WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: November | YEAR: 1981

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°): HEATING	COOLING	PRECIPITATION (In.): TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS 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 ~~(Min.)~~ Ave. Stn. Pressure	~~PERCENT OF POSSIBLE~~	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	74	49	62		3					6.5	21	E	26.9	20	0		39	26	21	32
2	77	48	63		2					8.4	17	SE	26.7	65	0		35	24	16	29
3	78	44	61		4					4.1	14	SE	26.6	21	0		34	20	16	31
4	76	42	59		6					4.1	15	SW	26.5	90	7		33	21	15	29
5	76	42	59		6					4.2	16	E	26.6	35	4		44	24	18	33
6	74	50	62		3					5.9	21	N	26.6	30	8		33	27	27	50
7	70	46	58		7					6.6	17	NW	26.7	13	0		57	38	24	40
8	72	47	60		5					7.3	22	E	26.8	18	2		50	26	23	35
9	72	48	60		5					9.2	17	E	26.8	56	4		41	32	30	45
10	72	43	58		7					3.9	14	E	26.8	00	6		48	32	27	40
11	74	44	59		6					4.2	15	N	26.7	38	0		55	28	20	39
12	70	42	56		9					6.5	33	S	26.5	99	8		59	28	24	31
13	70	58	64		1					15.4	43	S	26.5	45	9		33	30	25	26
14	68	52	60		5					14.4	44	SW	26.5	94	8		31	42	43	50
15	77	44	61		4					8.6	31	S	26.6	48	1		66	46	29	45
16	74	42	58		7					5.2	24	S	26.6	79	8		62	38	30	41
17	73	52	63		2					14.1	45	S	26.5	96	4		25	18	38	45
18	61	42	52		13					10.9	23	NE	26.8	18	4		26	27	14	28
19	61	40	51		14					9.1	19	E	26.7	55	6		30	18	13	27
20	63	34	49		16					3.3	10	E	26.7	25	9		34	20	11	33
21	63	38	51		14					5.1	12	E	26.7	15	9		28	12	14	19
22	61	36	49		16					3.4	10	W	26.6	81	9		37	20	19	42
23	66	36	51		14					3.8	13	SE	26.6	20	8		42	20	21	41
24	71	38	55		10					17.3	42	S	26.4	16	8		58	22	14	33
25	55	31	43		22					7.9	28	SW	26.4	85	0		41	26	17	33
26	52	25	39		26		.05			9.8	30	S	26.3	64	4	RW	42	27	23	52
27	52	36	44		21		.11			9.9	25	SW	26.4	10	3	R, RW	71	43	48	71
28	47	36	42		23		.33			7.3	23	E	26.4	70	10	R, RW	69	54	87	98
29	50	34	42		23					4.5	18	SW	26.6	23	7		96	90	50	80
30	54	30	42		23					6.1	21	NE	26.7	83	4		91	60	35	57
31																				
SUM	2003	1249	—	—	317	0	.49	0	—	227.0	—	—	799.6	~~12~~	150	—	1410	986	792	1255
AVG	66.8	41.6	—	—	—	—	—	—	—	7.6	FASTEST	DIRECTION	~~POSSIBLE~~	#	5.0	—	47.0	32.9	26.4	41.8
										MISC. →	45	S	26.6	54		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 54.2
DEPARTURE FROM NORMAL —
HIGHEST 78 ON 3
LOWEST 25 ON 26

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 3
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 317
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 488
DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 0
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 2472
DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .49 IN.
DEPARTURE FROM NORMAL — IN.
GREATEST ~~IN 24 HRS.~~ Daily .33 ON 28

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST ~~IN 24 HRS.~~ Daily 0 ON —
GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 9
PARTLY CLOUDY (Scale 4–7) 10
CLOUDY (Scale 8–10) 11
WITH 0.01 INCH OR MORE PRECIP. 3
WITH 0.10 INCH OR MORE PRECIP. 2
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

R = RAIN
RW = RAINSHOWER

MAXIMUM PRECIPITATION

Δt (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (Inches)												
ENDED: DATE												
TIME												

Station Pressure

HIGHEST ~~SEA LEVEL~~ 26.990 IN. ON 1
LOWEST ~~SEA LEVEL~~ 26.270 IN. ON 26

WS FORM F-6 SUPERSEDES WS FORM F-6 (9-74) WHICH SHOULD BE USED UNTIL EXISTING STOCK IS DEPLETED.

☆ U.S. G.P.O. 1978-765-092/1151 REG.#6

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1981 NOV 1

TO CONVERT LST TO GMT ADD 6 hrs. SUBTRACT ____ 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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			293	52	26	02	09		044	802	LEF
SA	0145	CLR	20			294	52	26	02	14		044		LEF
SA	0248	CLR	20			295	51	27	03	14		044		LEF
SA	0350	CLR	20			293	49	25	06	10		044	400 49 RADAT 20139	WRC
SA	0450	CLR	20			294	49	28	04	12		044		WRC
SA	0550	CLR	20			296	49	28	04	14		044		WRC
SA	0650	CLR	20			295	52	28	04	16		044	400	WRC
SA	0750	CLR	20			298	54	28	04	13		045		WRC
SA	0850	CLR	20			294	59	29	03	09		044		WRC
SA	0950	CLR	20			292	63	27	05	07		044	000 49	WRC
SA	1050	CLR	20			283	65	29	13	18		041		WRC
SA	1150	CLR	20			266	68	28	11	07		037		WRC
SA	~~1250~~ 1250	CLR	20			254	70	29	12	13		034	730	WRC
SA	1350	CLR	20			243	71	29	04	08		031		WRC
SA	1450	CLR	20			236	71	27	11	05		028		WRC
SA	1550	CLR	20			233	71	29	12	08		027	620 74 RADAT 20143	008
SA	1646	CLR	20			235	67	29	11	11		027		008
SA	1747	CLR	20			237	63	28	11	11		027		008
SA	1848	CLR	20			236	63	28	06	08		027	400	008
SA	1947	CLR	20			235	62	27	05	07		027		008
SA	2044	CLR	20			244	54	27	04	06		029		008
SA	2145	CLR	20			240	58	28	06	04		029	207 74	008
SA	2248	CLR	20			233	54	26	07	04		027		008
SA	2349	CLR	20			230	56	26	05	05		027		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIIII Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $1RRR_{ts}$ $3N_sCh$ 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 1980-0-665-115/1108

MF1-108 (11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 1

To convert LST to GMT ADD 5 hrs. SUBTRACT ___ 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	26.990	52.3	41.0	36	0															0	8	.005			00-01
01 45	26.990	52.3	41.0	36	0															0					01-02
02 48	26.990	50.7	40.4	40	0															0					02-03
03 50	26990	49.2	39.1	39	0															0	4	.000			03-04
04 50	26990	49.2	39.8	43	0															0					04-05
05 50	26.980	49.3	40.0	44	0															0					05-06
06 50	26.990	51.6	41.0	39	0															0	4	.060			06-07
07 50	27.000	53.3	42.2	36	0															0					07-08
08 50	26990	59.2	45.0	31	0															0					08-09
09 50	26980	62.7	46.2	26	0															0	0	.000			09-10
10 50	26970	65.1	47.4	26	0															0					10-11
11 50	26930	68.0	48.9	23	0															0					11-12
12 50	26900	69.0	49.5	22	0															0	7	.090			12-13
13 50	26.870	70.5	50.0	21	0															0					13-14
14 50	26.850	71.0	49.9	20	0															0					14-15
15 50	26.840	70.5	50.1	21	0															0	6	.060			15-16
16 46	26.840	66.5	48.3	24	0															0					16-17
17 47	26.840	62.9	46.4	26	0															0					17-18
18 48	26.840	62.6	46.3	27	0															0	4	.000			18-19
19 47	26.840	62.1	45.8	26	0															0					19-20
20 44	26.860	54.4	42.1	34	0															0					20-21
21 45	26.860	57.5	44.0	32	0															0	2	.020			21-22
22 48	26.840	53.8	41.7	34	0															0					22-23
23 49	26.840	55.9	42.7	31	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	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	55	49		X	X	X		X	X	X		
	0346	1	0	0	0	55	49			0							
	0946	2	0	0	0	63	49			0							
	1541	3	0	0	0	74	62			0							
	2140	4	0	0	0	71	53			0							
	MID.	X	0	0	0	58	53		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26990	26990	26.840	26.810
BAROGRAPH 64	26990	26995	26.850	26.875
BAR. CORR. 65	±0	+.005	-.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 GUSTS: SPEED (Kts.) 71	PEAK GUSTS: DIRECTION 72	PEAK GUSTS: 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
74	49	0	0	0	21	E	1205					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 1146 P ON TIME / 2250P - ON TIME

1900P - CHANGED BAROGRAM

MF1-108

U.S. GOVERNMENT PRINTING OFFICE: 1975-626-076/1139 Rev. 6-

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 2

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ 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-M) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			220	57	27	04	10		025	714	00%
SA	0146	CLR	20			224	52	28	03	05		025		00%
SA	0247	CLR	20			220	56	27	02	10		025		00%
SA	0350	CLR	20			225	54	27	05	10		026	303 52 RADAT 20147	WRL
SA	0450	CLR	20			229	52	28	05	12		026		WRL
SA	0550	CLR	20			234	49	27	13	04		026		WRL
SA	0650	CLR	20			232	53	27	04	11		026	400	WRL
SA	0750	CLR	20			233	60	28	03	07		027		WRL
SA	0850	CLR	20			234	64	30	09	04		027		WRL
SA	0950	CLR	20			232	65	28	14	11		027	103 48	WRL
SA	1050	CLR	20			220	69	29	13	12		024		WRL
SA	1150	CLR	20			201	73	28	12	12		020		WRL
SA	1250	CLR	20			189	74	24	11	13		016	734	WRL
SA	1350	CLR	20			179	75	26	13	13		013	FEW CI DSNT SW	WRL
SA	1450	CLR	20			171	75	25	11	13		011	FEW AC DSNT SW	WRL
SA	1548	CLR	20			171	74	25	12	10		011	617 1030 77 RADAT 20138	00%
SA	1644	CLR	20			170	70	25	11	10		010	FEW AC SW	00%
SA	1747	CLR	20			180	64	24	11	10		011		00%
SA	1844	CLR	20			176	64	26	12	09		011	500	00%
SA	1943	CLR	20			176	57	24	05	05		011		00%
SA	2044	CLR	20			180	54	23	21	02		012		00%
SA	2148	CLR	20			179	54	22	03	02		012	203 77	00%
SA	2244	CLR	20			177	55	23	04	02		012		00%
SA	2346	CLR	20			172	53	22	02	04		011		00%

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{t\#}$ $8N_sCh$ 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:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 2

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.820	57.2	43.7	32	0															0	7	.040				00-01
01 46	26.820	52.4	41.7	39	0															0						01-02
02 47	26.820	55.9	43.0	33	0															0						02-03
03 50	26.830	57.3	42.1	35	0															0	3	.010				03-04
04 50	26.830	52.4	41.8	39	0															0						04-05
05 50	26.830	46.6	39.2	42	0															0						05-06
06 50	26.832	52.9	41.4	36	0															0	4	.000				06-07
07 50	26.840	59.7	44.9	29	0															0						07-08
08 50	26.840	63.9	47.6	28	0															0						08-09
09 50	26.840	65.2	47.5	24	0															0	1	.010				09-10
10 50	26.810	69.4	49.3	22	0															0						10-11
11 50	26.720	72.6	50.5	19	0															0						11-12
12 50	26.740	73.5	50.3	16	0															0	7	.100				12-13
13 50	26.710	74.7	51.0	16	0															0						13-14
14 50	26.690	74.9	50.9	15	0															0						14-15
15 48	26.690	74.0	50.6	16	0	0	AC	150												0	6	.050				15-16
16 44	26.680	70.1	49.1	19	0															0						16-17
17 47	26.690	63.6	45.8	22	0															0						17-18
18 44	26.690	63.9	46.5	24	0															0	5	.000				18-19
19 43	26.690	57.0	42.7	28	0															0						19-20
20 44	26.700	53.6	40.7	30	0															0						20-21
21 48	26.700	54.2	40.8	29	0															0	2	.010				21-22
22 44	26.700	54.8	41.2	28	0															0						22-23
23 46	26.690	52.7	40.1	30	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	57	5[illegible]	X	X						X		
	0346	1	0	0	0	55	5[illegible]		0								
	0946	2	0	0	0	65	45		0								
	1540	3	0	0	0	77	65		0								
	2142	4	0	0	0	75	53		0								
	MID.	X	0	0	0	56	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1540	2142
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.840	26.690	26.700
BAROGRAPH 64	26.826	26.830	26.680	26.690
BAR. CORR. 65	+.010	+.010	+.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 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
77	48	0	0	0	17	55	1012					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	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: 1109 LST ON TIME / 1120P - ON TIME

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1981 NOV 3

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-99) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0048	CLR	20			171	48	22	06	06		010	807	008
SA	0150	CLR	20			167	50	23	29	02		010		008
SA	0247	CLR	20			170	47	25	35	02		010		008
SA	0350	CLR	20			169	51	24	12	03		010	400 46 RADAT 20132	WRL
SA	0450	CLR	20			174	46	20	14	06		010		WRL
SA	0550	CLR	20			177	46	22	00	00		010		WRL
SA	0650	CLR	20			179	50	23	00	00		011	303	WRL
SA	0750	CLR	20			180	54	26	00	00		011		WRL
SA	0850	CLR	20			172	63	25	15	05		010	FEW AC DSNT S	WRL
SA	0950	CLR	20			164	65	26	35	03		009	805 44	WRL
SA	1050	CLR	20			157	70	26	00	00		006		WRL
SA	1150	CLR	20			144	74	27	15	12		003		WRL
SA	1250	CLR	20			140	75	26	15	05		001	725	WRL
SA	1350	CLR	20			129	76	26	15	07		998		WRL
SA	1450	CLR	20			126	75	25	17	06		996		WRL
SA	1550	CLR	20			122	75	26	20	08		996	614 78 RADAT 20131	008
SA	1650	CLR	20			126	71	31	21	05		996		008
SA	1750	CLR	20			135	63	24	11	06		997		008
SA	1848	CLR	20			130	61	24	11	02		996	000	008
SA	1944	CLR	20			135	55	22	05	04		997		008
SA	2047	CLR	20			131	52	23	09	04		997		008
SA	2146	CLR	20			130	51	22	06	03		997	103 78	008
SA	2247	CLR	20			133	51	21	09	04		998		008
SA	2348	CLR	20			133	48	22	01	05		998		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh$ 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:1980-0-665-115/1108

MFI-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 3

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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 48	26.650	47.8	37.4	36	0															0	8	.020			00-01
01 50	26.680	50.4	39.1	34	0															0					01-02
02 47	26.680	46.9	37.7	41	0															0					02-03
03 50	26.650	51.3	39.7	34	0															0	4	.000			03-04
04 50	26.650	45.5	35.5	36	0															0					04-05
05 50	26.650	46.3	36.6	35	0															0					05-06
06 50	26.690	49.4	38.8	35	0															0	3	.010			06-07
07 50	26.690	54.0	41.7	34	0															0					07-08
08 50	26.640	63.4	46.0	23	0															0					08-09
09 50	26.675	65.3	48.4	20	0															0	8	.015			09-10
10 50	26.650	70.1	49.3	19	0															0					10-11
11 50	26.620	73.5	51.1	18	0															0					11-12
12 50	26.600	74.7	51.1	16	0															0	7	.035			12-13
13 50	26.580	76.4	51.7	15	0															0					13-14
14 50	26.560	75.3	51.1	15	0															0					14-15
15 50	26.560	75.1	51.3	16	0															0	6	.040			15-16
16 50	26.560	71.3	51.0	22	0															0					16-17
17 50	26.570	63.4	45.6	22	0															0					17-18
18 48	26.560	60.9	44.4	24	0															0	0	.000			18-19
19 44	26.570	54.8	40.9	27	0															0					19-20
20 47	26.570	53.1	39.8	31	0															0					20-21
21 46	26.570	50.9	38.9	31	0															0	1	.010			21-22
22 47	26.580	50.8	38.7	30	0															0					22-23
23 48	26.580	48.1	37.6	35	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	53	46	X	X						X		
	0346	1	0	0	0	56	46		0								
	0946	2	0	0	0	69	44		0								
	1547	3	0	0	0	78	68		0								
	2140	4	0	0	0	75	50		0								
	MID.	X	0	0	0	52	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.675	26.560	26.570
BAROGRAPH 64	26.655	26.650	26.550	26.555
BAR. CORR. 65	+.025	+.025	+.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
78	44	0	0	0	14	50	1152					0	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: 1108 PST - ON TIME / 1930 P - ON TIME

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1981 NOV 4

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ___ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundred 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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SENSOR INITIALS (14)
SA	0049	CLR	20			132	47	22	02	03		998	103	008
SA	0148	CLR	20			132	46	22	36	02		998		008
SA	0245	CLR	20			134	42	22	33	05		998		008
SA	0350	CLR	20			136	48	20	21	02		999	303 ~~46~~ 42 RADAT 20125	WRC
SA	0450	CLR	20			137	43	21	06	05		998		WRC
SA	0550	240 - SCT	20			140	42	23	03	05		998		WRC
SA	0650	240 - SCT	20			145	45	21	00	00		999	500 1001	WRC
SA	0750	240 - BKN	20			148	53	22	32	04		001		WRC
SA	0850	240 - BKN	20			150	59	23	34	04		002		WRC
SA	0950	240 - BKN	20			152	65	23	34	03		003	210 1004 42	WRC
SA	1050	240 - BKN	20			145	69	23	00	00		002		WRC
SA	1150	240 - BKN	20			138	71	23	20	03		999		WRC
SA	1250	240 - BKN	20			126	72	24	29	07		996	820 1004	WRC
SA	1350	240 - SCT	20			122	73	24	26	03		995		WRC
SA	1450	240 - BKN	20			119	75	19	24	09		994		WRC
SA	1551	240 - SCT	20			121	73	24	25	06		996	503 1001 76 RADAT 23126	EP
SA	1649	240 - SCT	20			130	68	23	24	04		997		EP
SA	1747	240 - SCT	20			138	62	19	08	04		998		EP
SA	1850	240 - BKN	20			143	58	19	08	07		999	210 1001	EP
SA	1948	240 - BKN	20			144	54	19	36	03		000		EP
SA	2049	240 SCT	20			145	53	21	12	03		001		EP
SA	2152	240 - SCT	20			142	53	22	09	05		001	107 1001 76	EP
SA	2247	240 - SCT	20			139	51	20	06	04		000		EP
SA	2348	240 - SCT	20			143	50	21	12	07		002		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspso$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 4

