	58	01	05		011	LTGIC W-NW	DS
R	0250	150 SCT	20			149	74	59	09	07		010		JK
R	0350	150 SCT	20			150	72	59	00	00		010	400 1050 720 RADAT 77153	JK
R	0446	E 150 BKN	20			157	73	61	00	00		012		JK
R	0550	90 SCT E 150 BKN	20			164	75	59	03	04		014		JK
R	0648	90 SCT E 150 BKN	20			165	77	58	00	00		014	214 1450	JK
R	0746	150 SCT E 250 BKN	20			167	81	57	28	02		015	Cu SSE	JK
R	0847	90 SCT 150 SCT E 250 BKN	20			164	85	57	10	14		015		JK
R	0949	E 250 BKN	20			161	87	57	11	14		014	000 1158 740	JK
R	1047	150 SCT E 250 BKN	20			156	88	58	09	10		013	Cu BLDG ALQDS	JK
R	1148	90 SCT 150 SCT E 250 BKN	20			154	87	57	09	06		011	TCU NW AND SE	JK
R	1247	90 SCT E 140 BKN 250 BKN	20			144	90	57	11	09		008	TCU ALQDS RWU SE/817 1258	JK
R	1345	90 SCT 140 SCT E 250 BKN	20			138	91	57	12	09		007	CB NW AND SE RWU SE TCU SW	JK
R	1446	90 SCT 140 SCT E 250 BKN	20			125	92	56	22	08		003	CB E TCU ALQDS	JK
R	1550	90 SCT E 140 BKN 250 BKN	20			114	94	52	29	05		000	CB E/727 1958 95 RADAT 43154	DS
R	1652	90 SCT E 140 BKN	20			105	94	53	21	05		998	CB SW MOVT UNK TCU ALQDS	DS
R	1750	90 SCT 140 SCT	20			106	94	50	13	05		998	CB S AND W	DS
R	1846	90 SCT 140 SCT	20			109	90	56	10	11		999	TCU AND CB S-W/503 1930	DS
R	1950	90 SCT E 140 BKN	20			111	89	56	11	08		000	CB S-SW CCNL LGTICCG SSE	DS
R	2050	90 SCT 140 SCT	20			111	85	52	09	08		000		DS
R	2147	140 SCT	20			109	87	56	09	06		000	103 1450 95	DS
R	2248	CLR	20			114	85	56	00	00		001	FEW SCTD CLDS	DS
R	2348	CLR	20			115	81	56	04	06		001		DS
									Σ	151				
									AV	6.3				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRss $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 26

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: ROMO, DESERT ROCK

DATE: 1978 JUL 26

To convert LST to GMT ADD hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.)	HR.
00 50	26.685	75.4	65.0	57	7	0	Sc	80	6	Ac	E150	6	1	Ci	300	7				5	5	.035			00-01
01 49	26.675	75.2	64.0	55	7															5					01-02
02 50	26.680	73.6	63.8	60	5															4					02-03
03 50	26.680	72.0	63.7	64	5	5	Ac	150												4	4	.000			03-04
04 46	26.700	73.1	64.6	66	7															7					04-05
05 50	26.715	75.1	64.7	58	7															7					05-06
06 48	26.720	77.1	64.8	52	7	2	Sc	90	5	Ac	E150	7								7	2	.040			06-07
07 46	26.730	80.8	65.1	44	6															5					07-08
08 47	26.725	84.8	66.2	39	8															6					08-09
09 49	26.720	87.0	67.0	36	8	0	Cu	90	0	Ac	150	0	8	CS	E250	8				6	0	.000			09-10
10 47	26.705	88.0	68.0	36	7															5					10-11
11 48	26.690	87.2	67.1	36	6															5					11-12
12 47	26.670	89.8	68.0	33	8	1	Cu	90	5	Ac	E140	6	2	CS	250	8				7	8	.050			12-13
13 45	26.655	91.2	68.2	32	7															5					13-14
14 46	26.620	91.2	68.1	30	7															5					14-15
15 50	26.590	94.2	66.8	24	7	1	Cu	90	5	Ac	E140	6	1	CS	250	7				5	7	.080			15-16
16 52	26.570	93.7	67.0	25	8															7					16-17
17 50	26.570	94.0	66.0	23	5															4					17-18
18 48	26.580	90.0	67.5	32	3	1	Cu	90	2	Ac	140	3								2	5	.010			18-19
19 50	26.590	89.0	67.3	33	6															5					19-20
20 50	26.590	85.3	64.2	32	5															4					20-21
21 49	26.590	86.8	66.9	35	2	0	Sc	90	2	Ac	140	2								2	1	.010			21-22
22 48	26.600	84.9	65.8	37	0															0					22-23
23 48	26.600	81.0	64.8	43	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		76	72										
	0348	1	T	0		82	70		0								
	0947	2	0	0	0	88	71		0								
	1545	3	0	0	0	95	86		0								
	2143	4	0	0	0	95	85		0								
	MID.		0	0	0	87	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1545	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av = 26.645			
STA. PRESS. 63	26.680	26.720	26.590	26.570
BAROGRAPH 64	26.680	26.710	26.580	26.570
BAR. CORR. 65	±0	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	71	0	0	0	17	E	0853					7			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 27

