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: May

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 (knots)	PEAK SPEED (knots)	DIRECTION	SUNSHINE TOTAL (Min.)	PER CENT 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	95	60	78			13				9.0	28	SW	26.4	74	1		30	18	13	23
2	87	67	77			12				12.8	33	S	26.2	86	3		24	22	10	15
3	80	53	67			2				4.8	22	NW	26.3	60	2		28	19	11	13
4	81	51	66			1				7.8	31	W	26.4	35	2		20	16	12	13
5	77	53	65							7.8	29	SW	26.4	28	1		30	21	13	12
6	79	49	64		1					8.6	26	N	26.5	20	3		25	7	5	7
7	75	50	63		2					8.3	20	SE	26.5	75	0		19	11	7	10
8	83	49	66			1				7.4	27	NW	26.6	18	0		17	12	13	16
9	82	56	69			4				7.4	21	E	26.6	93	7		20	14	13	13
10	88	53	71			6				8.0	24	SW	26.4	95	0		27	12	16	18
11	84	62	73			8				9.6	20	SW	26.4	54	2		31	18	13	19
12	87	58	73			8				7.0	19	SW	26.4	53	0		31	16	12	20
13	89	61	75			10				9.3	23	SW	26.5	18	0		16	12	12	23
14	84	61	73			8				13.3	36	S	26.3	48	4		25	23	16	47
15	74	55	65							7.5	21	W	26.2	56	8		53	39	23	34
16	67	53	60		5					11.0	30	NW	26.3	91	7		43	24	15	33
17	76	46	61		4					6.8	14	SW	26.6	06	8		42	17	13	14
18	81	50	66			1				13.1	34	SW	26.4	60	10		21	18	15	31
19	68	52	60		5		.02			13.3	38	SW	26.5	90	10	RW	49	36	29	54
20	67	48	58		7		T			10.8	22	N	26.4	01	5	RW	59	40	30	48
21	76	51	64		1					6.8	19	S	26.5	53	5		47	27	20	24
22	81	51	66			1				5.1	17	NE	26.5	20	7		35	21	17	27
23	85	57	71			6				7.0	19	NW	26.5	06	8		30	19	16	22
24	90	59	75			10				7.3	24	SW	26.4	88	8		32	17	15	21
25	87	69	78			13	T			12.1	33	S	26.4	70	10	RW	29	22	24	37
26	76	62	69			4	.02			7.5	26	SW	26.4	98	10	RW	64	39	40	59
27	70	56	63		2		1.53			4.0	15	SW	26.5	55	10	T, RW, F	90	90	58	84
28	83	59	71			6				6.5	24	E	26.5	51	4		81	49	28	55
29	90	60	75			10				3.9	15	S	26.5	25	1		80	34	19	49
30	92	61	77			12				7.6	29	NE	26.4	76	4		64	28	13	22
31	88	68	78			13	T			6.6	34	SE	26.4	80	8	RW	40	36	21	39
SUM	2522	1740	—	—	27	149	1.57	0	—	258.0	—	—	820.9	93	148	—	1202	777	562	902
AVG	81.4	56.1	—	—	—	—	—	—	—	8.3	FASTEST	DIRECTION	POSSIBLE		4.8	—	38.8	25.1	18.1	29.1
										MISC. →	38	SW	26.4	84		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 68.7

DEPARTURE FROM NORMAL —

HIGHEST 95 ON 1

LOWEST 46 ON 17

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 4

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 27

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 2433

DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 149

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 227

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH 1.57 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HRS.~~ Daily 1.53 ON 27