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.580	47.4	37.1	36	0															0	1	.010			00-01
01 48	26.580	46.3	36.5	37	0															0					01-02
02 45	26.580	42.4	34.3	43	0															0					02-03
03 50	26.590	47.8	36.9	33	0															0	3	.010			03-04
04 50	26.580	42.8	34.3	41	0															0					04-05
05 50	26.580	42.2	34.7	47	5															2					05-06
06 50	26.590	45.0	35.5	37	4	4	Ci	240												2	5	.008			06-07
07 50	26.600	53.2	40.3	30	7															3					07-08
08 50	26.610	59.0	43.3	25	8															4					08-09
09 50	26.610	64.5	46.0	21	9	9	Ci	240												4	2	.030			09-10
10 50	26.610	69.2	48.1	17	9															4					10-11
11 50	26.590	70.9	48.7	16	9															3					11-12
12 50	26.560	72.1	49.3	17	9	9	Ci	240												4	8	.060			12-13
13 50	26.550	72.8	49.8	16	5															2					13-14
14 50	26.540	75.2	49.9	13	6															3					14-15
15 51	26.550	73.4	50.0	15	4	4	Ci	240												2	5	.010			15-16
16 49	26.560	67.9	47.4	18	3															1					16-17
17 47	26.570	61.7	43.8	19	5															2					17-18
18 50	26.580	58.0	42.0	22	7	7	Ci	240												3	2	.030			18-19
19 48	26.590	54.1	39.9	25	6															2					19-20
20 49	26.600	53.4	40.0	28	5															3					20-21
21 52	26.600	53.1	40.2	29	3	3	Ci	240												1	1	.020			21-22
22 47	26.595	50.8	38.4	29	2															1					22-23
23 45	26.605	50.0	38.4	32	1															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	48	42	X	X						X		
	0346	1	0	0	0	52	42		0								
	0946	2	0	0	0	65	42		0								
	1546	3	0	0	0	76	65		0								
	2146	4	0	0	0	73	53		0								
	MID.	X	0	0	0	53	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.542	26.622	26.550	26.600
BAROGRAPH 64	26.560	26.590	26.530	26.575
BAR. CORR. 65	+020	+070	+020	+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
76	42	0	0	0	15	SW	1435					4	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: 0752 1ST OF TIME 2200 TIME OF

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1981 NOV 05

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY Miles: SURFACE (14)	VISIBILITY Miles: TOWER (14)	WEATHER AND OBSTRUCTIONS TO VISION (15)	SEA LEVEL PRESS. MBS (16)	TEMP °F (7)	DEW PT. °F (8)	WIND DIRECTION (9)	WIND SPEED KTS (10)	WIND CHARACTER (11)	ALTIMETER SETTING Inches (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	DATA REVISED INITIALS (15)
SA	0050	250-SCT	20			141	47	21	02	07		001	000 1001	EP
SA	0148	250-SCT	20			144	48	24	32	03		002		EP
SA	0249	250-SCT	20			144	47	22	07	03		002		EP
SA	0350	CLR	20			147	43	23	00	00		002	103 1001 43 RADAT 20127	JK
SA	0449	CLR	20			153	45	22	35	03		003		JK
SA	0548	CLR	20			160	45	23	14	03		004		JK
SA	0646	180 SCT	20			166	46	24	33	02		005	210 1050	JK
SA	0750	180 SCT 250 SCT	20			173	50	27	00	00		007		JK
SA	0850	E180 BKN 250 BKN	20			169	55	25	06	03		007		JK
SA	0952	180 SCT 250-BKN	20			171	62	25	05	05		009	310 1071 42	JK
SA	1048	E180 BKN 250 BKN	20			166	65	26	05	05		007		JK
SA	1150	180 SCT 250 SCT	20			156	71	28	12	11		005		JK
SA	1246	180 SCT 250 SCT	20			154	71	28	12	08		004	214 1071	JK
SA	1347	180 SCT	20			145	73	28	08	04		002		JK
SA	1448	180 SCT 250 SCT	20			141	73	26	22	04		001		JK
SA	1548	180 SCT	20			146	74	28	30	03		002	507 1070 76 RADAT 51110	EP
SA	1646	180 SCT	20			151	65	23	34	06		002		EP
SA	1751	180 SCT	20			162	59	20	02	04		004		EP
SA	1850	150 SCT	20			166	57	21	11	04		005	310 1030	EP
SA	1948	CLR	20			165	54	20	04	05		005		EP
SA	2049	150 SCT	20			166	54	25	03	03		007		EP
SA	2148	CLR	20			164	51	23	36	05		007	103 1030 76	EP
SA	2246	250-SCT	20			162	51	22	31	04		007		EP
SA	2350	150 SCT 250-BKN	20			159	50	24	01	06		007		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{tr}$ $8N_sCh\ h_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-965-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 0 5

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	46.7	36.5	35	1	1	Ci	250												0	0	.000			00-01
01 48	26.610	47.8	37.9	38	1															0					01-02
02 49	26.610	46.8	36.9	37	1															0					02-03
03 50	26.610	43.0	35.0	44	0	0	Ci	250												0	1	.010			03-04
04 48	26.620	44.8	35.8	40	0															0					04-05
05 45	26.630	44.6	35.8	41	0															0					05-06
06 46	26.640	46.2	37.2	42	5	5	Ac	180												3	2	.030			06-07
07 50	26.660	50.2	42.1	40	2															2					07-08
08 50	26.660	55.4	42.1	30	7															5					08-09
09 52	26.670	62.0	45.3	24	7	5	Ac	180	2	Ci	250	7								3	3	.030			09-10
10 48	26.660	65.4	47.2	23	7															7					10-11
11 50	26.640	70.7	50.1	20	5															5					11-12
12 46	26.630	71.0	50.0	20	5	4	Ac	180	1	Ci	250	5								5	7	.040			12-13
13 47	26.610	72.8	50.9	19	2															2					13-14
14 45	26.600	72.6	50.2	17	2															2					14-15
15 48	26.610	73.5	51.0	18	1	1	Ac	180												1	5	.020			15-16
16 46	26.610	64.8	46.1	20	1															1					16-17
17 51	26.630	58.9	42.6	22	1															1					17-18
18 50	26.640	56.9	41.8	24	1	1	Ac	150												1	3	.030			18-19
19 48	26.640	54.3	40.4	26	0															0					19-20
20 49	26.650	53.5	41.3	33	1															1					20-21
21 49	26.650	51.3	39.6	33	0	0	Ac	150												0	1	.010			21-22
22 46	26.650	51.0	39.2	32	2															1					22-23
23 50	26.650	49.8	39.1	36	6															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 0345	X	0	0	X	50	43	X	X						X		
	0345	1	0	0	0	53	43		0								
	0748	2	0	0	0	62	42		0								
	1544	3	0	0	0	76	62		0								
	2145	4	0	0	0	74	51		0								
	MID.	X	0	0	0	51	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0950	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.620	26.610	26.650
BAROGRAPH 64	26.600	26.620	26.600	26.640
BAR. CORR. 65	+.010	+.0	+.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 UNTIL 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
76	42	0	0	0	16	E	1130					2	+		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	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: 0600 P OK 2200 CLOCK OK

BAROGRAPH CAPPED 0959P

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV ~~04~~ 06

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ___ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (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 (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0051	150 SCT E250 BKN	20			158	53	23	00	00		007	400 1031	EP
SA	0149	150 SCT E250 BKN	20			158	51	22	02	07		007		EP
SA	0250	150 SCT E250 SCT	20			156	51	24	05	04		006		EP
SA	0350	140 SCT E250 BKN	20			153	52	24	05	05		005	803 1075 50 RADAT 77103	JK
SA	0448	E140 BKN 250 BKN	20			161	52	24	32	03		006		JK
SA	0547	80 SCT E140 BKN 250 OVC	20			166	51	23	14	05		006		JK
SA	0650	80 SCT E140 BKN 250 OVC	20			166	53	24	00	00		006	103 1578	JK
SA	0748	80 SCT E140 BKN 250 OVC	20			165	56	24	36	09		006		JK
SA	0849	80 SCT 140 SCT E250 OVC	20			163	62	28	27	02		006		JK
SA	0950	E250 OVC	20			163	64	29	07	02		006	400 1277 50	JK
SA	1048	80 SCT 140 SCT 250 - BKN	20			157	68	29	30	05		005	CB NW	JK
SA	1150	250 - SCT	20			146	69	31	03	03		002	CB NW MOVD NE CU ALQDS	JK
SA	1246	250 - SCT	20			138	73	33	25	08		001	817 1278	JK
SA	1352	80 SCT 140 SCT 250 - BKN	20			136	70	33	22	08		999	CB NW	JK
SA	1447	E80 BKN 140 BKN	20			129	71	33	26	07		998	CB NW MOVD NE	JK
SA	1550	80 SCT E140 BKN	20			128	70	34	27	07		998	TCU NW-NE CB E VIRGA	EP
													E/610 1370 74 RADAT	
													74102	
SA	1649	E80 BKN 150 BKN	20			134	67	34	24	08		999	CB NE VIRGA NE	EP
SA	1747	80 SCT E150 BKN	20			146	64	31	34	09		002	CB DSIPTD	EP
SA	1850	80 SCT E150 BKN	20			150	61	36	02	11		003	115 1270	EP
SA	1949	E80 BKN 150 BKN	20			151	61	37	03	12		004		EP
SA	2049	E80 BKN 150 BKN	20			155	61	38	34	05		005		EP
SA	2148	80 SCT 130 SCT	20			163	57	38	01	04		008	315 1230 74	EP
SA	2247	80 SCT E130 BKN	20			162	56	39	34	08		008		EP
SA	2348	130 SCT	20			161	56	38	36	09		008		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 05 06

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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 51	26.650	52.5	40.0	31	7	2	AC	150	5	CI	E250	7								4	4	.000			00-01
01 49	26.650	51.3	39.3	32	7															4					01-02
02 50	26.645	51.7	39.8	35	5															3					02-03
03 50	26.640	52.0	40.0	33	7	4	AC	140	3	CS	E350	7								6	8	.010			03-04
04 48	26.650	52.0	40.0	33	9															9					04-05
05 47	26.650	50.8	39.3	34	10															8					05-06
06 50	26.650	53.1	40.8	32	10	3	SC	80	3	AC	E140	6	4	CS	250	10				10	1	.010			06-07
07 48	26.650	56.3	42.2	28	10															9					07-08
08 49	26.650	61.5	45.8	28	10															7					08-09
09 50	26.650	64.2	47.5	27	10	0	CU	80	0	AC	140	0	10	CS	E250	10				6	4	.000			09-10
10 48	26.640	68.3	49.2	23	6															2					10-11
11 50	26.610	68.5	50.0	25	4															2					11-12
12 46	26.600	72.7	52.1	23	3	0	CU	80	0	AC	140	0	3	CS	250	3				1	8	.050			12-13
13 52	26.585	70.1	51.0	25	7															3					13-14
14 47	26.570	70.9	51.3	24	8															7					14-15
15 50	26.570	69.6	51.3	27	8	1	CB	80	7	AC	E140	8								7	6	.030			15-16
16 49	26.580	67.0	50.0	29	8															7					16-17
17 47	26.605	64.3	47.9	28	8															7					17-18
18 50	26.615	61.2	48.2	38	7	2	CU	80	5	AC	E150	7								7	1	.045			18-19
19 49	26.625	61.1	48.5	40	9															9					19-20
20 49	26.640	60.8	49.1	43	8															8					20-21
21 48	26.660	57.0	47.4	50	4	2	CU	80	2	AC	130	4								4	3	.045			21-22
22 47	26.660	56.0	47.4	54	6															6					22-23
23 48	26.660	56.2	47.0	51	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 0345	X	0	0	X	53	50	X	X						X		
	0345	1	0	0	0	53	50		0								
	0945	2	0	0	0	64	50		0								
	1545	3	0	0	0	74	64		0								
	2144	4	0	0	0	70	57		0								
	MID.	X	0	0	0	57	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.650	26.570	26.660
BAROGRAPH 64	26.630	26.650	26.575	26.640
BAR. CORR. 65	+.010	±.0	-.005	+.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
74	50	0	0	0	21	N	1800					7	8		

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: 0610 PST OK 2150 CLOCK OK

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 07

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ 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. (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)	OBSERVER'S INITIALS (15)
SA	0050	130 SCT	20			163	51	37	35	03		008	400 1030	EP
SA	0149	130 SCT	20			162	52	37	03	08		008		EP
SA	0250	CLR	20			161	50	35	04	05		007		EP
SA	0347	CLR	20			164	50	35	36	02		008	500 50 RADAT 81098	JK
SA	0448	CLR	20			166	49	34	10	02		008		JK
SA	0552	CLR	20			173	47	34	14	02		009		JK
SA	0649	CLR	20			186	46	35	24	05		012	314	JK
SA	0750	CLR	20			192	53	35	24	02		014		JK
SA	0848	CLR	20			187	60	35	01	07		014		JK
SA	0949	CLR	20			192	61	35	02	10		015	310 46	JK
SA	1050	CLR	20			192	64	35	04	12		015		JK
SA	1146	CLR	20			177	67	36	36	07		012	Cu N AND S	JK
SA	1245	80 SCT	20			178	68	35	03	10		012	610 1100	JK
SA	1345	80 SCT	20			172	69	33	09	05		010		JK
SA	1447	80 SCT	20			172	69	31	35	08		010		JK
SA	1548	CLR	20			176	69	31	03	06		011	803 1401 70 RADAT 65100	EP
SA	1647	CLR	20			183	65	30	03	04		012		EP
SA	1749	120 SCT 250 SCT	20			195	59	29	06	05		014		EP
SA	1850	CLR	20			198	58	31	05	10		015	112	EP
SA	1948	CLR	20			200	57	31	05	10		016		EP
SA	2048	CLR	20			201	57	31	04	12		017		EP
SA	2150	250-SCT	20			209	54	31	11	07		020	315 1008 70	EP
SA	2249	250-SCT	20			209	57	30	03	09		021		EP
SA	2347	250-SCT	20			210	56	30	06	07		022		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 07

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.660	50.5	44.0	61	1	1	AC	130												1	4	.000				00-01
01 49	26.660	52.4	44.9	57	1															1						01-02
02 50	26.655	50.2	43.0	57	0															0						02-03
03 47	26.660	50.2	43.0	57	0															0	5	.000				03-04
04 45	26.660	49.0	42.0	56	0															0						04-05
05 52	26.670	47.0	41.0	61	0															0						05-06
06 49	26.700	46.2	40.8	64	0															0	3	.040				06-07
07 50	26.720	52.9	44.1	50	0															0						07-08
08 48	26.720	59.5	47.3	40	0															0						08-09
09 49	26.730	61.0	48.0	38	0															0	3	.030				09-10
10 50	26.730	64.0	49.4	34	0															0						10-11
11 46	26.700	62.1	50.9	32	0															0						11-12
12 45	26.700	68.1	51.0	30	1	1	CU	80												1	6	.030				12-13
13 45	26.680	68.9	50.7	27	1															1						13-14
14 47	26.680	68.9	50.1	24	1															1						14-15
15 48	26.690	68.8	50.0	24	0	0	SC	80	0	CI	250	0								0	8	.010				15-16
16 47	26.700	65.0	48.0	27	0															0						16-17
17 49	26.720	59.1	45.2	32	2															2						17-18
18 50	26.725	58.0	45.1	35	0															0	1	.035				18-19
19 48	26.740	56.7	44.7	38	0															0						19-20
20 48	26.750	56.8	44.5	37	0															0						20-21
21 50	26.770	54.4	43.3	40	1	1	CI	250												0	3	.045				21-22
22 49	26.780	56.8	44.3	36	3															0						22-23
23 47	26.785	55.5	43.8	38	2															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	56	5	X	X						X		
	0343	1	0	0	0	57	5		0								
	0945	2	0	0	0	61	46		0								
	1545	3	0	0	0	70	61		0								
	2146	4	0	0	0	69	54		0								
	MID.	X	0	0	0	57	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.720	26.690	26.770
BAROGRAPH 64	26.650	26.720	26.690	26.760
BAR. CORR. 65	+.010	+.010	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
70	46	0	0	0	17	NW	1352					1	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: 0945 OK 2150 CLOCK OK