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1978 JUL 27

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SOURCE INDICATOR (15)
R	0048	140 SCT 220 SCT	20			111	81	57	01	01		000	400 1035	US
R	0148	140 SCT	20			109	79	56	12	03		999		US
R	0248	90 SCT E140 BKN	20			108	80	61	09	03		999		US
R	0355	90 SCT E120 BKN	20			109	78	58	03	02		999	502 1550 78 RADAT 9012	RD
R	0451	90 SCT E120 BKN	20			114	78	59	10	02		000		RD
R	0550	90 SCT 120 SCT	20			115	79	58	12	02		001		RD
R	0650	90 SCT 120 SCT	20			110	83	59	10	03		000	002 1150	RD
R	0748	120 SCT	20			113	85	59	32	02		001	CU S	RD
R	0848	80 SCT 120 SCT	20			114	89	59	36	02		001	TCU NNW	RD
R	0947	80 SCT	20			112	90	57	23	02		001	TCU NW-S VIRGA SE/103	—
—			—					55				—	1200 75	RD
R	1052	80 SCT	20			100	93	54	11	05		998	CB NW-SE STNRY RWU SE	RD
R	1151	E80 BKN	20			100	92	58	11	18G24		997	CB NW-S MOVG N	RD
R	1246	80 SCT	20			089	94	55	08	05		994	CB NW-S MOVMT UNK/720 1900	RD
R	1351	E80 BKN	20			077	98	52	19	12G23		991	CB NW-SE MOVG NLY	RD
R	1452	E80 BKN	20			077	96	53	14	12		991	CB N E-SE MOVG N	RD
R	1548	80 SCT	20			072	98	44	16	10		989	CB N-E-SE MOVG N/715	HR
/							/	/					1900 00 RADAT 63153	/
R	1646	80 SCT	20			068	99	44	19	12		988	CB DSNT N-E-SE TCU NE	MR
R	1747	80 SCT	20			069	95	44	20	10		988	CB NE AND SE TCU W	MR
R	1847	80 SCT 140 SCT	20			072	93	44	27	05		989	CB NE DSPTG CB SE/	MR
/							/	/					500 1960	/
R	1945	90 SCT	20			082	88	56	03	10		992		MR
R	2046	CLR	20			087	87	54	06	04		994	DSNT CB OCNL LTGIC NE	MR
R	2150	CLR	20			092	82	50	09	02		994	DSNT CB OCNL LTGIC NE/	MR
/							/	/					115 1900 00	/
R	2249	CLR	20			096	81	52	08	03		996	DSNT CB OCNL LTGIC NE	MR
R	2349	CLR	20			099	79	53	34	04		997		MR
									E	134				
									AV	5.6				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 JUL 27