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) 13

PARTLY CLOUDY (Scale 4–7) 8

CLOUDY (Scale 8–10) 10

WITH 0.01 INCH OR MORE PRECIP. 3

WITH 0.10 INCH OR MORE PRECIP. 1

WITH 0.50 INCH OR MORE PRECIP. 1

WITH 1.00 INCH OR MORE PRECIP. 1

SYMBOLS USED IN COLUMN 16

F = FOG
RW = RAINSHOWER
T = THUNDER

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~~ 26.780 IN. ON 9

LOWEST ~~SEA LEVEL~~ 26.190 IN. ON 2, 15

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 MAY 01

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)	OBSERVERS INITIALS (15)
SA	0053	CLR	20			094	70	30	04	11		994	807	EP
SA	0147	CLR	20			099	67	29	12	06		995		EP
SA	0252	CLR	20			097	66	29	10	05		994		EP
SA	0349	CLR	20			099	63	31	31	07		994	002 62 RADAT	JC
/													42132	/
SA	0445	CLR	20			101	60	30	00	00		994		JC
SA	0558	CLR	20			104	63	33	12	04		996		JC
SA	0647	CLR	20			105	69	31	00	00		996	203	JC
SA	0744	CLR	20			107	76	33	00	00		997		JC
SA	0845	CLR	20			107	82	36	17	06		997		JC
SA	0949	CLR	20			103	85	37	21	07		996	000 1100 60	JC
SA	1052	CLR	20			095	88	38	25	08		993	FEW CU	JC
SA	1148	CLR	20			091	90	37	19	10		992	CB E MOVMT UNKN	JC
/													CU S AND NW	/
SA	1247	CLR	20			024	92	38	19	09		988	CB E STNRY CUSE	JC
/													-S AND NW / 824	/
/													1900	/
SA	1349	70 SCT	20			066	93	34	25	06		986	CB E STNRY	JC
SA	1446	70 SCT 250-SCT	20			059	95	38	24	15		983	CB E STNRY	JC
SA	1550	80 SCT 250-SCT	20			048	93	35	23	15	G20	980	825 1101 95 RADAT C0135	EP
SA	1648	250 SCT	20			044	92	35	22	13	G18	978	FEW CU	EP
SA	1748	CLR	20			037	90	34	19	12		976		EP
SA	1849	CLR	20			041	85	36	21	13		977	507 1001	EP
SA	1948	CLR	20			040	83	38	20	11		978		EP
SA	2049	CLR	20			042	82	39	18	07		979		EP
SA	2150	CLR	20			041	81	39	22	21	G28	979	105 1001 95	EP
SA	2249	CLR	20			036	80	40	19	17	G26	978		EP
SA	2348	CLR	20			033	79	41	18	14		977		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} $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 MAY 01

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 53	26.535	70.0	50.3	23	0															0	8	.020			00-01
01 47	26.545	66.6	48.5	24	0															0					01-02
02 52	26.540	66.4	48.5	25	0															0					02-03
03 49	26.540	62.9	47.4	30	0															0	0	.005			03-04
04 45	26.540	60.2	46.0	32	0															0					04-05
05 52	26.550	63.4	47.9	30	0															0					05-06
06 47	26.550	68.8	50.1	25	0															0	2	.010			06-07
07 44	26.560	75.9	53.6	21	0															0					07-08
08 45	26.560	82.2	56.8	19	0															0					08-09
09 49	26.550	85.3	58.3	18	0	0	CU	70												0	0	.000			09-10
10 52	26.530	87.8	59.7	18	0															0					10-11
11 48	26.520	89.5	59.9	16	0															0					11-12
12 47	26.480	92.4	61.0	15	0	0	CB	70												0	8	.070			12-13
13 49	26.460	93.4	60.3	12	1															1					13-14
14 46	26.440	95.0	61.9	14	3															1					14-15
15 50	26.405	92.9	60.5	13	2	1	CU	80	1	CI	250	2								1	8	.075			15-16
16 48	26.390	91.5	59.9	14	1															1					16-17
17 48	26.395	89.5	58.8	14	0															0					17-18
18 49	26.385	85.3	58.0	17	0	0	CI	250												0	5	.020			18-19
19 48	26.390	82.9	57.9	20	0															0					19-20
20 49	26.400	81.8	57.6	22	0															0					20-21
21 50	26.400	81.0	57.5	23	0	0	CI	250												0	1	.015			21-22
22 49	26.390	80.1	57.6	24	0															0					22-23
23 48	26.380	78.9	57.5	26	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	70	62	X	X						X		
	0345	1	0	0	0	70	62		0								
	0945	2	0	0	0	86	60		0								
	1546	3	0	0	0	95	85		0								
	2146	4	0	0	0	93	81		0								
	MID.	X	0	0	0	81	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.550	26.405	26.400
BAROGRAPH 64	26.540	26.530	26.410	26.410
BAR. CORR. 65	±0	±0	-.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	60	0	0	0	28	SW	2148					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: 2 SEC SLOW 0611 PST 2 SEC SLOW 2200

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 MAY 02

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 (Max.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	CLR	20			032	77	40	07	05		977	607	EP
SA	0148	CLR	20			025	77	40	17	10		975		EP
SA	0250	CLR	20			023	76	40	18	11		974		EP
SA	0349	250 -BKN	20			026	77	37	12	09		976	503 1001 75 RADAT	JC
/													46134	/
SA	0446	150 SCT 250 -BKN	20			029	74	37	18	04		976		JC
SA	0550	150 SCT 250 -OVC	20			027	75	39	17	06		974		JC
SA	0647	150 -SCT 250 -SCT	20			031	77	33	21	07		976	500 1031	JC
SA	0749	150 SCT 250 -BKN	20			039	78	38	24	13		978		JC
SA	0844	150 SCT 250 - BKN	20			043	79	35	20	14	G23	979		JC
SA	0949	150 SCT 250 - BKN	20			035	80	38	21	15	G25	977	003 1071 72	JC
SA	1050	250 SCT	20			033	78	38	20	18	G29	976	FEW AC 5	JC
SA	1148	250 SCT	20			028	83	38	22	19	G24	974	FEW CU E-SE	JC
SA	1247	CLR	20			016	84	38	17	17	G27	971	FEW CU AND CI E-SE	JC
/													812 1101	/
SA	1350	CLR	20			002	86	32	19	16	G26	967	FEW CU E-SE	JC
SA	1443	CLR	20			988	87	31	20	16	G24	963		JC
SA	1550	CLR	20			974	87	25	23	15	G26	959	737 1100 87 RADAT E0134	EP
SA	1648	CLR	20			972	85	21	22	16	G26	958		EP
SA	1747	CLR	20			965	83	18	22	19	G29	956		EP
SA	1848	CLR	20			970	79	20	21	14	G25	957	507 1100	EP
SA	1950	CLR	20			978	75	20	20	12	G25	959		EP
SA	2050	CLR	20			979	72	21	23	12		959		EP
SA	2149	CLR	20			977	72	22	21	14		959	005 87	EP
SA	2247	CLR	20			983	68	20	24	12		961		EP
SA	2346	CLR	20			993	67	20	25	12		963		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_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 MAY 02