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 0 8

TO CONVERT LST TO GMT ADD 8 hrs SUBTRACT ___ hrs

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY Mi. SURFACE (4)	VISIBILITY Mi. TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0050	250-SCT	20		[illegible]	205	51	31	08	07		022	107 1008	EP
SA	0146	250-SCT	20		[illegible]	205	50	30	12	06		022		EP
SA	0250	CLR	20		[illegible]	206	50	30	06	05		022		EP
SA	0352	CLR	20			223	50	32	12	09		024	307 1008 49 RADAT 76100	HS
SA	0447	CLR	20			226	52	32	08	04		025		HS
SA	0550	250-SCT	20			236	48	31	13	04		026		HS
SA	0649	250-SCT	20			237	53	32	05	11		027	210 1001	HS
SA	0750	CLR	20			240	57	32	05	13		028		HS
SA	0850	CLR	20			238	59	32	02	12		028		HS
SA	0949	250-SCT	20			237	62	28	05	11		028	103 1001 47	HS
SA	1049	250-SCT	20			229	68	28	02	05		027		HS
SA	1151	250-SCT	20			219	70	32	03	08		024		HS
SA	1252	250-SCT	20			217	70	30	04	13		023	617 1001	HS
SA	1350	250-SCT	20			213	71	31	08	09		022		HS
SA	1449	250-SCT	20			210	71	30	12	08		021		HS
SA	1584	280-SCT	20			210	69	30	10	08		021	607 1001 72 RADAT 24109	MG
SA	1648	280-SCT	20			211	65	27	08	08		021		MG
SA	1750	280-SCT	20			224	60	27	10	08		023		MG
SA	1852	280-BKN	20			228	60	27	07	08		025	314 1004	MG
SA	1949	280-BKN	20			225	62	30	07	08		025		MG
SA	2048	280-OVC	20			230	58	30	14	04		026		MG
SA	2149	280-OVC	20			230	56	29	24	03		026	103 1004 72	MG
SA	2245	280-OVC	20			236	53	29	11	02		028		MG
SA	2349	280-BKN	20			240	50	27	10	02		029		MG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dapp} $6P_oP_oP_oP_o$ 7RRRsz $8N_sCh$ 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 1980-0-665-115-1108

MFI-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 07 08

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.790	50.8	41.8	47	2	2	CS	250												0	1	.020				00-01
01 46	26.780	50.0	41.0	46	2															0						01-02
02 50	26.790	49.5	40.7	47	0															0						02-03
03 52	26.810	49.6	41.3	50	0	0	CS	250												0	3	.020				03-04
04 47	26.820	52.1	43.6	46	0															0						04-05
05 50	26.830	49.5	40.0	52	2															0						05-06
06 49	26.840	53.2	43.1	43	1	1	CI	250												0	2	.030				06-07
07 50	26.850	56.6	45.0	40	0															0						07-08
08 50	26.850	57.1	46.1	36	0															0						08-09
09 49	26.850	62.4	46.2	26	2	2	CI	250												0	1	.010				09-10
10 49	26.840	67.8	50.4	28	1															0						10-11
11 51	26.810	69.7	50.5	25	2															0						11-12
12 52	26.800	69.6	50.1	23	3	3	CI	250												0	6	.050				12-13
13 50	26.790	70.9	50.9	23	3															0						13-14
14 49	26.780	70.9	50.9	22	3															0						14-15
15 54	26.780	69.3	49.8	23	2	2	CI	280												0	6	.020				15-16
16 48	26.780	64.7	47.0	24	1															0						16-17
17 50	26.800	59.6	44.6	28	2															0						17-18
18 52	26.820	60.3	45.1	28	6	6	CI	280												1	3	.040				18-19
19 49	26.820	62.4	46.8	29	8															2						19-20
20 48	26.820	57.5	44.5	34	10															4						20-21
21 49	26.830	55.6	43.3	35	10	10	CI	280												4	1	.010				21-22
22 45	26.850	53.1	42.1	39	10															4						22-23
23 49	26.860	49.8	40.0	42	8															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 0347	X	0	0	X	56	49	X	X						X		
	0347	1	0	0	0	57	49		0								
	0944	2	0	0	0	64	47		0								
	1550	3	0	0	0	72	62		0								
	2145	4	0	0	0	69	53		0								
	MID.	X	0	0	0	56	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0948	1554	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.850	26.780	26.820
BAROGRAPH 64	26.790	26.840	26.780	26.820
BAR. CORR. 65	+.020	+.010	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
72	47	0	0	0	22	E	1103					2	3		

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: 0951P-OK CORRECT 1920

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 9

TO CONVERT LST TO GMT ADD 8 hrs SUBTRACT ___ hrs

TYPE	TIME (LST)	SKY AND CEILING	VISIBILITY SURFACE	VISIBILITY TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP.	DEW PT.	WIND DIRECTION	WIND SPEED	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OR SUBJECT
SA	0053	280 SCT	20			238	55	30	09	06		029	110 1001	HS
SA	0151	280 SCT	20			238	52	30	03	05		029		HS
SA	0250	280 SCT	20			237	54	32	04	12		029		HS
SA	0350	250 SCT	20			238	54	31	05	11		030	400 1001 5t RADAT 59102	HS
SA	0449	CLR	20			241	53	31	03	13		030		HS
SA	0550	CLR	20			252	53	32	04	15		032		HS
SA	0650	CLR	20			251	53	31	04	06		032	107	HS
SA	0751	CLR	20			257	56	31	05	14		034		HS
SA	0849	CLR	20			257	60	33	03	05		034		HS
SA	0950	CLR	20			257	64	33	13	11		035	108 1001 5t	HS
SA	1050	250-SCT	20			248	67	33	12	14		032		HS
SA	1150	250-SCT	20			240	68	34	11	11		029		HS
SA	1250	250-SCT	20			226	69	33	12	15		026	725 1001	HS
SA	1349	250-BKN	20			224	71	33	15	12		025		HS
SA	1449	250-BKN	20			228	69	34	13	10		026		HS
SA	1552	E230 OVC	20			224	67	34	11	08		025	603 1007 72 RADAT 25110	HS
SA	1650	170 SCT E230 OVC	20			226	65	33	10	09		025		HS
SA	1749	170 SCT E230 OVC	20			228	61	32	08	06		025		HS
SA	1853	230-OVC	20			232	60	32	12	11		026	303 1007	HS
SA	1952	230-OVC	20			236	58	31	13	08		027		HS
SA	2048	230 SCT	20			241	52	31	36	05		028		HS
SA	2147	230-BKN	20			236	49	29	36	03		027	003 1008 72	HS
SA	2248	CLR	20			236	48	30	05	05		027		HS
SA	2346	CLR	20			235	48	29	10	06		027		HS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIIII Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh$ 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:1980-0-665-115-1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 8

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 36	STATION PRESSURE (Ins.) 37	DRY BULB (°F) 38	WET BULB (°F) 39	REL. HUMIDITY (%) 40	TOTAL SKY COVER 41	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 42	LOWEST LAYER TYPE 43	LOWEST LAYER HEIGHT 44	SECOND LAYER AMT. 45	SECOND LAYER TYPE 46	SECOND LAYER HEIGHT 47	SUMMATION TOTAL 48	THIRD LAYER AMT. 49	THIRD LAYER TYPE 50	THIRD LAYER HEIGHT 51	SUMMATION TOTAL 52	FOURTH LAYER AMT. 53	FOURTH LAYER TYPE 54	FOURTH LAYER HEIGHT 55	TOTAL OPAQUE SKY COVER 56	PRESSURE TENDENCY 57	NET 3-HR. CHANGE (Ins.) 58	SUNSHINE (Min.) 59	PRECIPITATION (Ins.) 60	HR.
00 53	26.860	54.6	43.1	38	4	4	CI	280												3	1	.032			00-01
01 51	26.860	51.9	41.9	43	4															3					01-02
02 50	26.860	53.9	43.5	43	3															3					02-03
03 50	26.860	53.7	43.0	41	2	2	CI	250												2	4	.000			03-04
04 49	26.860	53.4	43.0	42	0															0					04-05
05 50	26.880	52.6	42.4	43	0															0					05-06
06 50	26.880	53.1	42.8	43	0															0	1	.020			06-07
07 51	26.900	55.6	44.0	39	0															0					07-08
08 49	26.900	60.0	46.6	35	0															0					08-09
09 50	26.905	63.6	48.3	32	0	0	CI	250												0	1	.025			09-10
10 50	26.880	66.7	49.6	28	2															0					10-11
11 50	26.855	68.2	50.8	29	4															0					11-12
12 50	26.830	69.2	50.9	27	3	3	CI	250												1	7	.075			12-13
13 49	26.820	70.5	51.3	25	6															2					13-14
14 49	26.830	68.9	50.9	27	8															2					14-15
15 52	26.820	66.8	50.2	30	10	10	CS	230												8	6	.010			15-16
16 50	26.820	64.9	49.0	31	10															8					16-17
17 49	26.820	61.4	47.1	33	10															8					17-18
18 53	26.850	60.0	46.4	34	10	10	CS	230												4	3	.010			18-19
19 52	26.840	58.3	45.3	35	10															4					19-20
20 48	26.850	51.6	42.2	46	3															2					20-21
21 47	26.840	49.1	40.1	45	6	6	CS	230												2	0	.010			21-22
22 48	26.840	48.0	39.8	48	0															0					22-23
23 46	26.840	48.2	39.8	48	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	55	50	X	X						X		
	0345	1	0	0	0	56	50		0								
	0945	2	0	0	0	65	51		0								
	1547	3	0	0	0	72	64		0								
	2143	4	0	0	0	67	49		0								
	MID.	X	0	0	0	49	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0949	1552	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.905	26.820	26.840
BAROGRAPH 64	26.840	26.850	26.825	26.845
BAR. CORR. 65	+.020	+.015	-.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 (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
72	48	0	0	0	17	E	1004					3	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: 0455 P OK CORRECT 1840

X BAROGRAPH CHANGED RE-SET TO "0"

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 1 0

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ___ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0045	CLR	20			236	46	30	08	03		027	400 1008	[illegible]
SA	0152	230-SCT	20			235	46	32	36	02		027		[illegible]
SA	0250	230-BKN	20			236	45	31	06	04		027		[illegible]
SA	0351	250-SCT	20			232	47	28	35	04		026	803 1008 45 RADAT20117	HS
SA	0449	250-SCT	20			233	46	30	04	04		026		HS
SA	0548	150-SCT 250-SCT	20			236	44	31	06	02		026		HS
SA	0648	150 SCT 250-BKN	20			241	45	32	33	04		027	303 1008	HS
SA	0750	150 SCT E250 BKN	20			241	52	32	11	04		028		HS
SA	0849	250-SCT	20			246	58	31	14	03		030	FEW AC	HS
SA	0950	250-SCT	20			237	63	33	36	04		027	000 1001 43	HS
SP	1049	150 SCT 250-SCT	20			230	64	33	13	09		025		HS
SA	1148	150 SCT 250-SCT	20			220	68	34	36	05		023		HS
SA	1250	250-BKN	20			211	70	30	14	06		021	720 1001	HS
SA	1348	150 SCT 250-BKN	20			204	72	28	36	04		018		HS
SA	1450	250-BKN	20			201	70	30	19	03		017		HS
SA	1553	160 SCT E220 BKN	20			202	67	32	26	05		017	610 1084 72 RADAT 21108	[illegible]
SA	1648	E140 BKN 220 OVC	20			204	64	31	25	04		017		[illegible]
SA	1752	E140 BKN 220 OVC	20			210	61	30	05	04		018		[illegible]
SA	1848	E140 BKN 220 OVC	20			211	58	30	09	04		018	103 1084	[illegible]
SA	1945	E140 BKN 220 OVC	20			208	58	35	00	00		018		[illegible]
SA	2044	E140 BKN	20			211	54	30	01	03		019		[illegible]
SA	2154	140 SCT	20			211	55	31	05	04		021	307 1030 72	[illegible]
SA	2254	CLR	20			213	50	28	31	05		021		[illegible]
SA	2349	CLR	20			210	51	28	10	04		021		[illegible]

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

FMIIV: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR$_{ss}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115-1106

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 10

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.840	46.2	37.0	53	0	0	CS	230												0	4	.000			00-01
01 52	26.840	45.5	39.2	58	2															0					01-02
02 50	26.840	45.0	38.8	58	6															2					02-03
03 51	26.830	47.6	38.9	48	4	4	CS	250												2	8	.010			03-04
04 49	26.830	46.4	39.0	52	1															0					04-05
05 48	26.830	44.4	38.6	60	2															0					05-06
06 48	26.840	45.4	39.2	58	6	1	AC	150	5	CS	250	6								2	3	.010			06-07
07 50	26.850	52.3	42.8	46	6															4					07-08
08 49	26.860	58.2	45.4	36	4															1					08-09
09 56	26.840	62.9	47.9	32	4	4	CI	250												1	0	.000			09-10
10 49	26.820	64.0	48.4	31	4															1					10-11
11 48	26.800	68.1	50.4	28	5															2					11-12
12 50	26.780	69.5	50.1	23	6	6	CI	250												1	7	.060			12-13
13 48	26.760	71.7	50.4	20	6															1					13-14
14 50	26.750	70.4	50.4	22	6															1					14-15
15 53	26.750	67.0	49.5	27	8	3	AC	160	5	CI	E220	8								7	6	.030			15-16
16 48	26.750	64.0	47.8	28	10															9					16-17
17 52	26.760	60.6	46.0	31	10															7					17-18
18 48	26.760	58.2	45.0	34	10	8	AC	E140	2	CI	220	10								7	1	.010			18-19
19 45	26.760	57.9	46.5	42	10															9					19-20
20 49	26.770	53.8	42.7	39	9															8					20-21
21 54	26.780	54.5	43.5	40	3	3	AC	140												3	3	.020			21-22
22 54	26.780	49.7	40.0	42	0															0					22-23
23 49	26.780	50.9	40.9	42	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 0346	X	0	0	X	49	45	X	X						X		
	0346	1	0	0	0	49	45		0								
	0945	2	0	0	0	65	43		0								
	1548	3	0	0	0	72	63		0								
	2150	4	0	0	0	67	54		0								
	MID.	X	0	0	0	55	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1553	2159
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.840	26.750	26.780
BAROGRAPH 64	26.835	26.850	26.760	26.775
BAR. CORR. 65	-.005	-.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
72	43	0	0	0	14	E	1213					6	5		

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: 0455P-OK 1500 SLOW 1755

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 11

TO CONVERT LST TO GMT ADD 8 hrs SUBTRACT ___ hrs

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0051	CLR	20			210	50	29	09	03		021	400	HS
SA	0150	CLR	20			211	46	28	22	03		021		HS
SA	0250	CLR	20			209	45	28	32	07		019		HS
SA	0350	CLR	20			211	44	29	01	03		020	603 1001 44 RADAT 36107	HS
SA	0450	CLR	20			208	50	28	03	03		019		HS
SA	0550	CLR	20			216	47	30	11	05		021		HS
SA	0650	CLR	20			223	46	33	14	02		022	307 1030	HS
SA	0748	CLR	20			219	51	32	19	05		022		HS
SA	0848	CLR	20			221	59	29	33	02		023		HS
SA	0949	CLR	20			214	64	31	01	08		022	000 44	HS
SA	1049	CLR	20			204	68	32	06	03		018		HS
SA	1148	CLR	20			194	71	31	16	03		016		HS
SA	1251	CLR	20			186	71	29	36	04		014	724 1001	HS
SA	1349	CLR	20			181	72	28	34	03		012		HS
SA	1448	CLR	20			177	73	27	13	03		011		HS
SA	1553	CLR	20			174	71	28	22	06		010	614 1001 74 RADAT 20116	HS
SA	1649	CLR	20			174	65	28	25	08		010		HS
SA	1746	CLR	20			187	59	27	06	04		012		HS
SA	1850	CLR	20			193	55	26	09	05		013	310 1001	HS
SA	1947	CLR	20			192	53	26	05	04		013		HS
SA	2049	CLR	20			192	51	27	08	05		014		HS
SA	2153	250 - BKN	20			186	50	27	08	03		013	000 1001 74	HS
SA	2254	CLR	20			182	48	28	09	04		012		HS
SA	2345	CLR	20			175	45	29	31	05		010		HS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1981 NOV 11

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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 51	26.780	50.0	40.6	44	0															0	4	.000			00-01
01 50	26.770	46.0	38.3	49	0															0					01-02
02 50	26.770	44.6	37.6	52	0															0					02-03
03 50	26.770	44.2	37.6	55	0	0	Ci	250												0	6	.010			03-04
04 50	26.765	49.9	40.3	43	0															0					04-05
05 50	26.780	47.7	39.4	53	0															0					05-06
06 50	26.790	45.7	39.8	61	0	0	Ac	150												0	3	.020			06-07
07 48	26.790	50.7	42.0	49	0															0					07-08
08 48	26.800	58.9	45.1	32	0															0					08-09
09 49	26.790	64.3	47.9	28	0															0	0	.000			09-10
10 49	26.760	68.2	50.0	26	0															0					10-11
11 48	26.740	70.6	50.7	23	0															0					11-12
12 51	26.730	71.0	50.3	21	0	0	Ci	250												0	7	.070			12-13
13 49	26.700	72.2	50.6	19	0															0					13-14
14 48	26.690	73.3	50.8	18	0															0					14-15
15 53	26.680	71.3	50.1	20	0	0	Ci	250												0	6	.040			15-16
16 49	26.680	64.7	47.2	24	0															0					16-17
17 46	26.700	52.6	44.3	30	0															0					17-18
18 52	26.711	54.8	42.0	32	0	0	Ci	250												0	3	.030			18-19
19 47	26.710	52.9	41.2	35	0															0					19-20
20 49	26.720	51.3	40.5	38	0															0					20-21
21 53	26.710	50.3	40.0	39	6	6	Ci	250												0	0	.000			21-22
22 54	26.710	47.6	39.0	46	0															0					22-23
23 45	26.680	44.8	37.8	53	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	51	4	X	X						X		
	0345	1	0	0	0	55	4		0								
	0944	2	0	0	0	64	44		0								
	1549	3	0	0	0	74	64		0								
	2149	4	0	0	0	71	50		0								
	MID.	X	0	0	0	50	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0849	0948	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.770	26.790	26.680	26.710
BAROGRAPH 64	26.770	26.785	26.685	26.710
BAR. CORR. 65	0	+.005	-.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 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
74	44	0	0	0	15	N	0853					0	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: 0451P-UK 1 SEC SLOW 1902