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 27

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.590	81.0	65.0	43	4	2	Ac	140	2	Ci	220	4								2	4	0.00			00-01
01 48	26.585	79.2	64.1	45	3															2					01-02
02 48	26.580	80.0	66.9	52	7															6					02-03
03 55	26.585	78.2	65.0	51	6	2	Cu	90	4	Ac	120	6								6	5	.005			03-04
04 51	26.595	77.5	65.2	53	6															6					04-05
05 50	26.600	79.0	65.0	48	3															3					05-06
06 50	26.590	82.9	67.1	44	2	2	Cu	90	0	Ac	120	2								2	0	.005			06-07
07 48	26.600	85.3	67.6	41	1															1					07-08
08 48	26.600	88.7	68.6	37	3															2					08-09
09 47	26.600	89.8	68.8	34	4	4	Cu	80												4	1	.010			09-10
10 52	26.570	93.2	68.1	35	5															5					10-11
11 51	26.565	92.2	68.9	32	6															6					11-12
12 46	26.540	94.1	63.4	27	4	4	CB	80												4	7	.060			12-13
13 51	26.510	98.3	69.1	21	6															6					13-14
14 52	26.510	96.1	68.0	24	6															6					14-15
15 48	26.495	97.9	65.0	16	2	2	CB	80												2	7	.045			15-16
16 46	26.485	98.6	65.1	16	3															3					16-17
17 47	26.485	95.2	64.1	18	3															3					17-18
18 47	26.495	93.2	63.3	18	2	2	CB	80	0	Ac	140	2								2	5	.000			18-19
19 45	26.520	88.3	66.4	33	1															1					19-20
20 46	26.535	86.5	65.6	33	0															0					20-21
21 50	26.540	82.0	62.2	33	0	0	CB	90												0	1	.045			21-22
22 49	26.555	80.5	62.6	38	0															0					22-23
23 48	26.560	78.7	62.2	40	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		81	78										
	0315	1	0	0	6	87	78		0								
	0943	2	0	0	0	90	75		0								
	1543	3	0	0	0	100	90		0								
	2143	4	0	0	0	100	82		0								
	MID.		0	0	0	82	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0946	1546	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av = 26.5			
STA. PRESS. 63	26.585	26.600	26.495	26.540
BAROGRAPH 64	26.565	26.580	26.475	26.525
BAR. CORR. 65	+.020	+.020	+.020	+.035

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	75	0	0	0	24	E	1140					4			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 28

MF1-10A
(1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 28

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	NEG. ENTRIES INVERTED (14)
R	0047	160 SCT	20			097	78	52	09	04		996	005 1050	MR
R	0146	160 SCT	20			101	76	53	05	04		998		MR
R	0247	160 SCT	20			104	76	54	10	02		998		MR
R	0346	160 SCT	20			102	76	53	10	04		998	105 1070 73 RADAT	MR
/		—	—			—	—	—	—	—		—	63144	/
R	0451	90 SCT	20			109	74	54	12	02		000		RD
R	0548	100 SCT	20			115	77	55	10	02		001		RD
R	0648	100 SCT	20			117	81	54	06	00		001	214 1050	RD
R	0750	120 SCT	20			120	82	56	31	02		003		RD
R	0851	120 SCT	20			116	90	52	25	02		002	FEW CU SE	RD
R	0951	120 SCT	20			112	95	52	20	08		001	803 1150 73	RD
R	1050	60 SCT 120 SCT	20			114	93	51	17	10		001	TCU SE	RD
R	1146	60 SCT	20			107	94	53	19	08 G16		999	CB NE-SE MOVG NE RWY 3E	RD
R	1252	60 SCT	20			107	97	48	23	12		999	CB NE SE MOVG NE RWY	/
—			—			—	—					—	SE / 605 1900	RD
R	1350	E60 SCT	20			097	100	46	15	04		996	CB NE SE MOVG NE	/
—			—			—						—	PK WND 1927/20	RD
R	1450	80 SCT 200 SCT	20			098	99	43	14	07		997	CB SE MOVMT UNK	MR
R	1550	80 SCT E140 BKN	20			101	96	50	08	14		997	CB NE AND SE / 507	MR
		—	—			—	—	—	—	—		—	1960 02 RADAT 95146	/
R	1646	80 SCT E140 BKN	20			099	95	51	09	11		996	CB NE AND SE	MR
R	1747	80 SCT E140 BKN	20			100	92	53	10	10		997		MR
R	1844	80 SCT 140 SCT	20			103	91	52	10	10		998	CB S ACSL SE / 302	MR
/		—				—	—	—	—	—		—	1910	—
R	1947	80 SCT E140 BKN	20			107	88	52	13	06		999		MR
R	2048	140 SCT	20			112	86	53	14	07		001		MR
R	2148	CLR	20			113	83	52	03	05		002	112 1070 02	MR
R	2246	CLR	20			117	83	50	14	03		003	FEW AC	MR
R	2346	CLR	20			120	81	53	09	03		003		MR
									Σ	140				
									AV	5.8				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 28