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	26.380	76.8	56.3	27	0															0	6	.020			00-01
01 48	26.365	76.5	56.1	27	0															0					01-02
02 50	26.360	76.2	55.8	27	0															0					02-03
03 49	26.370	76.7	55.0	24	8	8	Ci	250												3	5	.010			03-04
04 46	26.370	73.5	54.0	27	9															4					04-05
05 50	26.360	74.9	55.1	27	10															4					05-06
06 47	26.370	76.7	53.8	20	5	3	Ac	150	2	Ci	250	5								1	5	.000			06-07
07 49	26.390	77.9	53.8	24	7															3					07-08
08 44	26.400	78.7	55.4	21	8															3					08-09
09 47	26.380	79.8	56.7	22	9	1	Ac	150	9	Ci	250	9								3	0	.010			09-10
10 50	26.370	78.2	56.0	24	5															4					10-11
11 48	26.360	83.2	57.8	20	1															1					11-12
12 47	26.330	83.7	58.8	20	0	0	Cu	70	0	Ci	250	0								0	8	.050			12-13
13 50	26.290	85.9	57.1	14	0															0					13-14
14 42	26.260	87.3	57.3	13	0															0					14-15
15 50	26.220	86.6	55.6	10	0	0	Cu	80												0	7	.110			15-16
16 48	26.210	85.1	54.3	10	0															0					16-17
17 47	26.190	82.6	52.7	9	0															0					17-18
18 48	26.200	78.6	51.5	11	0	0	Cu	80												0	5	.020			18-19
19 50	26.220	75.0	50.0	13	0															0					19-20
20 50	26.220	72.2	49.0	15	0															0					20-21
21 49	26.215	71.8	48.9	15	0															0	0	.015			21-22
22 47	26.235	68.4	47.0	16	0															0					22-23
23 46	26.255	66.9	46.3	16	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		0	0		79	75										
	0345	1	0	0	0	81	75		0								
	0945	2	0	0	0	80	72		0								
	1546	3	0	0	0	87	78		0								
	2145	4	0	0	0	87	72		0								
	MID.		0	0	0	72	67										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.370	26.380	26.220	26.215
BAROGRAPH 64	26.360	26.370	26.220	26.210
BAR. CORR. 65	+.010	+.010	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
87	67	0	0	0	33	5	1502					4	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 WND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK: 2 SEC SLOW 0946 PST 2155 2 SEC SLOW

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 MAY 09

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 (Inc.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			001	65	22	27	08		965	119	EP
SA	0146	CLR	20			005	64	25	28	11		966		EP
SA	0250	CLR	20			012	61	25	28	07		968		EP
SA	0346	CLR	20			018	57	25	05	05		969	214 57 RADAT 37111	JD
SA	0447	CLR	20			028	53	24	03	07		971		JD
SA	0548	CLR	20			036	58	26	07	02		973		JD
SA	0647	CLR	20			044	61	25	28	03		975	220	JD
SA	0747	CLR	20			048	67	25	05	03		977		JD
SA	0847	250 - SCT	20			053	70	31	03	08		979		JD
SA	0946	250 - SCT	20			048	73	28	06	06		978	007 1101 53	JD
SA	1046	250 - SCT	20			049	76	24	23	03		978		JD
SA	1147	50 SCT 250 - SCT	20			044	75	26	23	02		976		JD
SA	1246	50 SCT 250 - SCT	20			041	78	24	23	02		975	707 1101	JD
SA	1347	50 SCT 250 - SCT	20			039	79	25	19	04		975		JD
SA	1450	250 - SCT	20			040	79	22	26	06		974		JD
SA	1548	250 - SCT	20			038	78	19	27	02		973	807 1101 80 RADAT 37111	MR
SA	1647	250 - SCT	20			039	77	17	23	09	G17	973	FEW Cu	MR
SA	1746	250 - SCT	20			040	77	13	25	09		973	FEW Cu	MR
SA	1846	250 - SCT	20			044	72	9	21	05		975	305 1006	MR
SA	1947	CLR	20			049	65	11	05	02		976		MR
SA	2046	CLR	20			052	66	11	11	02		977		MR
SA	2147	CLR	20			053	62	10	06	02		978	108 80	MR
SA	2245	CLR	20			055	58	11	35	04		978		MR
SA	2349	CLR	20			057	60	12	04	03		979		MR