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 1 2

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ 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 (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0052	250 - SCT	20			173	47	28	32	02		010	610 1001	MG
SA	0146	250 - SCT	20			174	44	28	07	02		010		MG
SA	0250	250 - BKN	20			163	43	29	18	03		006		MG
SA	0351	250 - BKN	20			164	42	29	11	07		006	610 1008 42 RADAT 36130	RD
SA	0450	250 - BKN	20			165	45	25	10	07		006		RD
SA	0549	250 - BKN	20			170	45	25	03	05		007		RD
SA	0644	250 - ~~BKN~~ SCT	20			174	44	20	05	05		007	102 1058	RC
SA	0750	250 - BKN	20			168	52	27	26	04		007		RD
SA	0848	250 - BKN	20			164	58	26	05	03		006		RD
SA	0946	E250 BKN	20			165	60	27	29	07		007	502 1058 42	RD
SA	1047	E250 BKN	20			155	65	29	13	04		004		RD
SA	1151	160 SCT E250 BKN	20			141	67	27	14	10		000		RD
SA	1250	160 SCT E250 BKN	20			130	69	28	09	09		997	729 1078	RD
SA	1349	160 SCT E250 BKN	20			119	69	27	16	10		994		RD
SA	1450	160 SCT E250 BKN	20			122	68	28	02	05		994		RD
SA	1547	140 SCT E250 OVC	20			127	66	29	15	05		995	507 1072 70	MR
/													RADAT 33129	/
SA	1648	150 SCT E250 OVC	20			130	63	28	25	04		996		MR
SA	1746	150 SCT E250 OVC	20			134	60	29	10	04		996		MR
SA	1849	250 SCT	20			134	59	30	10	09		996	003 1071	MR
SA	1956	250 SCT	20			130	58	30	11	06		996		MR
SA	2046	150 SCT 250 SCT	20			126	61	31	10	05		996		MR
SA	2149	160 SCT E250 OVC	20			122	60	30	04	04	G18	995	802 1052 70	MR
SA	2245	150 SCT E250 OVC	20			122	63	31	18	15	G21	997		MR
SA	2345	E140 BKN 180 OVC	20			107	66	32	19	20	G33	993		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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:1980-0-655-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 12

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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 52	26.680	46.7	38.7	48	1	1	Ci	250												0	6	.030			00-01
01 46	26.680	43.8	37.0	53	1															0					01-02
02 50	26.672	42.8	36.9	58	6															8					02-03
03 51	26.650	41.9	36.2	59	6	6	Cs	250												2	6	.030			03-04
04 50	26.650	44.8	36.5	45	6															2					04-05
05 49	26.655	45.3	36.9	45	7															2					05-06
06 49	26.655	43.8	34.8	39	5	0	Ac	160	5	Cs	250	5								1	1	.005			06-07
07 50	26.650	52.0	41.2	38	7															2					07-08
08 48	26.645	57.8	43.7	30	8															4					08-09
09 46	26.650	60.2	45.0	28	9	0	Ac	160	9	Cs	E250	9								6	5	.005			09-10
10 47	26.621	64.8	49.6	26	8															6					10-11
11 51	26.590	67.0	48.2	22	9															6					11-12
12 56	26.565	68.5	48.8	22	9	3	Ac	160	6	Cs	E250	9								7	7	.035			12-13
13 48	26.535	65.8	49.0	21	9															7					13-14
14 50	26.503	68.0	48.7	22	9															7					14-15
15 47	26.545	66.4	48.3	24	10	3	Ac	140	7	Ci	E250	10								9	5	.020			15-16
16 48	26.555	62.6	46.3	27	10															8					16-17
17 46	26.560	59.6	45.2	31	10															8					17-18
18 49	26.555	58.6	45.1	33	1	0	Ac	150	1	Ci	250	1								1	0	.010			18-19
19 56	26.535	58.2	44.9	34	1															1					19-20
20 46	26.560	61.4	46.8	32	3															3					20-21
21 49	26.550	60.2	46.0	31	10	4	Ac	160	6	Ci	E250	10								7	8	.005			21-22
22 45	26.565	62.5	47.3	31	10															7					22-23
23 45	26.530	65.6	48.8	28	10															10					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 GROUND 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	48	4	X	X						X		
	0345	1	0	0	0	50	40		0								
	0942	2	0	0	0	60	42		0								
	1542	3	0	0	0	70	60		0								
	2143	4	0	0	0	67	58		0								
	MID.	X	0	0	0	66	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.650	26.545	26.550
BAROGRAPH 64	26.650	26.650	26.550	26.550
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 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
70	42	0	0	0	33	5	2337					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	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: 0347 1502 5202 / 17527 1 SEC SLOW

NFI-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 13

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE 1	TIME LST 2	SKY AND CEILING 3	VISIBILITY SURFACE 4	VISIBILITY TOWER 4a	WEATHER AND OBSTRUCTIONS TO VISION 5	SEA LEVEL PRESS. 6	TEMP. °F 7	DEW PT. °F 8	WIND DIR. 9	WIND SPEED 10	WIND CHARACTER 11	ALTIMETER SETTING 12	REMARKS AND SUPPLEMENTAL CODED DATA	INITIALS
SA	0049	130 SCT E180 BKN	20			099	67	32	19	16	G24	991	814 1070	MR
SA	0145	130 SCT 180 SCT	20			109	65	31	20	15	G23	993		MR
SA	0250	E140 BKN 250 BKN	20			111	65	32	19	17	G29	994		MR
SA	0351	E140 BKN 250 BKN	20			108	64	34	21	18		993	007 1078 60 RDHT 50129	RD
SA	0449	E140 BKN 250 BKN	20			123	63	33	21	10		997		RD
SA	0550	E140 BKN 250 BKN	20			125	64	34	18	09		997		RD
SA	0650	E140 BKN 200 BKN	20			139	58	30	30	03		000	320 1078	RD
SA	0750	E140 BKN 200 BKN	20			145	60	31	16	04		002		RD
SA	0849	E140 BKN 200 BKN	20			146	62	31	11	06		003		RD
SA	0950	E140 BKN 200 OVC	20			147	64	32	12	05		004	212 1078 58	RD
SA	1050	E140 BKN 200 OVC	20			136	65	34	16	10		001		RD
SA	1149	E140 BKN 200 OVC	20			125	69	34	20	18		999		RD
SA	1249	E140 BKN 200 OVC	20			117	68	35	19	17		997	222 1078	RD
SA	1350	120 SCT E140 BKN 200 BKN	20			110	69	33	20	17		994	ACSL SE	RD
SA	1450	120 SCT 140 SCT E200 BKN	20			112	70	33	22	18		995	ACSL SE	RD
SA	1549	120 SCT E160 BKN 250 BKN	20			110	68	31	21	12	G22	993	ACSL SE 608 15 70 RDHT 35119	MR
SA	1648	E130 BKN 160 BKN 250 BKN	20			107	66	32	19	22	G30	992		MR
SA	1748	E130 BKN 170 BKN	20			102	65	32	18	25	G35	991		MR
SA	1847	130 SCT E170 BKN	20			111	65	31	19	20	G31	992	503 1070	MR
SA	1947	170 SCT 250-BKN	20			117	64	31	18	15	G25	995		MR
SA	2047	130 SCT E170 BKN 250 OVC	20			115	66	30	18	17	G26	995		MR
SA	2147	120 SCT E160 BKN	20			094	65	29	19	22	G37	988	PK WND 1937/38 81 1070 70	MR
SA	2245	160 SCT 250-BKN	20			094	65	27	18	25	G35	988	PK WND 1943/11	MR
SA	2340	160 SCT 250-BKN	20			091	65	26	19	29	G42	988	PK WND 1843/32	MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dpp $6P_oP_oP_oP_o$ 7RRR$_{is}$ $8N_sCh\,h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO 1980-0-655-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 NOV 13

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.510	66.7	49.5	28	9	4	Ac	130	5	Ac	E180	9								8	8	.040			00-01
01 45	26.535	64.5	48.1	28	5															4					01-02
02 50	26.540	64.5	48.3	29	7															6					02-03
03 51	26.530	64.1	49.0	33	9	8	Ac	E140	1	Cs	250	9								7	0	.020			03-04
04 49	26.560	63.0	48.0	33	9															9					04-05
05 50	26.565	63.4	48.6	33	8															6					05-06
06 50	26.590	58.1	45.0	35	8	6	Ac	E140	2	Cs	200	8								5	3	.060			06-07
07 50	26.610	60.2	46.1	33	8															5					07-08
08 47	26.615	61.9	47.0	31	9															6					08-09
09 50	26.625	64.3	48.4	30	10	6	Ac	E140	4	Cs	200	10								9	2	.035			09-10
10 50	26.600	65.1	49.3	31	10															9					10-11
11 49	26.580	68.6	51.0	28	10															9					11-12
12 49	26.560	68.4	51.0	29	10	8	Ac	E140	2	Cs	200	10								9	7	.065			12-13
13 52	26.540	69.0	50.6	26	9															8					13-14
14 50	26.545	70.0	51.0	25	9															5					14-15
15 48	26.535	67.6	49.8	25	9	3	Ac	120	5	Ac	E160	8	1	Ci	250	9				8	6	.025			15-16
16 49	26.525	65.9	49.1	28	9															8					16-17
17 48	26.510	65.4	48.8	29	7															7					17-18
18 47	26.525	64.8	48.2	28	7	2	Ac	130	5	Ac	E170	7								6	5	.010			18-19
19 49	26.545	64.4	48.0	28	6															3					19-20
20 47	26.545	65.6	48.3	26	10															9					20-21
21 47	26.490	64.8	47.6	26	6	2	Ac	120	4	Ac	E160	6								5	8	.035			21-22
22 45	26.490	64.8	47.0	24	8															4					22-23
23 49	26.490	65.0	46.8	22	9															3					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 0345	X	0	0	X	67	6[illegible]	X	X						X		
	0345	1	0	0	0	67	60		0								
	0945	2	0	0	0	64	58		0								
	1543	3	0	0	0	70	64		0								
	2143	4	0	0	0	68	64		0								
	MID.	X	0	0	0	65	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.625	26.535	26.490
BAROGRAPH 64	26.535	26.630	26.540	26.490
BAR. CORR. 65	-.005	-.005	-.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
70	58	0	0	0	43	S	23:32					9	9		

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: 1057 ISEC SLOW / 1732P 1 SEC SLOW

CHANGED AND RESET MICROBAROGRAPH AT 0957 LST

L LAST OF TWO OCCURENCES

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 14

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ___ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE (5)	VISIBILITY (4) TOWER (6)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SEQUENCE INITIALS (14)
SA	0049	160 SCT 250-OVC	20			094	64	25	19	23	G33	989	PK WND 1643/10 302	MR
													1077	
SA	0148	160 SCT 250-OVC	20			088	65	27	19	27	G38	987	PK WND 1944/35	MR
SA	0250	160 SCT 250-OVC	20			102	63	28	21	22	G35	991	PK WND 1944/25	MR
SA	0352	140 SCT 250-BKN	20			097	63	32	19	27	G38	990	PK WND 1941/40 / 002	RD
													1048 62 RADAT 71115	
SA	0450	140 SCT 250-BKN	20			114	62	33	21	20	G32	994	PK WND 2038/07	RD
SA	0550	140 SCT 250-BKN	20			114	62	36	19	20	G31	994		RD
SA	0652	140 SCT 250-BKN	20			122	62	37	20	23	G30	997	320 1178	RD
SA	0748	70 SCT 140 SCT 250-BKN	20			134	62	40	22	19		000		RD
SA	0849	250-BKN	20			135	64	41	21	15		001	FEW CU ACSL SE	RD
SA	0949	250-BKN	20			144	65	41	21	14	G27	003	220 1148 61	RD
SA	1048	140 SCT 250-SCT	20			139	66	43	19	19	G26	002	FEW CU	RD
SA	1148	140 SCT 250-BKN	20			135	67	43	20	20	G27	001		RD
SA	1250	E140 BKN 250 BKN	20			131	67	44	19	15	G25	000	710 1158	RD
SA	1349	70 SCT E140 BKN 250 BKN	20			131	67	43	19	12	G23	000		RD
SA	1450	140 SCT 250-BKN	20			136	67	42	20	15		001		RD
SA	1549	140 SCT E250 OVC	20			138	66	43	20	12		001	BINOVC 305 1454 68	MR
													RADAT 82L 100124133	
SA	1646	140 SCT E250 BKN	20			138	64	42	19	08		001		MR
SA	1748	250-BKN	20			144	63	41	17	06		002		MR
SA	1847	250-OVC	20			151	58	40	35	04		003	307 1002	MR
SA	1948	140 SCT 250-OVC	20			155	57	39	36	06		004		MR
SA	2046	140 SCT E250 BKN	20			158	56	39	06	03		006		MR
SA	2147	140 SCT E250 OVC	20			160	56	38	09	04		006	108 1052 68	MR
SA	2247	E140 BKN 250 BKN	20			160	54	39	07	06		006		MR
SA	2346	E140 BKN 250 BKN	20			164	52	38	10	04		007		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 1980-0-665 115 1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 14

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.495	64.4	46.4	22	10	2	Ac	160	8	Cs	250	10								5	3	.005			00-01
01 48	26.490	64.5	46.9	24	10															5					01-02
02 50	26.515	63.2	46.7	26	10															4					02-03
03 52	26.530	63.4	48.0	31	7	2	Ac	140	5	Cs	250	7								3	0	.005			03-04
04 50	26.540	62.2	47.8	34	7															3					04-05
05 50	26.540	62.1	48.8	38	7															3					05-06
06 52	26.560	61.8	48.9	39	7	0	Cu	70	3	Ac	140	3	4	Cs	250	7				3	3	.060			06-07
07 48	26.590	61.9	50.4	45	9															3					07-08
08 49	26.600	63.6	51.4	44	8															2					08-09
09 49	26.620	64.8	52.0	42	8	0	Cu	70	0	Ac	140	0	8	Cs	250	8				2	2	.060			09-10
10 48	26.610	66.0	53.0	43	5															2					10-11
11 48	26.600	66.6	53.2	42	7															3					11-12
12 50	26.590	66.9	53.8	43	8	0	Cu	70	6	Ac	E140	6	2	Cs	250	8				5	7	.030			12-13
13 49	26.590	67.0	53.8	42	8															5					13-14
14 50	26.600	66.7	53.2	40	8															7					14-15
15 49	26.605	66.0	53.0	43	10	0	Sc	40	5	Ac	140	5	5	Ci	E250	10				7	3	.015			15-16
16 46	26.600	63.8	51.7	44	9															5					16-17
17 48	26.615	62.6	50.9	45	9															4					17-18
18 47	26.625	57.8	48.5	52	10	10	Ci	250												5	3	.020			18-19
19 48	26.635	56.6	47.6	52	10															5					19-20
20 46	26.645	55.9	47.1	53	9															6					20-21
21 47	26.650	56.3	46.9	50	10	3	Ac	140	7	Ci	E250	10								6	1	.025			21-22
22 47	26.650	54.2	46.2	55	9															8					22-23
23 46	26.660	52.2	44.8	57	7															6					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	65	62	X	X						X		
	0345	1	0	0	0	65	62		0								
	0943	2	0	0	0	65	61		0								
	1543	3	0	0	0	68	64		0								
	2143	4	0	0	0	66	55		0								
	MID.	X	0	0	0	56	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.620	26.605	26.650
BAROGRAPH 64	26.490	26.620	26.600	26.640
BAR. CORR. 65	+.010	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
65	52	0	0	0	44	SW	0225Z					8	8		

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: 0532 OK / 1648P 1 SEC SLOW

L' LAST OF SEVERAL OCCURRENCES

MF1-10A (10-78) 2

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

STATION WSMO, DESERT ROCK, NV

DATE 1981 NOV 15

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ___ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE	TIME	SKY AND CEILING	VISIBILITY SURFACE	VISIBILITY TO VISION	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP.	DEW PT.	WIND DIRECTION	WIND SPEED	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVATION INITIALS
SA	0048	E150 BKN 250 BKN	20			162	52	38	10	05		007	002 1071	ML
SA	0145	150 SCT	20			167	51	38	16	04		008		ML
SA	0250	150 SCT 250-OVC	20			167	47	37	01	04		007		ML
SA	0349	250 - SCT	20			164	47	36	36	03		006	802 1031 47 RADAT 54132	JD
SA	0447	250 - SCT	20			170	45	37	10	03		007		JD
SA	0548	250 - SCT	20			173	45	36	04	04		008		JD
SA	0649	250 - SCT	20			182	44	37	05	03		010	310 1031	JD
SA	0746	250 - SCT	20			180	51	38	34	02		011		JD
SA	0848	250 - SCT	20			179	57	39	14	03		011		JD
SA	0949	CLR	20			173	61	40	33	03		010	000 1031 44	JD
SA	1046	CLR	20			166	66	37	12	05		008		JD
SA	1148	CLR	20			144	75	35	19	21	G29	003		JD
SA	1248	CLR	20			141	75	36	18	21		002	724 1001	JD
SA	1347	CLR	20			136	75	36	19	12	G28	000		JD
SA	1450	CLR	20			140	73	35	20	14	G24	001		JD
SA	1549	CLR	20			141	71	37	22	18	G24	001	503 1001 77 RADAT 25136	US
SA	1646	CLR	20			147	68	38	22	14	G21	002		US
SA	1748	CLR	20			149	65	37	21	14	G20	002		US
SA	1850	CLR	20			164	62	36	20	14	G20	005	314	US
SA	1946	CLR	20			161	64	39	20	12	G18	006		US
SA	2048	CLR	20			159	61	37	22	07		006		US
SA	2148	CLR	20			165	56	35	03	10		007	307 787	US
SA	2251	CLR	20			167	54	34	12	06		008		US
SA	2348	250 - SCT	20			164	52	34	09	04		008		US

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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: 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 NOV 15