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 28

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Inc.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Inc.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Inc.) 40	HR.
0047	26.535	77.5	61.6	41	2	2	Ac	160												2	0	.015			00-01
0146	26.570	76.4	61.5	44	1															1					01-02
0247	26.570	75.9	61.9	47	1															1					02-03
0346	26.570	75.5	61.5	46	1	1	Ac	160												1	1	.015			03-04
0451	26.590	73.6	61.0	50	2															2					04-05
0548	26.600	76.9	62.8	47	3															3					05-06
0648	26.610	80.9	63.7	40	1	1	Ac	100												1	2	.040			06-07
0750	26.615	82.0	64.8	41	2															2					07-08
0851	26.610	89.9	65.8	27	2															2					08-09
0951	26.600	95.0	67.0	23	3	0	Cu	80	3	Ac	120	3								3	8	.010			09-10
1050	26.600	93.0	65.9	24	5															5					10-11
1146	26.585	94.4	67.3	25	4															4					11-12
1252	26.585	96.8	66.0	19	5	5	CB	60												5	6	.015			12-13
1350	26.560	99.8	66.2	16	6															6					13-14
1450	26.565	99.3	65.1	15	5															5					14-15
1550	26.565	95.8	66.6	21	7	5	CB	80	2	Ac	F140	7								7	5	.020			15-16
1648	26.555	95.2	66.7	22	7															7					16-17
1747	26.560	92.3	66.6	26	6															6					17-18
1849	26.570	90.6	65.6	27	4	3	CB	80	1	Ac	140	4								4	3	.005			18-19
1947	26.580	88.2	65.1	29	7															7					19-20
2048	26.600	85.5	64.6	33	2															2					20-21
2148	26.605	82.7	63.4	35	0	0	Ac	140												0	1	.035			21-22
2249	26.615	83.1	62.7	32	0															0					22-23
2349	26.620	81.3	63.1	37	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Inc.) 44	SNOW FALL (Inc.) 45	SNOW DEPTH (Inc.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		79	73										
	0343	1	0	0	0	82	73		0								
	0945	2	0	0	0	95	73		0								
	1544	3	0	0	0	102	93		0								
	2143	4	0	0	0	98	83		0								
	MID.		0	0	0	83	81										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0949	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Av 26.58			
STA. PRESS. 63	26.570	26.600	26.565	26.605
BAROGRAPH 64	26.540	26.580	26.535	26.585
BAR. CORR. 65	+.030	+.015	+.030	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Inc.) 68	24-HR. SNOWFALL UNMLTD (Inc.) 69	SNOW DEPTH (Inc.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Inc.) 74	FROZEN GROUND LAYER (Inc.) TOP 75	FROZEN GROUND LAYER (Inc.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Inc.) 80	81
102	73	0	0	0	27	S	1320					4			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 29