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

FM11V: IIiii Ndaff 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 MAY 03

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	26.270	64.6	45.8	20	0															0	1	.055			00-01
01 46	26.285	64.3	46.3	22	0															0					01-02
02 50	26.300	61.1	44.8	25	0															0					02-03
03 46	26.310	57.0	42.8	28	0															0	2	.040			03-04
04 47	26.330	53.3	40.9	32	0															0					04-05
05 48	26.350	58.2	43.8	29	0															0					05-06
06 47	26.370	61.2	45.0	25	0															0	2	.060			06-07
07 47	26.385	66.9	47.5	20	0															0					07-08
08 47	26.400	69.7	50.3	23	1															0					08-09
09 46	26.390	72.5	50.8	19	3	0	Cu	50	3	Ci	250	3								0	0	.020			09-10
10 46	26.390	75.5	51.1	15	2															0					10-11
11 47	26.375	74.9	51.2	16	3															1					11-12
12 46	26.370	77.9	52.0	13	4	1	Cu	50	3	Ci	250	4								1	7	.020			12-13
13 47	26.365	78.9	52.6	13	5															1					13-14
14 50	26.360	78.7	51.8	12	4															0					14-15
15 48	26.350	78.1	51.0	11	1	0	Cu	70	1	Ci	250	1								0	8	.020			15-16
16 47	26.350	77.4	50.4	10	1															0					16-17
17 46	26.355	76.5	49.4	9	1															0					17-18
18 46	26.365	72.2	46.9	9	2	2	Ci	250												0	3	.015			18-19
19 47	26.375	65.0	43.8	12	0															0					19-20
20 46	26.390	66.1	44.4	12	0															0					20-21
21 47	26.390	61.9	42.2	13	0															0	1	.025			21-22
22 45	26.395	58.2	40.5	15	0															0					22-23
23 49	26.400	60.2	41.6	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	67	57	X	X						X		
	0343	1	0	0	0	72	57		0								
	0944	2	0	0	0	73	53		0								
	1544	3	0	0	0	80	73		0								
	2143	4	0	0	0	79	61		0								
	MID.	X	0	0	0	62	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.310	26.390	26.350	26.390
BAROGRAPH 64	26.310	26.390	26.355	26.390
BAR. CORR. 65	0	0	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	53	0	0	0	22	NW	0133					2	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: 0554P 1 SEC SLOW / 1838P 1SEC SLOW

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 MAY 0 4

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 (15)
SA	0048	CLR	20			056	59	13	07	02		979	103	MR
SA	0146	CLR	20			058	54	13	04	02		979		MR
SA	0252	CLR	20			057	55	17	07	05		979		MR
SA	0347	CLR	20			060	56	15	04	04		980	303 54 RADAT 30109	JD
SA	0448	CLR	20			066	53	15	00	00		981		JD
SA	0548	CLR	20			078	55	17	11	04		984		JD
SA	0647	CLR	20			084	59	17	27	02		986	119	JD
SA	0747	CLR	20			085	66	21	28	04		986		JD
SA	0849	CLR	20			084	70	22	23	05		987		JD
SA	0947	CLR	20			086	71	22	26	04		987	103 51	JD
SA	1045	CLR	20			084	75	21	22	10		986		JD
SA	1148	CLR	20			076	76	19	26	10		985		JD
SA	1246	CLR	20			074	80	23	20	14	G28	984	808	JD
SA	1346	CLR	20			069	79	21	23	14	G23	982		JD
SA	1450	CLR	20			060	80	21	21	14	G25	980		JD
SA	1547	250-BKN	20			060	79	21	21	17	G25	980	614 1106 81	MR
													RADAT 37112	
SA	1647	250-OVC	20			062	77	21	20	15	G23	979		MR
SA	1745	250-OVC	20			059	75	20	21	16	G21	979		MR
SA	1849	250-OVC	20			062	72	17	24	10	G17	980	500 1007	MR
SA	1946	250-OVC	20			063	70	16	22	08		981		MR
SA	2045	250-OVC	20			068	70	16	20	09	G16	982		MR
SA	2147	250-OVC	20			071	70	17	20	10		983	212 1007 81	MR
SA	2246	250-OVC	20			071	67	14	24	05		983		MR
SA	2347	250-OVC	20			074	63	15	21	02		984		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 MAY 04