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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 48	26.655	51.8	44.7	58	6	6	Ac	2150	0	Ci	250	6								5	0	.005			00-01
01 45	26.665	50.9	44.4	61	5															4					01-02
02 50	26.660	47.1	42.0	67	10															2					02-03
03 49	26.650	47.1	41.9	66	4	0	Ac	150	4	Ci	250	4								1	8	.005			03-04
04 47	26.660	45.2	41.4	74	1															0					04-05
05 48	26.665	45.0	40.9	72	1															0					05-06
06 49	26.680	44.0	40.6	76	4	0	Ac	150	4	Ci	250	4								0	3	.030			06-07
07 46	26.685	50.5	44.4	63	1															0					07-08
08 53	26.690	56.9	47.5	52	1															0					08-09
09 49	26.680	61.1	49.9	46	0	0	Ac	150	0	Ci	250	0								0	0	.000			09-10
10 46	26.665	66.0	50.8	34	0															0					10-11
11 48	26.620	74.9	53.6	23	0															0					11-12
12 48	26.610	74.6	53.9	24	0	0	Ci	250												0	7	.070			12-13
13 47	26.595	75.0	54.1	24	0															0					13-14
14 50	26.600	73.4	53.2	25	0															0					14-15
15 49	26.600	71.3	53.0	29	0	0	Ci	250												0	5	.010			15-16
16 46	26.605	68.2	51.9	33	0															0					16-17
17 48	26.605	65.4	50.7	35	0															0					17-18
18 50	26.640	62.4	49.0	38	0															0	3	.040			18-19
19 46	26.645	64.0	50.7	40	0															0					19-20
20 48	26.645	61.0	48.8	41	0															0					20-21
21 48	26.660	56.0	45.9	45	0															0	3	.020			21-22
22 51	26.670	54.0	44.9	47	0															0					22-23
23 48	26.670	51.5	43.0	50	2															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	52	47	X	X						X		
	0344	1	0	0	0	56	47		0								
	0945	2	0	0	0	61	44		0								
	1541	3	0	0	0	77	61		0								
	2140	4	0	0	0	71	56		0								
	MID.	X	0	0	0	56	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.680	26.600	26.660
BAROGRAPH 64	26.645	26.670	26.590	26.650
BAR. CORR. 65	+.005	+.010	+.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 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
77	44	0	0	0	31	5	1313					1	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: 0523 P ON TIME

2033 P ON TIME

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WMO DESERT ROCK, NV

DATE: 1981 NOV 16

TO CONVERT LST TO GMT ADD 8 hrs SUBTRACT ___ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY Miles SURFACE (4)	VISIBILITY Miles TOWER (5)	WEATHER AND OBSTRUCTIONS TO VISION (6)	SEA LEVEL PRESS. (Mbs.) (7)	TEMP. °F (8)	DEW PT. °F (9)	WIND DIRECTION (10)	WIND SPEED Kts. (11)	WIND CHARACTER (12)	ALTIMETER SETTING (Ins.) (13)	REMARKS AND SUPPLEMENTAL CODED DATA (14)	OBSERVER'S INITIALS (15)
SA	0050	250-SCT	20			164	51	35	09	07		008	103 1001	US
SA	0148	CLR	20			170	47	34	03	02		009	FEW CI	US
SA	0248	CLR	20			171	46	31	35	03		009		US
SA	0350	CLR	20		179	172	43	31	33	02		011	307 1001 43 RADAT 20140	JD
SA	0448	250-SCT	20		186	175	43	31	09	02		011		JD
SA	0546	250-BKN	20			186	43	32	36	03		012		JD
SA	0648	250-OVC	20			195	43	32	09	04		014	210 1007	JD
SA	0748	250-OVC	20			195	48	33	06	04		015		JD
SA	0847	250-OVC	20			197	55	34	32	03		016		JD
SA	0948	250-BKN	20			192	62	36	17	02		015	003 1008 42	JD
SA	1046	250-BKN	20			189	66	39	18	03		015		JD
SA	1147	250-BKN	20			175	68	39	27	03		011		JD
SA	1249	250-OVC	20			168	70	38	18	07		008	720 1007	JD
SA	1349	250-OVC	20			159	73	24	18	10G24		006		JD
SA	1450	250-SCT.	20			162	70	35	13	10		006		JD
SA	1548	280-SCT	20			163	68	36	12	08		006	808 1008 74 RADAT 20146	US
SA	1648	280-SCT	20			159	65	34	12	11		004		US
SA	1750	280-SCT	20			166	59	32	09	05		005		US
SA	1848	300-SCT	20			171	58	32	04	07		006	302 1008	US
SA	1950	300-SCT	20			169	56	32	22	04		006		US
SA	2046	300-SCT	20			167	53	28	06	07		006		US
SA	2150	CLR	20			164	50	27	35	04		006	400 1008 74	US
SA	2250	CLR	20			162	49	27	36	07		006		US
SA	2350	250-BKN	20			153	54	25	04	06		005		US

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 1980-0-665-115/1108

MF1-10B (11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 16

To convert LST to GMT ADD 6 hrs. SUBTRACT ___ 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	26.670	50.5	43.1	55	2	2	Ci	250												0	1	010			00-01
01 48	26.680	47.4	41.0	59	0															0					01-02
02 48	26.680	45.7	39.3	57	0															0					02-03
03 50	26.690	43.4	38.0	62	0	0	Ci	250												0	3	.020			03-04
04 48	26.690	43.3	37.9	62	2															0					04-05
05 46	26.700	43.0	38.1	65	9															0					05-06
06 48	26.720	42.7	38.0	66	10	10	Cs	250												1	2	.030			06-07
07 48	26.730	48.1	41.2	56	10															1					07-08
08 47	26.740	54.7	44.8	46	10															1					08-09
09 48	26.730	62.1	48.9	38	9	9	Cs	230												1	0	.010			09-10
10 46	26.725	65.8	51.5	37	8															1					10-11
11 47	26.680	67.5	52.1	35	9															1					11-12
12 49	26.670	69.9	52.9	32	10	10	Cs	250												1	7	.060			12-13
13 49	26.650	73.3	50.0	16	10															1					13-14
14 50	26.650	70.2	51.9	28	3															1					14-15
15 48	26.645	68.2	51.2	30	3	3	Cs	280												1	8	025			15-16
16 48	26.630	64.6	49.0	31	2															1					16-17
17 50	26.640	59.3	46.0	35	1															0					17-18
18 48	26.650	57.7	45.5	38	1	1	Cs	300												0	3	005			18-19
19 50	26.650	55.6	44.4	41	1															0					19-20
20 46	26.650	53.0	41.8	38	1															0					20-21
21 50	26.650	49.6	39.8	41	0	0	Cs	300												0	4	000			21-22
22 50	26.645	48.5	39.3	43	0															0					22-23
23 50	26.635	53.7	41.2	32	6															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	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ms Hs Ps Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		52	43										
	0345	1	0	0	0	56	43		0								
	0945	2	0	0	0	62	42		0								
	1541	3	0	0	0	74	62		0								
	2142	4	0	0	0	68	49		0								
	MID.		0	0	0	54	48										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.730	26.645	26.650
BAROGRAPH 64	26.675	26.725	26.635	26.640
BAR. CORR. 65	+.015	+.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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
74	42	0	0	0	24	S	1344					8	4		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0518P ON TIME
2224P ON TIME

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NV

DATE: 1951 NOV 1

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ 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. (Mb.) (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 (14)
SA	0046	E 250 OVC	20			153	53	28	13	03		005	THN SPTS 10VC / 605 1007	DS
SA	0149	250 - BKN	20			147	56	29	10	10		004		DS
SA	0245	E 250 OVC	20			142	56	29	12	03		003		DS
SA	0349	E 210 OVC	20			133	59	24	10	04		999	815 1007 48 RADAT 20134	JD
SA	0450	E 210 OVC	20			136	57	26	11	08		999		JD
SA	0548	220 - OVC	20			138	56	25	13	08G19		999		JD
SA	0650	E 210 OVC	20			132	65	22	22	12G21		998	BINOVC NW 803 1008	JD
SA	0747	220 - BKN	20			129	67	21	19	19G30		997		JD
SA	0848	220 - BKN	20			129	68	21	21	19G28		997	PK WND 1936/15	JD
SA	0948	220 - BKN	20			124	69	23	21	24G43		996	PK WND 2043/40 608 1008 48	JD
SA	1048	220 SCT	20			125	71	31	23	28G45		996	PK WND 2145/39	JD
SA	1147	220 SCT	20			120	71	36	22	28G44		995	PK WND 1945/04	JD
SA	1248	220 SCT	20			120	70	36	20	24G36		995	PK WND 1937/35 802 1102	JD
SA	1347	220 SCT	20			113	70	36	19	26G35		994	PK WND 1945/21	JD
SA	1450	220 SCT	20			118	69	39	19	21G30		995	PK WND 1937/13	JD
SA	1549	220 SCT	20			117	68	41	21	16G27		995	500 1108 73 RADAT 20165	DS
SA	1648	280 SCT	20			121	64	41	24	17G28		995	FEW CU AND AC	DS
SA	1750	280 SCT	20			~~125~~ 133	62	40	24	10G22		998		DS
SA	1848	E 220 BKN	20			137	60	34	24	03		001	~~1135~~ 317 1138	DS
SA	1948	E 220 OVC	20			150	59	34	36	07		004	BINOVC	DS
SA	2047	220 - OVC	20			158	57	37	31	13		007		DS
SA	2150	E 220 OVC	20			171	57	36	03	10		011	330 1037 73	DS
SA	2247	220 - SCT	20			179	54	23	04	15		013		DS
SA	2349	220 - SCT	20			193	52	18	03	10		016		DS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_sP_sP_sP_s$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S GPO:1980-0-665-115/1108

MF1-10B (11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 1 1

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ 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	26.635	53.0	41.9	38	10	10	CS	E250												6	6	015			00-01
01 49	26630	55.8	43.5	36	8															4					01-02
02 45	26.615	56.4	43.7	34	10															6					02-03
03 49	26.590	59.4	43.8	25	10	10	CS	E210												10	8	.045			03-04
04 50	26.590	56.7	42.9	30	10															7					04-05
05 48	26.585	55.9	42.4	30	10															3					05-06
06 50	26.580	64.9	45.8	19	10	10	CS	E210												9	8	.010			06-07
07 47	26.570	66.5	46.4	17	9															3					07-08
08 48	26.570	68.1	47.1	17	9															4					08-09
09 48	26.555	69.1	48.1	18	6	6	CS	220												1	6	.025			09-10
10 48	26.560	71.2	51.1	23	1															1					10-11
11 47	26.550	70.9	52.3	28	1															1					11-12
12 48	26.550	70.1	52.2	29	3	0	CU	100	3	CS	220	3								2	8	.005			12-13
13 47	26.535	70.3	52.1	28	2															2					13-14
14 50	26.550	69.0	52.7	33	1															1					14-15
15 49	26.550	67.5	53.1	38	1	0	CU	50	1	CS	220	1								1	5	000			15-16
16 48	26.550	64.2	51.7	43	1															1					16-17
17 50	26.580	62.0	50.4	45	1															1					17-18
18 48	26.600	60.0	47.0	37	7	0	CU	80	0	AC	140	0	7	CS	E220	7				5	3	050			18-19
19 48	26.630	57.2	46.0	42	10															7					19-20
20 47	26.655	59.4	47.1	47	10															5					20-21
21 50	26.690	57.0	46.3	45	10	0	AC	140	10	CS	E220	10								7	3	090			21-22
22 49	26.710	53.7	40.8	30	2															1					22-23
23 49	26.740	52.0	38.6	25	3															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	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S H_S M_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	59	52		X	X	X	X	X	X	X		
	0344	1	0	0	0	59	48		0								
	0944	2	0	0	0	70	55		0								
	1541	3	0	0	0	73	68		0								
	2142	4	0	0	0	68	56		0								
	MID.	X	0	0	0	57	52		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.555	26.550	26.680
BAROGRAPH 64	26.585	26.545	26.550	26.690
BAR. CORR. 65	+.005	+.010*	±0	±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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
73	52	0	0	0	45	S	1321 1/					4	6		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0512P ON TIME
1932P ON TIME

1/ LAST OF SEVERAL OCCURANCES

* Barograph changed 0952P 0 Corr

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK, NV

DATE: 1531 NOV 18

TO CONVERT LST TO GMT: ADD 6 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST. (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY Miles: SURFACE (14)	VISIBILITY Miles: TOWER (14)	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)	OB. SENDERS INITIALS (15)
SA	0050	250 - SCT	20			201	49	15	07	06		018	224 1078	DS
SA	0145	250 - BKN	20			207	51	15	06	04		020		DS
SA	0246	250 - BKN	20			208	50	14	08	10		020		DS
SA	0348	270 - SCT	20			218	45	12	05	08		022	210 1008 45 RADAT 20100	JD
SA	0448	CLR	20			227	45	14	05	05		024		JD
SA	0548	CLR	20			235	45	15	07	08		026		JD
SA	0647	CLR	20			239	45	17	06	10		027	215	JD
SA	0747	CLR	20			245	48	18	05	10		028		JD
SA	0848	CLR	20			245	50	19	04	14		029		JD
SA	0948	CLR	20			250	52	19	04	10		031	212 42	JD
SA	1047	300 - SCT	20			242	56	19	04	12		028		JD
SA	1147	300 - SCT	20			236	56	18	07	11		026		JD
SA	1248	300 - SCT	20			228	58	18	05	09	G19	024	820 1006	JD
SA	1347	300 - BKN	20			218	59	15	03	13		022		JD
SA	1450	300 - OVC.	20			220	60	16	04	10		022		JD
SA	1547	300 - OVC	20			219	59	11	04	16		020	610 1007 61 RADAT 20107	CG
SA	1649	300 - BKN	20			228	55	16	04	12		023		CG
SA	1747	300 - BKN	20			237	53	20	07	13		025		CG
SA	1848	300 - SCT	20			237	53	15	08	13		025	114 1008	CG
SA	1951	300 - BKN	20			239	48	13	04	12		025		CG
SA	2045	300 - BKN	20			238	48	12	04	13		025		CG
SA	2148	300 - OVC	20			242	46	15	04	14		026	303 1007 61	CG
SA	2246	300 - OVC	20			236	45	15	05	16		025		CG
SA	2349	300 - BKN	20			232	45	15	04	12		024		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_gT_{dapp} $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO:1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: NOV 1 8

To convert LST to GMT ADD 7 hrs. SUBTRACT ___ 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	26.760	48.8	36.2	25	2	0	Ac	150	2	CS	250	2								1	2	.070			00-01
01 45	26.775	51.0	37.5	24	8															3					01-02
02 46	26.775	50.2	36.8	23	8															3					02-03
03 48	26.790	44.9	33.5	26	4	4	CS	270												1	2	.030			03-04
04 48	26.810	45.3	34.2	28	0															0					04-05
05 48	26.830	45.0	34.2	29	0															0					05-06
06 47	26.835	45.2	34.7	31	0															0	2	.045			06-07
07 47	26.850	48.2	36.6	30	0															0					07-08
08 48	26.855	49.7	37.7	29	0															0					08-09
09 48	26.870	51.6	38.7	27	0															0	2	.035			09-10
10 47	26.850	55.6	40.8	24	2															0					10-11
11 47	26.830	55.9	40.6	22	1															0					11-12
12 45	26.810	58.1	41.8	21	4	4	Ci	300												0	8	.060			12-13
13 47	26.790	58.9	41.5	17	8															0					13-14
14 50	26.790	59.6	42.0	18	10															1					14-15
15 47	26.780	59.1	40.9	14	10	10	Cs	300												3	6	.030			15-16
16 49	26.800	54.9	39.7	21	8															3					16-17
17 47	26.820	53.1	39.2	25	8															3					17-18
18 48	26.820	52.9	38.5	22	2	2	Cs	300												0	1	.040			18-19
19 51	26.820	48.1	35.5	24	7															3					19-20
20 45	26.820	47.6	35.0	23	7															3					20-21
21 48	26.830	45.9	34.6	28	10	10	Cs	300												5	3	.010			21-22
22 46	26.820	45.4	34.5	29	10															5					22-23
23 49	26.810	44.7	34.0	30	6															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	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S M_S H_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	52	45		X	X	X	X	X	X	X		
	0344	1	0	0	0	57	45		0								
	0944	2	0	0	0	52	42		0								
	1543	3	0	0	0	61	52		0								
	2144	4	0	0	0	60	46		0								
	MID.	X	0	0	0	46	45		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.870	26.780	26.830
BAROGRAPH 64	26.795	26.880	26.790	26.830
BAR. CORR. 65	-.005	-.010	-.010	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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
61	42	0	0	0	23	NE	1426					4	5		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0505P ON TIME 1818PST OK

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region 4

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 19

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	300-BKN	20			228	44	13	05	13		023	710 1008	CG
SA	0150	300-BKN	20			228	43	13	04	09		023		CG
SA	0251	300-BKN	20			224	43	13	03	10		022		CG
SA	0348	300-BKN	20			220	43	14	05	08		021	807 1008 42 RADAT 21121	RK
SA	0445	300-BKN	20			221	43	14	03	10		021		RK
SA	0545	300-BKN	20			224	41	15	05	06		021		RK
SA	0645	120 SCT 300-BKN	20			221	43	14	08	08		020	802 1038	RK
SA	0745	300-BKN	20			225	45	11	02	05		022		RK
SA	0845	300-BKN	20			229	50	13	11	07		029	023	RK
SA	0945	300-BKN	20			233	54	11	12	11		024	012 1008 41	RK
SA	1046	300-BKN	20			221	57	7	08	13		021		RK
SA	1145	300-BKN	20			209	57	5	12	14		017		RK
SA	1247	300-BKN	20			197	58	8	14	11		014	730 1002	RK
SA	1345	300-SCT	20			189	59	11	16	12		012		RK
SA	1451	300-SCT	20			185	60	10	12	12		011		RK
SA	1547	300 SCT	20			190	57	7	11	12		012	507 1008 61 RADAT 25120	CG
SA	1649	E300 BKN	20			197	53	7	12	08		013		CG
SA	1747	E300 BKN	20			198	51	8	11	10		013		CG
SA	1848	E300 OVC	20			194	50	10	10	06		012	000 1007	CG
SA	1946	E300 OVC	20			197	49	8	13	08		013		CG
SA	2046	300-BKN	20			204	45	10	02	08		015		CG
SA	2150	300-BKN	20			204	43	11	32	06		015	110 1008 61	CG
SA	2249	300-BKN	20			198	42	9	02	05		014		CG
SA	2346	300-BKN	20			199	40	9	18	06		014		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1981 NOV 19

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.800	43.9	33.1	28	7	7	Cs	300												3	7	-.030			00-01
01 50	26.800	43.1	32.6	29	8															4					01-02
02 51	26.790	42.7	32.4	29	8															4					02-03
03 48	26.780	43.3	33.0	30	8	8	Cs	300												3	8	.020			03-04
04 45	26.780	42.8	32.8	31	9															3					04-05
05 45	26.780	41.1	31.9	35	9															3					05-06
06 45	26.775	42.9	32.9	31	9	2	Ac	120	7	Cs	300	9								3	8	.005			06-07
07 45	26.790	45.3	33.6	25	6															1					07-08
08 45	26.800	50.2	36.7	22	7															2					08-09
09 45	26.810	53.5	38.1	18	8	8	Cs	300												2	0	0.35			09-10
10 46	26.780	57.0	39.3	13	8															3					10-11
11 45	26.750	57.0	39.0	12	9															4					11-12
12 47	26.720	58.0	39.9	13	6	6	Ci	300												1	7	.090			12-13
13 45	26.700	59.1	40.9	15	2															0					13-14
14 51	26.690	59.7	41.0	13	3															1					14-15
15 47	26.700	56.9	39.1	13	5	5	Cs	300												3	5	.020			15-16
16 49	26.710	53.3	37.4	15	7															4					16-17
17 47	26.710	50.7	36.1	18	7															4					17-18
18 48	26.700	50.4	36.2	19	10	10	Cs	300												7	0	.000			18-19
19 46	26.710	48.9	35.0	18	10															6					19-20
20 46	26.730	44.8	33.1	24	8															4					20-21
21 50	26.730	42.6	32.0	27	7	7	Cs	300												3	1	.030			21-22
22 49	26.720	41.8	31.1	26	7															3					22-23
23 46	26.720	39.7	29.9	28	7															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 0345	X	0	0	X	45	42	X	X						X		
	0345	1	0	0	0	46	42		0								
	0942	2	0	0	0	54	41		0								
	1543	3	0	0	0	61	54		0								
	2144	4	0	0	0	58	43		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1546	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.810	26.700	26.730
BAROGRAPH 64	26.710	26.810	26.700	26.730
BAR. CORR. 65	-.010	0	0	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
61	40	0	0	0	19	E	1049					6	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: 1051 OK 1910 PST OK

MF1-10B

☆ U.S. Government Printing Office: 1979—665-010/1153 Region No. 6.