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 29

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
R	0047	150 SCT	20			118	80	52	09	04		003	105 1050	MR
R	0147	140 SCT	20			118	78	52	31	03		003		MR
R	0250	140 SCT	20			122	75	51	09	03		004		RD
R	0352	CLR	20			124	75	51	00	00		004	102 1050 74 RADAT 79148	RD
R	0450	CLR	20			131	73	54	04	03		005		RD
R	0550	CLR	20			136	75	53	02	02		007		RD
R	0652	CLR	20			140	81	55	00	00		008	214 1050	RD
R	0750	CLR	20			137	85	53	00	00		009		RD
R	0850	CLR	20			135	90	52	15	03		008	CU SE	RD
R	0951	CLR	20			134	93	50	10	03		007	803 1100 72	RD
R	1051	CLR	20			125	97	48	21	08		005	CB NE MOUNT UNK	RD
R	1150	80 SCT	20			122	98	47	27	05	G16	004		RD
R	1250	80 SCT	20			119	98	44	22	12		003	712 1100	RD
R	1352	80 SCT	20			114	101	42	18	10		001		RD
R	1453	80 SCT	20			106	101	39	22	11	G21	999	PK WIND 2726/17	RD
R	1549	80 SCT	20			105	101	39	22	11	G20	999	TCU N-E/614 1200 03	MR
/	—	—	—			—	—	—	—	—	—		RADAT 63151	/
R	1647	80 SCT 130 SCT	20			102	100	40	23	10		998	TCU E	MR
R	1750	CLR	20			098	100	39	22	11		997	FEW CU AC	MR
R	1848	CLR	20			101	96	39	21	05		998	502 1100	MR
R	1945	CLR	20			105	91	38	10	02		999	FEW AC	MR
R	2048	CLR	20			108	86	37	36	02		000		MR
R	2148	CLR	20			110	83	38	35	02		000	207 03	MR
R	2248	CLR	20			110	84	36	36	04		001		MR
R	2347	CLR	20			108	81	35	03	04		000		MR
									Σ	118				
									AV	4.9				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 29

MF1—10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 29

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.620	80.2	62.3	37	1	1	Ac	150												1	1	.015			00-01
01 47	26.620	77.9	61.5	40	1															1					01-02
02 50	26.625	75.0	60.3	44	1															1					02-03
03 52	26.625	75.1	60.0	42	0	0	Ac	140												0	1	.005			03-04
04 50	26.640	72.6	60.9	52	0															0					04-05
05 50	26.650	75.2	61.0	46	0															0					05-06
06 52	26.665	81.2	64.0	40	0	0	Ac	140												0	2	.040			06-07
07 50	26.690	85.4	64.8	34	0															0					07-08
08 50	26.660	90.0	63.8	28	0															0					08-09
09 51	26.655	92.7	65.4	23	0	0	Cu	80												0	8	.010			09-10
10 51	26.640	96.9	66.1	19	0															0					10-11
11 50	26.630	98.0	66.0	18	1															1					11-12
12 50	26.620	98.2	65.0	16	4	4	Cu	80												4	7	.035			12-13
13 52	26.600	100.6	65.2	14	5															5					13-14
14 53	26.585	101.0	64.2	12	3															3					14-15
15 49	26.580	101.2	64.4	12	3	3	Cu	80												3	6	.040			15-16
16 47	26.570	100.3	64.1	13	2															2					16-17
17 50	26.565	99.5	63.9	13	0															0					17-18
18 48	26.575	95.7	62.6	14	0	0	Cu	80												0	5	.005			18-19
19 45	26.580	90.6	60.5	16	0															0					19-20
20 48	26.590	86.2	58.7	18	0															0					20-21
21 48	26.595	82.7	57.6	20	0															0	2	.020			21-22
22 48	26.600	83.9	57.6	18	0															0					22-23
23 47	26.595	81.3	56.2	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	81	74	X	X						X		
	0346	1	0	0	0	83	74		0								
	0944	2	0	0	0	94	72		0								
	1543	3	0	0	0	103	92		0								
	2143	4	0	0	0	102	83		0								
	MID.	X	0	0	0	84	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Avg 26.614			
STA. PRESS. 63	26.625	26.655	26.580	26.595
BAROGRAPH 64	26.600	26.655	26.580	26.585
BAR. CORR. 65	+.025	1.00	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	72	0	0	0	26	W	1417					1			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