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	26.400	58.6	41.0	16	0															0	1	.010			00-01
01 46	26.400	54.0	38.6	19	0															0					01-02
02 52	26.400	54.9	39.9	22	0															0					02-03
03 47	26.410	55.7	40.0	20	0															0	3	.010			03-04
04 48	26.420	52.7	38.4	22	0															0					04-05
05 48	26.450	54.9	39.9	22	0															0					05-06
06 47	26.465	58.7	41.9	20	0															0	1	.055			06-07
07 47	26.470	65.8	46.0	18	0															0					07-08
08 49	26.475	69.6	48.1	17	0															0					08-09
09 47	26.475	71.0	48.7	16	0															0	1	.010			09-10
10 45	26.470	74.9	50.0	13	0															0					10-11
11 48	26.455	75.9	50.2	12	0															0					11-12
12 46	26.450	79.8	52.5	12	0															0	8	.025			12-13
13 46	26.430	78.9	51.8	12	0															0					13-14
14 50	26.410	79.9	52.1	11	0															0					14-15
15 47	26.410	78.9	51.8	12	7	0	Cu	70	7	Ci	250	7								0	6	.040			15-16
16 47	26.405	77.0	50.9	12	10															1					16-17
17 45	26.400	75.1	50.0	13	10															1					17-18
18 49	26.410	72.1	48.1	12	10	10	Cs	250												1	5	.000			18-19
19 46	26.420	70.2	47.0	12	10															1					19-20
20 45	26.435	70.1	47.1	13	10															1					20-21
21 47	26.445	69.6	46.9	13	10	10	Cs	250												1	2	.035			21-22
22 46	26.445	66.8	45.2	13	10															2					22-23
23 47	26.450	63.3	43.6	15	10															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	60	54	X	X						X		
	0343	1	0	0	0	62	54		0								
	0943	2	0	0	0	71	51		0								
	1543	3	0	0	0	81	71		0								
	2143	4	0	0	0	79	70		0								
	MID.	X	0	0	0	70	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.475	26.410	26.445
BAROGRAPH 64	26.405	26.480	26.415	26.435
BAR. CORR. 65	+.005	-.005	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	51	0	0	0	31	W	1413					2	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: 0513P 2 SEC SLOW / 1712P 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 MAY 0 5

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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	250 - BKN	20			070	62	20	23	04		983	000 1008	MR
SA	0149	250 - BKN	20			066	62	23	26	02		982		MR
SA	0250	250 - BKN	20			067	58	24	02	04		982		MR
SA	0347	250 - BKN	20			064	56	26	03	05		981	708 1008 56 RADAT 20115	JD
SA	0447	250 - SCT	20			070	54	25	04	04		982		JD
SA	0546	250 - SCT	20			072	57	27	32	03		983		JD
SA	0646	CLR	20			072	62	31	32	08		983	107 1001	JD
SA	0746	CLR	20			075	64	30	24	04		984		JD
SA	0847	CLR	20			073	66	31	25	03		984		JD
SA	0947	CLR	20			069	71	29	24	14		983	000 1001 53	JD
SA	1046	CLR	20			065	75	21	23	19	G27	982		JD
SA	1146	CLR	20			066	74	15	24	14	G24	982		JD
SA	1247	CLR	20			065	75	14	23	14	G20	982	705 1102	JD
SA	1346	CLR	20			059	77	18	22	12	G24	980		JD
SA	1450	250 - SCT	20			058	75	20	25	12	G21	979		JD
SA	1548	250 - SCT	20			058	76	21	24	12	G17	979	608 1106 77	MR
/													RADAT 31112	/
SA	1647	CLR	20			061	75	21	25	11	G20	979		MR
SA	1745	CLR	20			061	73	21	21	10		979		MR
SA	1848	250 - SCT	20			061	71	19	20	06		980	203 1101	MR
SA	1951	CLR	20			068	68	15	20	03		981		MR
SA	2045	CLR	20			072	65	18	28	04		982		MR
SA	2147	CLR	20			074	67	13	21	08		984	214 77	MR
SA	2245	CLR	20			074	62	14	27	07		984		MR
SA	2348	CLR	20			075	60	18	23	03		984		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 MAY 05