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 20

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0046	300 SCT	20			201	37	6	02	03		014	603 1008	CG
SA	0148	300 SCT	20			196	36	4E	21	02		013		CG
SA	0247	300 SCT	20			193	35	6	05	03		012		CG
SA	0348	CLR	20			196	34	9	03	03		012	607 1001 34 RADAT 20123	RK
SA	0447	CLR	20			198	35	8	08	03		012		RK
SA	0545	180 SCT 250 - BKN	20			199	36	10	00	00		012		RK
SA	0645	150 SCT 250 - BKN	20			206	35	11	00	00		014	307 1052	RK
SA	0746	E150 ~~SCT~~ BKN 250 BKN	20			212	39	14	00	00		016		RK
SA	0848	E150 BKN 250 BKN	20			212	43	11	00	00		016		RK
SA	0945	E150 BKN 250 BKN	20			211	47	8	14	05		016	0037 1052 34	RK
SA	1045	E180 BKN 250 BKN	20			204	54	8	11	10		015		RK
SA	1148	180 SCT E250 BKN	20			195	58	6	13	06		013		RK
SA	1245	180 SCT 250 - BKN	20			195	61	3	30	05		013	610 1031	RK
SA	1345	250 - BKN	20			191	62	1	34	04		012		RK
SA	1451	250 - OVC	20			185	62	1	25	04		010		RK
SA	1550	250 - OVC	20			193	60	5	22	05		012	503 1007 63 RADAT 47120	CG
SA	1647	250 - BKN	20			196	54	8	22	04		012		CG
SA	1746	250 - BKN	20			209	46	7	05	02		014		CG
SA	1848	250 - BKN	20			209	46	8	09	05		014	107 1008	CG
SA	1951	250 SCT	20			213	44	8	11	04		015		CG
SA	2050	250 SCT	20			220	40	9	12	02		017		CG
SA	2148	250 SCT	20			222	39	13	32	03		018	114 1008 63	CG
SA	2250	250 SCT	20			213	40	10	09	03		017		CG
SA	2345	250 SCT	20			212	38	12	17	03		017		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dopp} $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 20

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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.
0046	26.720	36.9	27.7	27	4	4	Cs	300												3	6	.010			00-01
0148	26.710	36.1	27.4	29	5															3					01-02
0247	26.700	34.9	26.5	29	3															2					02-03
0348	26.700	34.2	26.6	34	0	0	Ci	300												0	6	.020			03-04
0447	26.700	34.7	26.8	32	0															0					04-05
0545	26.700	36.1	28.0	33	6															2					05-06
0645	26.720	35.3	27.8	37	8	5	Ac	150	3	Ci	250	8								3	3	.020			06-07
0746	26.740	38.9	30.4	36	9															6					07-08
0848	26.740	43.0	32.2	26	9															8					08-09
0945	26.740	47.2	34.2	20	9	7	Ac	150	2	Ci	250	9								7	0	.020			09-10
1045	26.730	54.0	37.8	15	9															6					10-11
1148	26.710	58.1	39.6	12	8															5					11-12
1245	26.710	60.8	40.6	9	6	1	Ac	180	6	Ci	250	6								2	6	0.30			12-13
1345	26.700	61.7	40.9	8	7															2					13-14
1451	26.650	62.2	41.1	8	10															2					14-15
1550	26.700	59.5	40.2	11	10	10	Cs	250												.5	5	.010			15-16
1647	26.700	54.1	37.9	15	9															4					16-17
1746	26.720	46.1	33.4	20	9															4					17-18
1848	26.720	45.7	33.2	21	6	6	Cs	250												3	1	.020			18-19
1951	26.730	43.5	32.0	23	4															3					19-20
2050	26.750	40.2	30.1	27	4															3					20-21
2148	26.760	38.9	30.1	33	4	4	Cs	250												3	1	.040			21-22
2250	26.750	39.8	30.1	29	4															3					22-23
2345	26.750	38.1	29.9	36	4															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 0346	X	0	0	X	40	34	X	X						X		
	0346	1	0	0	0	43	34		0								
	0943	2	0	0	0	47	34		0								
	1545	3	0	0	0	63	47		0								
	2144	4	0	0	0	60	39		0								
	MID.	X	0	0	0	40	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.740	26.700	26.760
BAROGRAPH 64	26.705	26.745	26.700	26.760
BAR. CORR. 65	-005	-005	0	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
63	34	0	0	0	10	E	*1128					9	6		

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: 0933 OK 1910 PST OK

* LAST OF SEVERAL OCCURRENCES

MF1-10B

☆ U.S. Government Printing Office: 1979—665 010/1153 Region No. 6.

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 21

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVER'S INITIALS (14)
SA	0048	250 SCT	20			210	38	12	04	05		017	603 1008	CG
SA	0147	E250 OVC	20			209	38	7	32	04		017		CG
SA	0246	180 SCT E250 OVC	20			212	40	9	08	03		018		CG
SA	0350	180 SCT E250 OVC	20			206	40	10	32	06		016	803 1037 38 RADAT 52119	RK
SA	0445	180 SCT E250 OVC	20			210	41	7	31	07		017		RK
SA	0545	180 SCT E250 BKN	20			217	44	9	30	04		018		RK
SA	0645	180 SCT E250 BKN	20			217	40	6	36	05		017	003 1032	RK
SA	0745	E180 BKN 250 OVC	20			215	45	8	00	00		017		RK
SA	0845	E180 BKN 250 BKN	20			221	52	3	16	04		020		RK
SA	0945	E180 BKN 250 BKN	20			226	53	2	20	03		021	310 1052 38	RK
SA	1045	E180 BKN 250 BKN	20			214	55	3	13	12		018		RK
SA	1146	E180 BKN 250 BKN	20			205	58	7	12	06		015		RK
SA	1245	180 SCT E250 BKN	20			200	59	4	32	03		014	720 1048	RK
SA	1345	180 SCT E250 BKN	20			186	63	4	02	03		011		RK
SA	1451	180 SCT E250 BKN	20			176	61	10	12	09		009		RK
SA	1547	E180 BKN 250 BKN	20			178	59	11	12	05		008	517 1048 63 RAMT 34126	CG
SA	1646	E180 BKN 250 BKN	20			178	55	10	11	07		007		CG
SA	1746	E180 BKN 250 OVC	20			184	54	12	10	06		010		CG
SA	1847	E180 BKN 250 OVC	20			184	52	11	12	08		005	000 1048	CG
SA	1945	E180 BKN 250 OVC	20			180	53	11	09	06		008		CG
SA	2047	180 SCT 250-BKN	20			178	46	9	06	08		008		CG
SA	2147	180 SCT 250-BKN	20			178	46	6	05	03		008	000 1048 63	CG
SA	2247	250-SCT	20			175	44	13	08	04		007		CG
SA	2347	250 SCT	20			184	40	11	09	02		010		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 21

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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.
0048	26.750	38.2	29.6	34	5	5	CS	250												3	6	.010			00-01
0147	26.750	37.6	28.3	27	10															7					01-02
0246	26.760	40.4	30.2	27	10															10					02-03
0350	26.740	39.9	30.1	28	10	2	AC	180	10	CS	E250	10								8	8	.010			03-04
0445	26.745	41.0	30.2	24	10															8					04-05
0545	26.755	44.2	32.5	23	8															5					05-06
0645	26.750	40.0	29.5	24	8	2	AC	180	6	CS	E250	8								5	0	.010			06-07
0745	26.750	45.2	33.0	21	10															8					07-08
0845	26.770	51.5	35.8	13	9															6					08-09
0945	26.780	52.8	36.3	12	9	7	AC	E180	2	CS	250	9								8	3	.030			09-10
1045	26.755	55.1	37.7	12	9															9					10-11
1146	26.730	58.0	39.8	13	9															9					11-12
1245	26.720	59.2	40.2	11	9	2	ACSL	180	7	CS	E250	9								6	7	.060			12-13
1345	26.690	63.1	41.9	9	9															5					13-14
1451	26.665	60.6	41.5	13	9															6					14-15
1547	26.670	59.1	40.9	14	9	6	ACSL	E180	3	CS	250	9								7	5	.050			15-16
1646	26.660	55.2	38.8	16	9															7					16-17
1746	26.680	53.8	38.4	19	10															9					17-18
1847	26.670	51.7	37.1	19	10	7	ACSL	E180	3	CS	250	10								9	0	.000			18-19
1945	26.670	52.9	37.7	18	10															10					19-20
2047	26.670	46.4	33.8	21	6															3					20-21
2147	26.670	46.7	33.0	19	7	2	ACSL	180	5	CS	250	7								3	0	.000			21-22
2247	26.660	43.8	33.1	28	4															2					22-23
2347	26.680	39.9	30.3	30	5															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 0348	X	0	0	X	41	38	X	X						X		
	0348	1	0	0	0	41	38		0								
	0943	2	0	0	0	53	40		0								
	1543	3	0	0	0	63	53		0								
	2143	4	0	0	0	60	46		0								
	MID.	X	0	0	0	46	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.780	26.670	26.670
BAROGRAPH 64	26.750	26.780	26.670	26.670
BAR. CORR. 65	-010	-0.0*	0	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
63	38	0	0	0	12	E	*1059					9	9		

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: 0930 P OK 1835/ST OK

* BAROGRAM CHANGED - RESET TO ZERO

* LAST OF SEVERAL OCCURENCES

MF1-10B

☆ U.S. Government Printing Office: 1979—665-010/1153 Region No. 6.

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 22

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ 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 (90-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	250 SCT	20			176	39	10	01	04		007	803 1008	CG
SA	0145	250 SCT	20			178	39	10	07	03		008		CG
SA	0245	250-BKN	20			184	37	12	05	02		010		CG
SA	0350	250-BKN	20			181	37	13	32	02		008	003 1008 36 RADAT 57123	008
SA	0450	250-BKN	20			184	36	13	33	04		008		008
SA	0550	250-BKN	20			188	37	12	03	04		009		008
SA	0649	250-BKN	20			194	38	9	11	03		011	307 1001	008
SA	0748	E250 BKN	20			192	43	12	30	04		012		008
SA	0846	E250 BKN	20			200	49	14	15	02		014		008
SA	0947	E250 BKN	20			194	54	14	09	02		013	007 1002 36	008
SA	1049	E250 BKN	20			189	57	15	23	02		012		008
SA	1148	E250 BKN	20			183	60	17	25	03		010		008
SA	1249	E250 BKN	20			172	59	15	23	06		006	820 1002	008
SA	1348	E250 BKN	20			171	60	16	23	05		006		008
SA	1444	E250 OVC	20			174	59	16	21	05		006		008
SA	1546	E250 OVC	20			174	57	15	21	03		007	400 1007 61 RADAT 40125	LEF
SA	1645	E250 OVC	20			174	52	15	07	02		005		LEF
SA	1745	E250 OVC	20			185	48	14	04	06		008		LEF
SA	1846	E250 OVC	20			194	47	17	12	03		011	312 1007	LEF
SA	1949	E250 OVC	20			194	46	17	09	04		011		LEF
SA	2045	E250 BKN	20			188	44	17	35	03		011		LEF
SA	2150	E250 BKN	20			189	43	18	29	02		012	203 1008 61	LEF
SA	2248	250-BKN	20			187	41	15	04	05		011		LEF
SA	2349	250-BKN	20			183	40	17	09	02		010		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 22

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.660	38.8	29.6	30	3	3	CS	250												2	8	.010			00-01
01 45	26.670	38.9	29.6	30	5															3					01-02
02 45	26.680	37.1	28.9	35	8															4					02-03
03 50	26.670	36.6	28.8	37	7	7	CS	250												3	0	.010			03-04
04 50	26.670	36.3	28.7	38	7															3					04-05
05 50	26.680	36.7	28.8	36	7															3					05-06
06 49	26.690	38.0	28.9	30	9	9	ci	250												4	3	.020			06-07
07 48	26.700	42.6	32.3	29	9															6					07-08
08 46	26.720	48.8	36.2	25	9															6					08-09
09 47	26.710	53.8	38.7	20	9	9	ci	E250												6	0	.020			09-10
10 49	26.700	57.2	40.6	18	9															7					10-11
11 48	26.680	59.8	42.4	19	8															6					11-12
12 49	26.650	59.1	41.7	18	8	8	ci	E250												6	8	.060			12-13
13 48	26.650	59.6	42.0	18	8															6					13-14
14 44	26.650	59.1	41.8	18	10															10					14-15
15 46	26.650	57.0	40.6	19	10	10	CS	E250												10	4	.000			15-16
16 45	26.640	52.2	38.0	22	10															10					16-17
17 45	26.660	48.4	35.8	25	10															9					17-18
18 46	26.685	47.4	36.0	30	10	10	CS	E250												10	3	.035			18-19
19 49	26.690	46.0	35.1	30	10															10					19-20
20 45	26.685	44.0	34.0	33	7															5					20-21
21 50	26.695	43.4	35.0	42	6	6	CS	E250												4	2	.010			21-22
22 48	26.690	41.0	31.7	34	6															3					22-23
23 49	26.680	40.2	31.7	38	7															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 0344	X	0	0	X	40	36	X	X						X		
	0344	1	0	0	0	46	36		0								
	0942	2	0	0	0	54	36		0								
	1541	3	0	0	0	61	54		0								
	2145	4	0	0	0	57	43		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1545	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.710	26.650	26.695
BAROGRAPH 64	26.670	26.705	26.650	26.683
BAR. CORR. 65	±0	+.005	±0	+.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
61	36	0	0	0	10	W	1318					9	8		

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: 0732 P - 1 SEC, SLOW / 2310 1 SEC SLOW

MF1-10B

☆ U.S. Government Printing Office: 1979—665-010/1153 Region No. 6.