* CHANGED AND RESET MICROBAROGRAPH TO ZERO AT 0950 LST

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 JUL 30

MF1-10A (1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 30

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0049	CLR	20			107	79	31	11	02		000	802	MR
R	0148	CLR	20			106	77	31	04	04		999		MR
R	0247	CLR	20			104	75	32	05	02		999		MR
R	0348	CLR	20			105	75	33	15	02		999	603 74 RADAT 33156	RK
R	0450	CLR	20			111	73	32	10	03		000		RK
R	0545	CLR	20			116	75	33	10	03		002		RK
R	0648	CLR	20			118	83	35	00	00		003	314	RK
R	0746	CLR	20			118	89	32	25	02		003		RK
R	0852	CLR	20			113	95	32	23	05		002		RK
R	0946	CLR	20			111	96	33	21	04		002	805 72	RK
R	1045	CLR	20			109	98	31	23	06		001	FEW CU DSNT N	RK
R	1145	CLR	20			101	102	29	24	08G16		999	FEW CU DSNT N	RK
R	1247	CLR	20			097	103	32	20	09G16		998	FEW CU DSNT N/212 1100	RK
R	1345	CLR	20			092	102	30	18	05G16		996	FEW CU DSNT N	RK
R	1445	CLR	20			086	102	32	23	07		994		RK
R	1550	CLR	20			073	103	29	24	09		990	724 1100 05 RADAT 20161	LEF
R	1650	CLR	20			070	104	27	20	06		989		LEF
R	1749	CLR	20			067	102	22	23	10		988		LEF
R	1848	CLR	20			070	98	22	25	08		990	500	LEF
R	1950	CLR	20			081	89	28	33	02		992		LEF
R	2049	CLR	20			079	88	25	03	01		992		LEF
R	2150	CLR	20			081	82	26	07	04		992	107 05	LEF
R	2250	CLR	20			080	81	26	02	03		992		LEF
R	2350	CLR	20			086	79	28	09	01		993		LEF
									Σ	106				
									AV	4.4				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

1978 JUL 30

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 30

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.590	76.6	54.0	18	0															0	8	.005			00-01
01 48	26.585	76.6	53.3	19	0															0					01-02
02 47	26.580	74.7	52.6	20	0															0					02-03
03 48	26.580	74.7	52.9	21	0															0	6	.010			03-04
04 50	26.595	73.3	52.1	22	0															0					04-05
05 45	26.610	74.6	52.9	21	0															0					05-06
06 48	26.620	83.3	57.1	18	0															0	3	.040			06-07
07 46	26.620	89.1	58.2	13	0															0					07-08
08 52	26.610	95.0	60.4	11	0															0					08-09
09 46	26.605	95.9	60.9	11	0															0	8	.015			09-10
10 45	26.600	98.1	61.2	10	0															0					10-11
11 45	26.580	101.8	62.0	8	0															0					11-12
12 47	26.570	103.0	63.0	8	0	0	Cu	65												0	2	.035			12-13
13 45	26.550	101.5	62.2	8	0															0					13-14
14 45	26.535	102.2	62.9	9	0															0					14-15
15 50	26.500	103.3	62.4	7	0	0	Cu	120												0	7	.070			15-16
16 50	26.490	103.7	62.2	7	0															0					16-17
17 49	26.485	102.0	60.8	6	0															0					17-18
18 48	26.500	98.2	59.3	6	0															0	5	.000			18-19
19 50	26.520	89.3	57.3	11	0															0					19-20
20 49	26.520	87.8	56.2	10	0															0					20-21
21 50	26.520	82.4	54.3	13	0															0	1	.020			21-22
22 50	26.520	80.5	53.5	13	0															0					22-23
23 50	26.525	79.0	53.5	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	81	74	X	X						X		
	0345	1	0	0	0	84	74		0								
	0944	2	0	0	0	97	72		0								
	1545	3	0	0	0	105	96		0								
	2145	4	0	0	0	104	82		0								
	MID.	X	0	0	0	82	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Avg 26			
STA. PRESS. 63	26.580	26.605	26.500	26.520
BAROGRAPH 64	26.580	26.605	26.505	26.510
BAR. CORR. 65	0	0	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	72	0	0	0	21	SW	1357					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