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 47	26.445	62.1	44.1	19	8	8	CS	250												1	0	.000			00-01
01 49	26.430	62.1	44.9	23	6															1					01-02
02 50	26.430	57.5	42.9	27	6															0					02-03
03 47	26.420	56.2	42.7	30	8	8	Cs	250												0	7	.025			03-04
04 47	26.430	54.1	41.4	32	2															0					04-05
05 46	26.435	56.9	43.4	31	1															0					05-06
06 46	26.440	61.7	46.9	31	0	0	Ci	250												0	1	.020			06-07
07 46	26.450	64.1	47.6	27	0															0					07-08
08 47	26.445	66.4	48.9	26	0															0					08-09
09 47	26.440	71.0	50.3	21	0	0	Ci	250												0	0	.000			09-10
10 46	26.430	74.7	50.0	13	0															0					10-11
11 46	26.430	74.2	48.6	10	0															0					11-12
12 47	26.425	75.1	48.9	10	0	0	Cu	60	0	Ci	250	0								0	7	.015			12-13
13 46	26.410	76.6	50.2	11	0															0					13-14
14 50	26.400	75.3	50.0	12	3															1					14-15
15 48	26.400	75.8	50.5	13	3	0	Cu	70	3	Ci	250	3								1	6	.025			15-16
16 47	26.405	74.7	50.0	13	0															0					16-17
17 45	26.405	73.1	49.4	14	0															0					17-18
18 48	26.410	70.8	48.0	14	1	0	Cu	70	1	Ci	250	1								0	2	.010			18-19
19 51	26.425	67.5	45.6	13	0															0					19-20
20 45	26.435	65.3	45.2	16	0															0					20-21
21 47	26.450	67.0	45.0	12	0															0	2	.010			21-22
22 45	26.450	62.2	42.9	15	0															0					22-23
23 48	26.450	60.3	42.9	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	63	56	X	X						X		
	0344	1	0	0	0	70	56		0								
	0944	2	0	0	0	71	53		0								
	1543	3	0	0	0	77	71		0								
	2143	4	0	0	0	76	64		0								
	MID.	X	0	0	0	67	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.440	26.400	26.450
BAROGRAPH 64	26.430	26.440	26.410	26.440
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 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	53	0	0	0	29	SW	1312					1	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: 0509P 1 SEC SLOW / 1740P 1 SEC SLOW

* Barograph Changed 0950P 0 corr.

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 MAY 06

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	CLR	20			081	62	16	35	04		986	305	MR
SA	0150	CLR	20			086	57	14	36	07		987		MR
SA	0253	CLR	20			091	54	16	28	03		988		MR
SA	0347	CLR	20			099	50	15	06	03		990	212 50 RADAT 41107	008
SA	0446	CLR	20			103	50	16	04	07		991		008
SA	0549	CLR	20			111	52	20	29	01		993		008
SA	0647	CLR	20			112	59	19	19	02		994	214	008
SA	0749	250 - BKN	20			112	64	16	06	07		994		008
SA	0848	250 - BKN	20			112	66	7	05	06		994		008
SA	0949	250 - SCT	20			109	69	3	06	05		994	400 1001 49	008
SA	1046	250 - SCT	20			107	71	5	35	06		993		008
SA	1148	250 - BKN	20			098	74	10	21	07		991		008
SA	1247	250 - SCT	20			093	76	5	32	14		990	714 1001	008
SA	1349	250 SCT	20			087	78	-1	30	12G19		987		008
SA	1449	250 SCT	20			089	78	12	31	17G22		987		008
SA	1550	250 SCT	20			090	76	2	34	15G21		987	607 1001 79 RADAT 20109	WRC
SA	1650	250 SCT	20			096	73	3	35	12G19		988		WRC
SA	1750	250 SCT	20			102	70	1	35	15G21		990		WRC
SA	1850	160 SCT 250 SCT	20			109	65	-9	04	10G20		992	314 1031	WRC
SA	1950	180 SCT 250 - SCT	20			110	64	-7	03	16G23		993		WRC
SA	2050	CLR	20			117	62	-6	06	08		995	Few AC SE	WRC
SA	2150	CLR	20			121	60	-4	06	07		996	214 1001 79	WRC
SA	2250	CLR	20			126	54	-6	05	09		997		WRC
SA	2350	CLR	20			127	57	-2	05	14		998		WRC