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 23

TO CONVERT LST TO GMT ADD 8 hrs SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (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)
SA	0046	250 - BKN	20			181	41	14	06	05		009	707 1008	LEF
SA	0148	E250 OVC	20			182	42	15	09	03		010		LEF
SA	0246	E250 OVC	20			185	38	16	03	01		010		LEF
SA	0350	E250 BKN	20			178	37	16	06	02		007	805 1008 37 RADAT 25132	008
SA	0449	E250 BKN	20			177	37	17	04	06		006		008
SA	0550	E250 BKN	20			183	37	17	34	03		007		008
SA	0646	E250 BKN	20			192	37	12	20	01		010	307 1002	008
SA	0749	E250 BKN	20			188	45	14	27	02		010		008
SA	0849	E250 BKN	20			189	51	14	28	05		011		008
SA	0950	E250 BKN	20			185	54	14	31	03		010	000 1002 36	008
SA	1046	E250 BKN	20			175	60	19	15	03		007		008
SA	1147	E250 BKN	20			163	61	19	15	04		004		008
SA	1244	E250 BKN	20			154	63	21	27	01		002	72~~8~~4 1002	008
SA	1344	E250 BKN	20			140	65	23	14	05		998		008
SA	1450	E250 BKN	20			140	63	21	13	10		997		008
SA	1545	E250 OVC	20			141	61	21	12	09		997	614 1007 66 RADAT 24127	LEF
SA	1648	E250 OVC	20			143	57	21	08	02		997		LEF
SA	1747	E250 OVC	20			150	54	23	11	06		999		LEF
SA	1845	E250 OVC	20			147	52	20	06	06		997	000 1007	LEF
SA	1947	250 - BKN	20			147	48	20	02	03		998		LEF
SA	2046	250 - BKN	20			148	46	22	09	02		999		LEF
SA	2148	250 - BKN	20			140	45	23	07	05		998	000 1008 66	LEF
SA	2246	250 - BKN	20		138	128	42	22	33	02		997		LEF
SA	2347	250 - SCT	20			130	43	25	08	02		996		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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:1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 23

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.675	40.7	31.4	33	9	9	CS	250												9	7	.020			00-01
01 48	26.680	41.6	32.2	34	10															7					01-02
02 46	26.680	37.7	30.1	40	10															8					02-03
03 50	26.660	37.2	30.0	42	8	8	CS	E250												7	8	.015			03-04
04 49	26.650	37.0	30.0	44	8															7					04-05
05 50	26.660	37.1	30.0	43	8															7					05-06
06 46	26.680	36.6	28.7	36	9	9	ci	E250												8	3	.020			06-07
07 49	26.680	44.9	33.4	28	8															7					07-08
08 49	26.690	51.1	37.4	23	8															6					08-09
09 50	26.680	54.1	39.0	20	8	8	ci	E250												6	0	.000			09-10
10 46	26.660	59.6	42.7	21	8															7					10-11
11 47	26.630	61.4	43.7	19	8															6					11-12
12 44	26.610	63.3	44.9	20	8	8	ci	E250												6	7	.020			12-13
13 44	26.530	64.9	46.1	20	8															6					13-14
14 50	26.570	62.8	44.6	20	9															8					14-15
15 45	26.570	61.3	43.9	21	10	10	CS	E250												10	6	.040			15-16
16 48	26.570	56.7	41.8	25	10															9					16-17
17 47	26.580	54.3	41.0	29	10															6					17-18
18 45	26.570	51.7	39.0	28	10	10	CS	E250												8	0	.000			18-19
19 47	26.575	47.5	36.7	33	9															3					19-20
20 46	26.585	45.9	36.3	38	6															2					20-21
21 48	26.570	45.0	36.2	41	6	6	CS	250												2	0	.000			21-22
22 46	26.565	42.3	34.3	44	6															3					22-23
23 47	26.550	43.2	35.7	48	5															2					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	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s P_s D_s / M_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	42	37		X	X	X	X	X	X	X		
	0343	1	0	0	0	43	37		0								
	0942	2	0	0	0	56	36		0								
	1540	3	0	0	0	66	54		0								
	2143	4	0	0	0	61	45		0								
	MID.	X	0	0	0	45	42		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1544	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.680	26.570	26.510
BAROGRAPH 64	26.650	26.670	26.550	26.565
BAR. CORR. 65	+.010	+.010	+.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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
66	36	0	0	0	13	SE	1349					9	9		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.)	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: 0640P - 1 SEC SLOW / 2321 1 SEC SLOW

MF1-10B

MF1-10A (10-79)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 24

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ 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 (100-360) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENDER'S INITIALS (15)
SA	0046	250 -SCT	20			128	42	20	04	07		995	708 1006	LEF
SA	0145	250 -SCT	20			127	39	22	04	04		994		LEF
SA	0245	250 -SCT	20			125	39	25	08	03		993		LEF
SA	0348	250 SCT	20			118	39	26	10	08		991	812 1002 38 RADAT 20123	008
SA	0449	250 SCT	20			113	44	26	05	03		990		008
SA	0545	250 SCT	20			116	41	24	33	02		990		008
SA	0648	180 SCT E250 BKN	20			117	41	24	10	05		990	603 1076	008
SA	0750	120 SCT 180 SCT E250 OVC	20			116	46	26	11	05		990		008
SA	0844	120 SCT 180 SCT E250 OVC	20			107	59	36	20	17 G 23		988		008
SA	0945	120 SCT E200 BKN	20			100	67	26	20	23 G 31		987	807 1076 38	008
SA	1049	150 SCT E200 BKN	20			093	68	22	20	21 G 30		985		008
SA	1147	150 SCT E200 BKN	20			077	67	25	21	24 G 37		981	PK WND 2137/41	008
SA	1248	150 SCT E200 BKN	20			071	68	23	21	26 G 40		979	PK WND 2042/15 727 1036	008
SA	1346	150 SCT E200 BKN	20			065	67	26	20	25 G 33		976	PK WND 1840/06	008
SA	1450	150 SCT E200 BKN	20			061	65	26	20	24 G 35		975	PK WND 1938/34	LEF
SA	1550	100 SCT E200 BKN OVC	20			060	64	14	20	23 G 34		975	PK WND 1937/10 712 1077	LEF
													71 RADAT 20115	
SA	1648	100 SCT E200 BKN OVC	20			058	63	27	19	23 G 34		975	PK WND 1936/12	LEF
SA	1745	100 SCT E200 BKN OVC	20			061	61	17	20	20 G 29		975		LEF
SA	1848	100 SCT E200 OVC	20			057	60	34	18	29 G 38		974	PK WND 1838/47 803 1077	LEF
SA	1949	100 SCT E200 OVC	20			050	59	34	20	27 G 36		972	PK WND 1939/24	LEF
SA	2048	60 SCT E100 BKN	20			034	59	28	20	28 G 37		970	PK WND 2038/14	LEF
SA	2148	60 SCT E100 BKN	20			027	58	29	20	25 G 34		969	PK WND 2039/13 715 1570 71	LEF
SA	2245	60 SCT E100 BKN	20			040	57	30	20	25 G 36		972	PK WND 1940/12 PRESF	LEF
													JUMP 1140P	
SA	2347	60 SCT E100 BKN	20			053	55	31	23	17 G 30		976	PK WND 2039/02	LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iliii Nddff vvwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO:1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK, NV

DATE: 1981 NOV 24

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ 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	26.545	41.5	33.5	43	4	4	ci	250												2	7	.025			00-01
01 45	26.540	38.8	32.4	50	2															1					01-02
02 45	26.530	39.3	33.7	57	3															1					02-03
03 48	26.510	39.0	33.6	58	3	3	ci	250												3	8	.035			03-04
04 49	26.500	44.1	36.7	50	3															3					04-05
05 45	26.500	40.9	34.3	57	3															3					05-06
06 43	26.500	40.8	34.0	50	9	2	AC	180	7	ci	E250	9								7	6	.010			06-07
07 50	26.500	46.2	37.6	44	10															8					07-08
08 44	26.490	54.4	47.6	42	10															8					08-09
09 45	26.480	66.8	47.8	22	8	3	AC	120	5	ci	E200	8								7	8	.020			09-10
10 49	26.460	68.0	47.3	17	7															6					10-11
11 47	26.420	67.4	47.8	20	7															5					11-12
12 48	26.400	67.6	47.4	19	7	2	AC	150	5	ci	E200	7								6	7	.020			12-13
13 46	26.380	66.9	47.7	21	7															6					13-14
14 50	26.370	65.4	47.1	22	9															8					14-15
15 50	26.365	64.1	43.9	14	10	4	AC	100	6	CS	E200	10								8	7	.035			15-16
16 48	26.365	62.8	46.3	26	10															8					16-17
17 45	26.365	61.0	43.0	18	10															7					17-18
18 48	26.355	59.8	47.0	38	10	5	AC	100	5	CS	E200	10								7	8	.010			18-19
19 49	26.340	59.0	46.6	39	10															7					19-20
20 48	26.315	58.7	44.6	31	9															8					20-21
21 48	26.310	58.0	44.7	33	9	3	SC	60	6	AC	E100	9								9	7	.045			21-22
22 45	26.340	56.5	48.0	35	9															9					22-23
23 47	26.370	55.0	43.8	40	8															8					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	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	43	38		X	X	X	X	X	X	X		
	0340	1	0	0	0	45	38		0								
	0942	2	0	0	0	69	38		0								
	1545	3	0	0	0	71	64		0								
	2143	4	0	0	0	64	58		0								
	MID.	X	0	0	0	58	55		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0944	1544	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.480	26.365	26.310
BAROGRAPH 64	26.500	26.480	26.365	26.310
BAR. CORR. 65	+.010	±0	±0	±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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
71	38	0	0	0	42	S	1215					8	8		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 1358P - 1 SEC SLOW/ 2305 1 SEC SLOW

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 25

TO CONVERT LST TO GMT: ADD 8 hrs SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED KNOTS (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS
SA	0045	60 SCT E100 BKN	20			059	51	31	18	20		977	225 1570	LEF
SA	0148	60 SCT E100 BKN	20			072	47	20	21	10		980		LEF
SA	0245	60 SCT E100 BKN	20			080	48	24	09	02		982		LEF
SA	0350	50 SCT E80 BKN	20			077	47	25	36	13		981	012 1800 47 RADAT 47075	008
SA	0450	50 SCT E80 BKN	20			093	47	25	36	08		985		008
SA	0550	50 SCT 100 SCT	20			097	40	12	03	06		985		008
SA	0645	CLR	20			105	35	10	04	06		986	FEW CI SE / 117 1001	008
SA	0748	CLR	20			109	42	13	04	07		988		008
SA	0845	250 - SCT	20			116	45	12	03	07 G 14		991		008
SA	0950	CLR	20			120	46	13	36	10 G 17		992	117 35	008
SA	1046	CLR	20			115	48	12	14	05 G 14		991		008
SA	1149	CLR	20			112	48	11	03	11		990		008
SA	1247	CLR	20			109	50	9	02	10 G 17		988	710	008
SA	1344	120 SCT	20			111	51	10	31	08		989		008
SA	1450	CLR	20			110	52	6	36	07 G 14		988	FEW CU	008
SA	1549	CLR	20			115	50	6	02	07		990	303 53 RADAT 29066	JC
SA	1647	CLR	20			122	46	12	03	06		991		JC
SA	1749	CLR	20			127	42	7	06	08		991		JC
SA	1848	CLR	20			130	41	11	09	07		991	103	JC
SA	1947	CLR	20			127	40	9	07	07		991		JC
SA	2049	CLR	20			135	37	11	06	09		993		JC
SA	2149	CLR	20			124	37	11	08	05		990	803 58	JC
SA	2246	CLR	20			119	35	21	01	07		989		JC
SA	2350	CLR	20			122	31	9	06	03		989		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK, NV

DATE: 1981 NOV 25

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ 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	26.355	50.9	41.7	46	7	4	SC	60	3	AC	E100	7								7	2	.075			00-01
01 48	26.410	47.0	36.4	34	7															7					01-02
02 45	26.430	48.0	38.0	38	8															8					02-03
03 50	26.420	47.4	38.0	41	7	4	SC	50	3	CU	E80	7								7	0	.035			03-04
04 50	26.460	46.5	37.7	44	7															7					04-05
05 50	26.460	40.2	31.3	35	5															5					05-06
06 45	26.470	35.2	27.4	34	0	0	ci	250												0	1	.056			06-07
07 48	26.490	43.2	32.8	29	0															0					07-08
08 45	26.510	44.8	33.4	26	3															1					08-09
09 50	26.520	46.0	34.3	26	0															0	1	.050			09-10
10 46	26.510	47.8	35.2	23	0															0					10-11
11 49	26.500	48.3	35.3	22	0															0					11-12
12 47	26.490	50.4	36.0	18	0															0	7	.030			12-13
13 44	26.490	51.3	36.6	18	1															1					13-14
14 50	26.490	52.3	36.6	15	0															0					14-15
15 49	26.500	49.4	35.4	17	0															0	3	.010			15-16
16 47	26.510	45.6	34.0	25	0															0					16-17
17 49	26.510	41.7	30.8	23	0															0					17-18
18 48	26.520	41.4	31.4	29	0															0	1	.010			18-19
19 47	26.510	40.0	30.2	28	0															0					19-20
20 49	26.530	37.0	28.6	33	0															0					20-21
21 49	26.520	37.2	28.8	33	0															0	8	.010			21-22
22 46	26.490	35.1	30.0	56	0															0					22-23
23 50	26.490	31.2	24.6	37	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	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s P_s H_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0341		0	0		55	47										
	0341	1	0	0	0	58	47		0								
	0944	2	0	0	0	47	35		0								
	1545	3	0	0	0	53	46		0								
	2145	4	0	0	0	51	36		0								
	MID.		0	0	0	37	31										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.530	26.500	26.500
BAROGRAPH 64	26.420	26.515	26.500	26.500
BAR. CORR. 65	±0	+.005	±0	±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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
55	31	0	0	0	28	SW	0012					0	2		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0720P - 1 SEC. SLOW / 2151P ON TIME

1000P - CHANGED BAROGRAM

MF1-10B

U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1202 Region 4

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 2 8

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ 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 (14)
SA	0049	CLR	20			122	30	9	00	00		989	603	JC
SA	0148	CLR	20			115	28	7	02	05		987		JC
SA	0245	CLR	20			114	27	7	05	05		987		JC
SA	0352	CLR	20			112	25	8.5	31	06		985	812 25 RADAT 36L 036063	EP
SA	0448	CLR	20			114	25	8.5	11	06		985		EP
SA	0549	280-SCT	20			114	28	4	04	05		984		EP
SA	0649	280-SCT	20			112	28	4	03	08		984	803 1031	EP
SA	0751	280-SCT	20			113	32	8	00	00		985		EP
SA	0852	280-SCT	20			106	38	12	09	09		983		EP
SA	0950	280-SCT	20			098	43	11	32	05		982	805 1031 25	EP
SA	1046	280-~~SCT~~ BKN	20			088	47	12	13	10		980		EP
SA	1151	280-SCT	20			070	49	14	11	12		974		EP
SA	1254	E280 BKN	20			059	48	14	13	13		970	837 1501	EP
SA	1348	280-BKN	20			043	49	12	12	14	G24	966		EP
SA	1450	280-BKN	20			043	51	13	14	07		966		EP
SA	1549	CLR	20			048	51	15	19	12	G17	967	510 1501 52 RADAT	JC
/													37070	/
SA	1648	60 SCT	20			046	49	19	19	15	G21	966		JC
SA	1746	60 SCT	20			045	48	22	20	19	G25	966		JC
SA	1848	E60 BKN	20			042	46	26	19	13	G20	965	707 1500	JC
SA	1949	E60 OVC	20			041	49	26	18	16	G24	966		JC
SA	2048	E60 OVC	20			037	48	26	18	19	G27	966		JC
SA	2149	E50 OVC	20			036	48	31	18	12		966	103 1511 52	JC
SA	2248	E50 OVC	20		RW-	045	42	37	22	11		968	RB25	JC
SA	2347	20 SCT M35 OVC	10		RW-	047	40	39	22	14		969		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK NV

DATE 1981 NOV 26

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.490	29.9	23.8	39	0															0	6	.010			00-01
01 48	26.470	28.1	22.2	37	0															0					01-02
02 45	26.470	27.2	21.6	38	0															0					02-03
03 52	26.455	25.1	20.3	42	0															0	9	.035			03-04
04 48	26.455	25.3	20.4	42	0															0					04-05
05 49	26.450	27.5	21.6	36	2															0					05-06
06 49	26.445	27.8	21.8	35	1	0	Ac	150	1	Ci	280	1								0	8	.010			06-07
07 51	26.455	31.5	24.8	36	1															0					07-08
08 52	26.440	38.2	28.6	34	3															0					08-09
09 50	26.430	42.6	31.8	27	3	0	Ac	180	3	Ci	280	3								1	8	.015			09-10
10 46	26.405	46.5	34.5	25	7															3					10-11
11 51	26.355	48.6	36.0	25	4															2					11-12
12 54	26.320	47.9	35.6	25	6	0	Sc	100	6	Ci	280	6								4	8	.110			12-13
13 48	26.280	48.9	35.8	22	8															4					13-14
14 50	26.280	50.8	37.0	22	6															2					14-15
15 49	26.290	51.0	37.4	23	0	0	Sc	60	0	Ci	250	0								0	5	.030			15-16
16 48	26.280	48.8	37.3	31	1															1					16-17
17 46	26.280	47.7	37.4	36	5															5					17-18
18 48	26.270	46.0	37.7	46	7	7	Sc	E60												7	7	.020			18-19
19 49	26.280	48.5	39.0	42	10															10					19-20
20 48	26.280	48.2	38.6	41	10															10					20-21
21 49	26.280	47.5	40.0	52	10	10	Sc	E50												10	1	.010			21-22
22 48	26.300	41.7	39.4	83	10															10					22-23
23 47	26.310	40.0	39.4	95	10															10					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	31	25	X	X						X		
	0346	1	0	0	0	37	25		0								
	0945	2	0	0	0	43	25		0								
	1545	3	0	0	0	52	42		0								
	2145	4	0	0	0	51	46		0								
	MID.	X	.05	0	0	48	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.455	26.430	26.290	26.280
BAROGRAPH 64	26.445	26.420	26.280	26.250
BAR. CORR. 65	+.010	+.010	+.010	±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
52	25	.05	0	0	30	5	1936					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2225	CONT.			