1978 Jul 31

MF1-10A
(1-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUL 31

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0048	CLR	20			080	78	28	04	05		993	102	LEF
R	0150	CLR	20			083	76	31	09	02		993		LEF
R	0250	CLR	20			081	74	29	13	03		992		LEF
R	0345	CLR	20			087	72	28	01	02		994	303 71 RADAT 20159	RK
R	0448	CLR	20			093	72	29	12	04		996		RK
R	0545	CLR	20			098	75	30	04	03		997		RK
R	0645	CLR	20			100	80	32	00	00		998	212	RK
R	0745	CLR	20			102	86	31	00	00		998		RK
R	0845	CLR	20			096	94	27	23	04		997		RK
R	0945	CLR	20			098	97	31	24	09		997	6+02 70	RK
R	1045	CLR	20			095	100	31	23	10		997		RK
R	1147	CLR	20			087	101	30	22	09G	17	994		RK
R	1245	CLR	20			079	104	30	21	16G	22	992	815 1100	RK
R	1346	CLR	20			073	104	27	21	10		990	FEW CU SE	RK
R	1445	CLR	20			066	104	28	25	06G	21	988	FEW CU SE	RK
R	1550	CLR	20			059	104	24	24	12G	24	986	720 1100 06 RADAT 20159	LEF
R	1649	CLR	20			055	103	27	25	13G	24	984		LEF
R	1750	CLR	20			052	102	23	23	09		984		LEF
R	1850	CLR	20			052	98	26	24	11		984	605 1070	LEF
R	1950	CLR	20			057	93	29	21	04		986		LEF
R	2050	CLR	20			063	91	31	21	11G	21	988		LEF
R	2150	CLR	20			065	89	32	21	08		988	214 06	LEF
R	2249	CLR	20			065	91	31	20	08G	18	989		LEF
R	2350	CLR	20			064	91	31	20	09G	22	989		LEF
									Σ	168				
									Av	7.0				

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

1978 Jul 31

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WBAN, DESERT ROCK, NV

DATE: 1978 Jul 31

To convert LST to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.525	78.0	53.0	16	0															0	1	005			00-01
01 50	26.525	76.1	53.0	19	0															0					01-02
02 50	26.520	74.2	51.7	18	0															0					02-03
03 45	26.535	72.2	50.5	19	0															0	3	010			03-04
04 48	26.550	72.0	50.7	20	0															0					04-05
05 45	26.560	75.3	52.4	19	0															0					05-06
06 45	26.570	79.7	54.6	17	0															0	2	035			06-07
07 45	26.570	86.0	56.8	14	0															0					07-08
08 45	26.565	94.2	59.0	9	0															0					08-09
09 45	26.565	97.3	61.0	10	0															0	6	005			09-10
10 45	26.560	99.9	61.8	9	0															0					10-11
11 47	26.540	101.1	62.0	8	0															0					11-12
12 45	26.520	103.9	62.9	8	0	0	Cu	50												0	8	045			12-13
13 46	26.500	103.7	62.2	7	0															0					13-14
14 45	26.480	104.2	62.5	7	0															0					14-15
15 50	26.460	104.4	61.8	6	0	0	Cu	50												0	7	060			15-16
16 49	26.450	103.2	62.0	7	0															0					16-17
17 50	26.445	101.5	60.6	6	0															0					17-18
18 50	26.445	97.7	60.0	8	0	0	AC	140												0	6	015			18-19
19 50	26.460	93.0	58.9	10	0															0					19-20
20 50	26.480	90.9	58.7	12	0															0					20-21
21 50	26.485	88.9	58.3	13	0															0	2	040			21-22
22 49	26.490	91.2	58.9	12	0															0					22-23
23 50	26.490	90.5	58.5	12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	82	71	X	X						X		
	0343	1	0	0	0	82	71		0								
	0943	2	0	0	0	97	70		0								
	1545	3	0	0	0	106	97		0								
	2145	4	0	0	0	104	89		0								
	MID.	X	0	0	0	92	89	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Avg = 26.511			
STA. PRESS. 63	26.535	26.565	26.460	26.485
BAROGRAPH 64	26.525	26.555	26.460	26.480
BAR. CORR. 65	+010	+010	±0	+005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
106	70	0	0	0	24	SW	1505					0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131