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 MAY 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 46	26.465	61.9	43.2	17	0															0	3	.015			00-01
01 50	26.475	56.8	40.2	18	0															0					01-02
02 53	26.485	53.5	38.9	22	0															0					02-03
03 47	26.500	50.3	37.2	25	0															0	2	.035			03-04
04 46	26.510	50.0	37.1	25	0															0					04-05
05 49	26.530	52.4	39.4	28	0															0					05-06
06 47	26.540	59.1	43.5	21	0															0	2	.040			06-07
07 49	26.540	63.6	44.0	16	7															2					07-08
08 48	26.540	65.8	43.7	10	7															2					08-09
09 49	26.540	69.3	44.8	7	5	5	Ci	250												2	4	.000			09-10
10 46	26.530	70.7	45.7	7	4															2					10-11
11 48	26.510	73.8	47.7	8	6															2					11-12
12 47	26.500	75.6	47.9	6	4	4	Ci	250												1	7	.040			12-13
13 49	26.480	77.7	48.6	5	2															2					13-14
14 49	26.480	78.0	49.8	8	2															2					14-15
15 50	26.480	76.4	47.9	5	2	2	Ci	250												2	6	.020			15-16
16 50	26.490	72.7	46.4	6	1															1					16-17
17 50	26.500	69.9	44.8	6	1															1					17-18
18 50	26.520	65.4	41.5	5	3	2	Ac	160	1	Ci	250	3								2	3	.040			18-19
19 50	26.530	64.0	41.3	5	3															1					19-20
20 50	26.550	62.4	40.5	6	0															0					20-21
21 50	26.560	60.2	39.6	7	0	0	Ci	250												0	2	.040			21-22
22 50	26.570	54.3	36.3	9	0															0					22-23
23 50	26.580	56.9	36.1	9	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	63	50	X	X						X		
	0342	1	0	0	0	67	50		0								
	0843	2	0	0	0	72	49		0								
	1546	3	0	0	0	79	69		0								
	2146	4	0	0	0	76	60		0								
	MID.	X	0	0	0	61	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0848	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.580	26.480	26.560
BAROGRAPH 64	26.500	26.540	26.480	26.560
BAR. CORR. 65	±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
79	49	0	0	0	26	N	1618					3	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: 0834P - ON TIME!
1300P - 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 MAY 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. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			127	55	-1	04	15		998	107	WRG
SA	0150	250 - SCT	20			131	53	-2	05	15		999		WRG
SA	0246	250 - SCT	20			136	52	2	04	14		001		WRG
SA	0345	250 - BKN	20			140	50	10	05	10		002	210 1001 50 RADAT 20082	WRG
SA	0446	250 - SCT	20			142	51	10	04	14		002		WRG
SA	~~0546~~ 0646	CLR	20			147	52	11	04	11 G 17		003		WRG
SA	0648	CLR	20			156	53	11	04	12 G 17		005	510	WRG
SA	0747	CLR	20			155	58	10	02	14		005		WRG
SA	0845	CLR	20			152	62	9	07	07 G 12		005		WRG
SA	0949	CLR	20			150	64	9	07	09 G 20		004	803 50	WRG
SA	1046	CLR	20			140	67	10	13	06 G 14		001		WRG
SA	1149	CLR	20			128	69	10	06	02		998		WRG
SA	1247	CLR	20			125	70	10	31	05		997	620	WRG
SA	1346	CLR	20			113	74	12	25	07 G 13		994		WRG
SA	1447	CLR	20			110	74	11	19	06		993		WRG
SA	1550	CLR	20			107	75	6	24	10		992	717 75 RADAT 22104	WRG
SA	1650	CLR	20			104	73	5	23	08		991		WRG
SA	1750	CLR	20.			101	71	5	19	07		990		WRG
SA	1850	CLR	20			105	68	5	21	06		991	503	WRG
SA	1950	CLR	20			109	63	2	30	03		992		WRG
SA	2050	CLR	20			118	59	5	05	04		994		WRG
SA	2145	CLR	20			119	56	1	02	07		994	110 75	WRG
SA	2250	CLR	20			115	57	6	03	08		994		WRG
SA	2350	CLR	20			115	56	6	00	00		994		WRG

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 MAY 07

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 50	26.580	55.0	37.2	10	0															0	1	.020			00-01
01 50	26.590	53.1	36.1	10	2															1					01-02
02 46	26.600	52.0	35.9	13	2															1					02-03
03 45	26.600	50.3	36.2	19	6	6	ci	250												2	2	.030			03-04
04 46	26.610	50.8	36.5	19	2															1					04-05
05 46	26.670	51.8	37.2	19	0															0					05-06
06 48	26.640	53.4	38.0	18	0															0	3	.030			06-07
07 47	26.640	58.2	40.3	15	0															0					07-08
08 45	26.640	62.2	42.2	12	0															0					08-09
09 49	26.630	63.6	42.8	11	0															0	8	.010			09-10
10 46	26.600	67.4	44.8	11	0															0					10-11
11 49	26.580	68.8	45.4	10	0															0					11-12
12 47	26.570	70.3	46.1	9	0															0	6	.060			12-13
13 46	26.540	74.2	48.2	9	0															0					13-14
14 47	26.530	73.9	47.9	9	0															0					14-15
15 50	26.520	74.5	47.5	7	0															0	7	.050			15-16
16 50	26.510	73.0	46.7	7	0															0					16-17
17 50	26.500	71.4	46.0	7	0															0					17-18
18 50	26.510	67.5	44.2	8	0															0	5	.010			18-19
19 50	26.520	62.8	41.5	8	0															0					19-20
20 50	26.540	58.5	39.9	11	0															0					20-21
21 45	26.540	56.3	38.1	10	0															0	1	.030			21-22
22 50	26.540	57.2	39.1	12	0															0					22-23
23 50	26.540	56.3	38.7	13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0740	X	0	0	X	57	50	X	X						X		
	0340	1	0	0	0	61	50		0								
	0942	2	0	0	0	66	50		0								
	1546	3	0	0	0	75	64		0								
	2141	4	0	0	0	75	55		0								
	MID.	X	0	0	0	57	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0340	0948	1546	2141
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.630	26.520	26.540
BAROGRAPH 64	26.600	26.630	26.520	26.540
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
75	50	0	0	0	20	SE	0949					0	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: 0820P - ON TIME