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: 1204 CLOCK ON TIME 2114P ON TIME

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1981 NOV 27

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (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. (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SP	0017	M14 OVC	7		R-				20	17		970		JC
SA	0048	M14 BKN 30 OVC	10		R-	040	39	35	16	11		967	00311 15//	JC
SP	0113	15 SCT M 41 OVC	20						33	06		968		JC
SA	0149	E50 BKN	20			046	41	34	15	07		969	RE11	JC
SA	0245	E60 BKN	20			046	39	33	25	03		969		JC
SA	0355	60 SCT	20			047	39	30	34	09		969	10714 1500 39 20014	EP
/													RADAT 57055	/
SA	0448	60 SCT	20			056	39	30	24	07		971		EP
SA	0546	CLR	20			066	38	31	25	08		973		EP
SA	0649	CLR	20			078	36	29	23	08		977	324 1500	EP
SA	0746	CLR	20			084	38	32	14	06		979		EP
SA	0848	CLR	20			090	42	30	02	06		981		EP
SA	0949	CLR	20			091	46	24	20	13 G21		982	617 1100 36	EP
SA	1046	CLR	20			090	46	28	14	10		981		EP
SA	1147	CLR	20			085	49	31	14	10		980		EP
SA	1250	~~CLR~~ 120 SCT	20			082	50	17	18	15 G23		979	710 1130	EP
SA	1349	20SCT 120SCT 250-BKN	20			081	51	23	17	16		979		EP
SA	1450	25SCT E80 BKN 200 OVC	20			086	49	24	19	13		980		EP
SA	1549	E45 BKN 80 OVC	20			095	47	28	18	13		982	310 117/52 RADAT	JC
/													51065	/
SA	1647	E60 BKN 100 OVC	20			097	45	29	23	07		982		JC
SA	1748	E60 OVC	20			105	45	29	27	03		984		JC
SA	1849	E60 OVC	20			109	45	28	03	06		986	310 14//	JC
SA	1945	25 SCT E50 OVC	20		RW-	109	43	34	01	07		986	RB20	JC
SA	2046	E60 OVC	20			108	42	33	03	09		986	RE10	JC
SA	2149	E60 BKN	20			109	42	34	05	09		987	30302 1400 52	JC
SA	2250	E60 BKN	20			105	41	32	03	14		986		JC
SA	2345	E60 OVC	20			103	43	32	36	04		986		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 27

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

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 48	26.290	39.0	37.3	86	10	7	SC	1414	3	SC	30	10								10	0	.010			00-01
01 49	26.310	40.6	37.5	78	8															7					01-02
02 48	26.310	39.1	36.4	78	7															7					02-03
03 55	26.310	39.0	35.3	71	1	1	SC	60												1	1	.020			03-04
04 48	26.330	38.5	34.8	71	1															1					04-05
05 46	26.350	37.5	34.8	78	0															0					05-06
06 49	26.380	36.2	33.4	76	0	0	ST	10	0	SC	20	0								0	3	.070			06-07
07 46	26.400	37.8	35.1	78	0															0					07-08
08 48	26.420	41.8	36.8	64	0															0					08-09
09 49	26.430	45.6	36.8	43	0	0	CU	20												0	1	.050			09-10
10 46	26.420	46.0	38.3	50	0															0					10-11
11 47	26.410	48.8	40.7	50	0															0					11-12
12 50	26.400	49.6	37.1	27	1	0	CU	20	1	AC	120	1								1	7	.030			12-13
13 49	26.400	50.6	39.2	34	3															3					13-14
14 50	26.410	48.8	38.5	38	10															9					14-15
15 49	26.430	46.9	38.8	48	10	9	CU	E45	1	AC	80	10								10	3	.030			15-16
16 47	26.430	45.1	38.1	53	10															10					16-17
17 48	26.450	44.9	38.0	53	10															10					17-18
18 49	26.460	44.8	37.7	52	10	10	SC	E60												10	3	.030			18-19
19 45	26.460	42.7	38.8	71	10															10					19-20
20 46	26.460	42.2	38.2	71	10															10					20-21
21 49	26.470	42.4	38.4	71	8	8	SC	E60												8	3	.010			21-22
22 50	26.460	40.7	37.0	72	9															9					22-23
23 45	26.460	43.0	37.4	64	10															10					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	.09	0	X	41	39	X	X						X		
	0348	1	.14	0	0	48	39		2								
	0944	2	0	0	0	46	36		1								
	1545	3	0	0	0	52	44		0								
	2145	4	.02	0	0	47	41		1								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.310	26.430	26.430	26.470
BAROGRAPH 64	26.300	26.420	26.425	26.465
BAR. CORR. 65	+.010	+.010	+.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 (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
52	36	.11	0	0	25	SW	0007					3	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT	0015			
R-	0015	0111			
RW-	1920	2010			

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: 1000 P ON TIME 2033 P ON TIME

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 28

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (4)	VISIBILITY (5)	WEATHER AND OBSTRUCTIONS TO VISION (6)	SEA LEVEL PRESS. (7)	TEMP (8)	DEW PT. (9)	WIND DIRECTION (10)	WIND SPEED (11)	WIND CHARACTER (12)	ALTIMETER SETTING (13)	REMARKS AND SUPPLEMENTAL CODED DATA (14)	SIGNATURE (15)
SA	0045	E 60 OVC	20			103	42	33	28	02		986	503 14 //	JC
SA	0144	E 60 OVC	20			103	42	32	08	04		986		JC
SA	0245	E 60 OVC	20			104	42	31	16	04		986		JC
SA	0349	E 60 OVC	20			101	42	32	29	05		984	803 14//40 20002	EP
													RADAT 59066	
SA	0450	E 60 OVC	20			101	43	30	32	08		984		EP
SA	0547	60 SCT 150 SCT E200 OVC	20			106	42	30	00	00		986		EP
SA	0647	60 SCT E120 BKN 200 OVC	20			110	42	29	07	05		987	307 1437	EP
SA	0748	60 SCT 120 SCT E200 BKN	20			111	42	30	08	06		987		EP
SA	0846	E70 BKN 120 BKN 200 BKN	20			116	42	31	14	10		988		EP
SA	0950	E50 BKN 120 BKN 200 OVC	20			109	47	31	10	14		987	000 1431 40	EP
SA	1048	50 SCT E110 OVC	20			105	47	32	11	14	G22	986		EP
SA	1152	E50 BKN 80 OVC	20			101	47	33	09	16	G23	984	OCNL RW- RB40	EP
SA	1249	25 SCT E 50 OVC	10		R-	096	43	37	08	10		982	41400 172/ [illegible]	EP
SA	1350	25 SCT E 50 OVC	10		R-	097	43	39	11	09		982		EP
SA	1450	20 SCT E 45 OVC	10		R-	096	42	39	11	08		982		EP
SA	1549	20 SCT E40 OVC	10		R-	104	42	38	09	07		984	30706 172 / 47	JC
													RADAT 00063	
SA	1648	15 SCT M32 OVC	10		R-	104	41	39	12	10		984		JC
SA	1746	15 SCT M30 OVC	10		R-	105	40	38	12	11		984		JC
SP	1821	M18 BKN 30 OVC	7		R-				12	09		986		JC
SA	1849	M15 BKN 30 OVC	7		R-	113	40	37	13	07		987	30710 172 /	JC
SA	1947	M13 OVC	5		R-	117	38	36	23	08		988		JC
SP	2028	M 7 OVC	3		R-				20	08		989		JC
SA	2051	M 5 OVC	3		R-	126	38	37	21	07		990	VSBY LWR NE	JC
SA	2149	M 7 OVC	5		R-	127	36	36	19	03		991	21424 102 / 47	JC
SP	2235	7 SCT M16 BKN 35 OVC	10		R-				06	05		991		JC
SA	2248	7 SCT M14 BKN 35 OVC	20			127	36	35	04	04		991	RE 43	JC
SA	2346	M11 BKN 30 OVC	20			127	37	35	09	02		991		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iiiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 28

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.460	41.9	37.8	70	10	10	SC	E60												10	5	.010			00-01
01 44	26.460	41.6	37.4	68	10															10					01-02
02 45	26.460	42.3	37.3	64	10															10					02-03
03 49	26.450	41.7	37.5	69	10	10	SC	E60												10	8	.010			03-04
04 50	26.450	43.4	37.5	59	10															10					04-05
05 47	26.460	42.4	37.0	61	10															9					05-06
06 47	26.470	41.6	36.3	61	10	3	SC	60	5	AC	E120	7	4	CS	200	10				9	3	.020			06-07
07 48	26.470	42.0	36.8	62	8															6					07-08
08 46	26.480	42.2	37.3	64	9															9					08-09
09 50	26.470	46.8	39.6	54	10	6	SC	E50	3	AC	120	8	2	CI	200	10				9	0	.000			09-10
10 48	26.460	47.2	40.3	56	10															10					10-11
11 52	26.450	47.2	40.7	58	10															10					11-12
12 49	26.430	43.4	40.2	78	10	3	STFNA	25	10	NS	E50	10								10	8	.040			12-13
13 50	26.430	42.8	40.9	86	10															10					13-14
14 50	26.430	42.2	40.5	87	10															10					14-15
15 49	26.450	42.0	40.2	87	10	4	STFNA	20	10	NS	E40	10								10	3	.020			15-16
16 48	26.450	41.0	39.9	91	10															10					16-17
17 46	26.450	40.1	39.1	92	10															10					17-18
18 49	26.470	39.5	38.5	92	10	8	STFNA	M15	10	NS	30	10								10	3	.020			18-19
19 47	26.480	38.0	37.3	94	10															10					19-20
20 51	26.500	37.7	37.4	97	10															10					20-21
21 49	26.510	36.1	35.9	98	10	10	NS	M7												10	2	.040			21-22
22 48	26.510	36.0	35.6	97	10															10					22-23
23 46	26.510	37.0	36.2	93	10															10					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		0	0		43	41										
	0344	1	0	0	0	43	40		1								
	0945	2	0	0	0	47	41		1								
	1545	3	.06	0	0	47	42		2								
	2145	4	.24	0	0	43	36		2								
	MID.		.03	0	0	37	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.470	26.470	26.510
BAROGRAPH 64	26.445	26.470	26.470	26.520
BAR. CORR. 65	+.005	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
47	36	.33	0	0	23	E	1144					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1140	1150			
R-	1205	2343			

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: 1030 P CLOCK ON TIME 2025P 1 SEC. SLOW

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 29

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-⌘) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	M14 BKN 30 OVC	20			128	38	36	22	03		991	40003 172/	JC
SA	0144	M15 OVC	20			133	38	35	28	02		992		JC
SA	0246	M16 OVC	20			136	37	35	36	03		993		JC
SA	0349	M17 OVC 30 OVC	20			137	38	37	22	03		993	10703 172/ 36	SH
	—		—			—						—	20033 RADAT 00048	—
SA	0447	M15 OVC	20			138	38	37	23	05		993		SH
SA	0546	M18 OVC	20			143	37	36	22	05		994		SH
SA	0648	M16 OVC	20			152	38	36	25	05		997	312 1711	SH
SA	0745	E25 BKN 30 OVC	20			155	38	36	24	04		997		SH
SP	0815	25 SCT E35 BKN	20						21	06		998		SH
SA	0846	25 SCT E35 OVC	20			166	39	38	23	06		001		SH
SP	0901	E20 BKN 35 OVC	20						22	06		001		SH
SA	0947	E20 BKN 35 BKN	20			170	41	39	20	08		002	215 1720 36	SH
SA	1045	E20 BKN 40 BKN	20			171	43	39	20	06		003		SH
RS	1145	25 SCT	20			162	45	37	20	05		001		SH
SA	1247	35 SCT	20			151	50	36	25	03		998	810 1500	SH
SA	1347	E35 BKN	20			158	46	35	21	08		999		SH
SA	1450	E35 BKN	20			161	49	35	23	12		001		SH
SA	1547	35 SCT	20			168	48	30	27	07		003	314 1500 50 RADAT 83063	JK
SA	1658	CLR	20			177	43	32	28	06		005	FEW SC AND CI	JK
SA	1750	CLR	20			187	42	32	25	03		007		JK
SA	1850	CLR	20			196	40	32	23	03		009	220	JK
SA	1948	CLR	20			196	39	32	26	05		009		JK
SA	2049	CLR	20			207	38	31	23	02		013		JK
SA	2145	CLR	20			214	36	31	01	03		015	217 50	JK
SA	2251	CLR	20			218	34	30	34	02		016		JK
SA	2345	CLR	20			208	38	30	00	00		014		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 29

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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 46	26.510	37.8	36.8	92	10	7	STRA	M14	10	NS	30	10								10	4	.000			00-01
01 44	26.520	37.6	36.6	92	10															10					01-02
02 46	26.530	37.4	36.2	90	10															10					02-03
03 49	26.530	37.8	37.4	96	10	6	STRA	M17	4	NS	30	10								10	1	.020			03-04
04 47	26.530	37.5	37.2	98	10															10					04-05
05 46	26.540	37.3	36.8	96	10															10					05-06
06 48	26.565	37.6	37.0	95	10	10	STRA	M16												10	3	.035			06-07
07 45	26.570	37.7	37.0	94	10															10					07-08
08 46	26.600	39.2	38.4	94	10															10					08-09
09 47	26.610	41.3	40.0	90	7	6	STRA	E20	1	NS	35	7								7	2	.045			09-10
10 45	26.615	42.6	40.6	85	8															8					10-11
11 45	26.600	45.1	41.2	73	4															4					11-12
12 47	26.580	49.6	43.2	60	5	5	SC	35												5	8	.030			12-13
13 47	26.590	46.0	41.0	66	8															8					13-14
14 50	26.600	49.0	42.2	57	7															7					14-15
15 47	26.620	48.1	40.1	50	1	1	SC	35												1	3	.040			15-16
16 58	26.640	43.0	38.0	64	0															0					16-17
17 50	26.660	41.9	37.4	67	0															0					17-18
18 50	26.680	40.2	36.6	73	0															0	2	.060			18-19
19 48	26.680	39.0	36.0	76	0															0					19-20
20 49	26.710	38.1	34.9	74	0															0					20-21
21 45	26.730	36.3	34.0	80	0															0	2	.050			21-22
22 51	26.740	34.1	32.5	86	0															0					22-23
23 45	26.720	37.6	34.2	72	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 0342	X	0	0	X	38	36	X	X						X		
	0342	1	.03	0	0	38	36		2								
	0943	2	0	0	0	41	37		1								
	1544	3	0	0	0	50	41		0								
	2143	4	0	0	0	48	36		0								
	MID.	X	0	0	0	38	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26530	26610	26620	26730
BAROGRAPH 64	26520	26595	26620	26730
BAR. CORR. 65	+.010	*+.015	+.0	+.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
50	34	0	0	0	18	SW	1425					7	5		

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: 0535P - 1 SEC SLOW 1900P 1 SEC SLOW

* BAROGRAPH CHANGED AND SET TO ZERO CORR. 0955 PST

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 30

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ 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 (10-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	CLR	20			213	32	30	09	02		015	500	JK
SA	0152	CLR	20			217	33	30	36	04		016		JK
SA	0251	CLR	20			217	32	30	04	03		016		JK
SA	0351	CLR	20			222	31	29	05	02		017	207 31 RADAT 44067	SH
SA	0445	CLR	20			224	32	29	06	03		017		SH
SA	0547	CLR	20			230	31	28	02	04		018		SH
SA	0645	250 -BKN	20			233	34	29	35	02		019	307 1008	SH
SA	0746	250 -BKN	20			243	37	30	05	02		023		SH
SA	0848	CLR	20			242	40	30	29	03		023	FEW CI	SH
SA	0947	250 -SCT	20			238	42	29	25	03		022	007 1001 30	SH
SA	1046	250 -SCT	20			236	46	29	25	05		022		SH
SA	1145	250 -BKN	20			229	49	26	21	05		021		SH
SA	1246	250 SCT	20			223	51	28	21	06		018	810 1001	SH
SA	1345	250 -SCT	20			216	54	21	32	04		017		SH
SA	1447	CLR	20			216	52	24	02	14		016	FEW CI W	SH
SA	1546	CLR	20			224	50	24	03	19		018	500 1001 54 RADAT 36082	JK
SA	1647	CLR	20			231	45	26	06	05		019		JK
SA	1753	CLR	20			233	44	25	02	10		019		JK
SA	1850	CLR	20			236	43	26	03	12		021	307 1001	JK
SA	1952	CLR	20			246	41	26	03	10		024		JK
SA	2048	CLR	20			248	40	26	05	08		025		JK
SA	2149	CLR	20			251	40	26	02	12		026	217 50	JK
SA	2245	CLR	20			253	37	27	32	03		027		JK
SA	2346	CLR	20			246	36	27	04	06		025		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff 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:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 NOV 30

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ 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	26.730	32.1	31.2	91	0															0	5	.000			00-01
01 52	26.740	33.0	31.8	89	0															0					01-02
02 51	26.740	32.3	31.2	89	0															0					02-03
03 51	26.750	31.2	30.3	91	0															0	2	.020			03-04
04 45	26.750	32.2	30.8	86	0															0					04-05
05 47	26.760	31.0	30.0	89	0															0					05-06
06 45	26.770	33.8	31.7	81	6	6	CS	250												1	3	.020			06-07
07 46	26.800	37.2	34.3	76	7															1					07-08
08 48	26.800	39.6	35.5	68	0															0					08-09
09 47	26.790	42.2	36.7	60	3	3	CI	250												0	0	.020			09-10
10 46	26.790	46.2	38.7	51	2															0					10-11
11 45	26.780	48.6	39.0	41	8															1					11-12
12 46	26.760	51.4	41.0	40	5	5	CI	250												3	8	.030			12-13
13 45	26.750	53.8	40.3	28	5															2					13-14
14 49	26.740	51.6	40.0	31	0															0					14-15
15 46	26.760	50.0	39.0	35	0	0	CI	250												0	5	.000			15-16
16 47	26.770	45.2	37.1	46	0															0					16-17
17 53	26.770	44.0	36.3	48	0															0					17-18
18 50	26.780	42.9	35.9	51	0	0	CI	250												0	3	.020			18-19
19 52	26.810	41.0	35.0	56	0															0					19-20
20 48	26.820	39.8	34.2	57	0															0					20-21
21 49	26.830	39.8	34.2	57	0															0	2	.050			21-22
22 45	26.840	37.3	33.1	66	0															0					22-23
23 46	26.820	35.5	32.0	71	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 0345	X	0	0	X	38	31	X	X						X		
	0345	1	0	0	0	38	31		0								
	0943	2	0	0	0	42	30		0								
	1544	3	0	0	0	54	42		0								
	2143	4	0	0	0	50	40		0								
	MID.	X	0	0	0	40	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.790	26.760	26.830
BAROGRAPH 64	26.745	26.790	26.760	26.830
BAR. CORR. 65	+.005	0	±.0	±.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
54	30	0	0	0	21	NE	1458					4	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: 0730Z - 1 SEC SLOW 2100 1 SEC SLOW