2313P - 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 MAY 0 8

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 (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	CLR	20			119	55	3	05	03		995	303	WRC
SA	0150	CLR	20			117	54	2	05	04		995		WRC
SA	0250	CLR	20			120	49	4	00	00		995		WRC
SA	0348	CLR	20			129	51	7	15	01		998	310 ~~50~~ #9 RAWT 30106	008
SA	0448	CLR	20			140	49	7	17	03		001		008
SA	0545	CLR	20			141	54	10	30	01		002		008
SA	0648	CLR	20			147	63	18	08	02		004	217	008
SA	0746	CLR	20			151	67	19	35	07		005		008
SA	0847	CLR	20			151	71	19	31	10 G 16		005		008
SA	0946	CLR	20			150	73	17	26	08 G 14		005	103 49	008
SA	1048	CLR	20			150	75	20	31	07 G 16		005		008
SA	1148	CLR	20			145	77	19	30	09 G 17		004		008
SA	1245	CLR	20			141	78	19	01	06 G 12		003	807	008
SA	1347	CLR	20			133	80	22	27	07 G 17		001		008
SA	1445	CLR	20			131	81	24	31	09 G 19		999		008
SA	1550	160 SCT	20			127	80	25	29	16		998	714 1040 83 RAOA743116	WRC
SA	1650	CLR	20			127	81	24	31	10 G 20		998	Few Ac NW	WRC
SA	1750	CLR	20			126	79	22	31	12		996	Few Ac NW	WRC
SA	1850	160 SCT	20			131	75	24	32	11		001	307 1040	WRC
SA	1950	180 SCT	20			142	72	25	35	10		004		WRC
SA	2045	160 SCT	20			144	72	21	01	10 G 20		005		WRC
SA	2150	CLR	20			156	65	20	05	10		006	324 83	WRC
SA	2250	CLR	20			164	67	17	06	10		011		WRC
SA	2350	CLR	20			169	63	17	04	12		012		WRC

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} $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 MAY 0 8

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	26.550	55.2	37.8	12	0															0	3	.010			00-01
01 50	26.550	53.8	36.9	12	0															0					01-02
02 50	26.550	49.4	34.8	15	0															0					02-03
03 48	26.580	50.6	35.8	17	0															0	3	.030			03-04
04 48	26.600	49.1	35.0	18	0															0					04-05
05 45	26.610	54.4	38.4	17	0															0					05-06
06 48	26.630	62.8	44.0	17	0															0	2	.050			06-07
07 46	26.640	67.2	46.3	16	0															0					07-08
08 47	26.640	71.0	48.1	14	0															0					08-09
09 46	26.640	73.2	48.7	12	0															0	1	.010			09-10
10 48	26.640	75.3	50.0	12	0															0					10-11
11 48	26.630	76.8	50.6	11	0															0					11-12
12 45	26.600	77.9	51.0	11	0															0	8	.020			12-13
13 47	26.600	80.3	52.5	11	0															0					13-14
14 45	26.590	81.3	53.4	12	0															0					14-15
15 50	26.580	80.3	53.1	13	1	1	AC	180												1	7	.040			15-16
16 50	26.580	80.6	53.2	13	0															0					16-17
17 50	26.580	78.8	52.0	12	0															0					17-18
18 50	26.600	75.3	51.0	15	1	1	AC	180												1	3	.020			18-19
19 50	26.630	72.4	49.9	17	1															1					19-20
20 45	26.690	72.1	48.9	14	1															1					20-21
21 50	26.670	68.2	46.9	16	0															0	3	.070			21-22
22 50	26.690	66.9	45.8	15	0															0					22-23
23 50	26.700	63.0	44.0	17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	56	49	X	X						X		
	0341	1	0	0	0	57	49		0								
	0942	2	0	0	0	75	49		0								
	1546	3	0	0	0	83	73		0								
	2146	4	0	0	0	82	68		0								
	MID.	X	0	0	0	68	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.640	26.580	26.670
BAROGRAPH 64	26.580	26.650	26.585	26.670
BAR. CORR. 65	+.020	-.010	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	49	0	0	0	27	NW	1525					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: 0615P - ON TIME
2352P - 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 MAY 09

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 (100-36) (9)	WIND: SPEED (Kts.) (10)	WIND: CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0050	CLR	20			174	63	13	03	13		013	214	WRC
SA	0150	CLR	20			176	62	10	04	11		014		WRC
SA	0250	CLR	20			182	62	12	06	12		016		WRC
SA	0349	CLR	20			184	57	17	04	10		016	110 56 RAOAT 43110	WRC
SA	0449	CLR	20			187	58	16	07	05		017	FEW CIW	WRC
SA	0549	CLR	20			192	60	17	03	07		018		WRC
SA	0646	250 - SCT	20			199	62	20	06	06		021	314 1001	WRC
SA	0744	250 - BKN	20			196	67	20	11	09G14		020		WRC
SA	0847	250 - BKN	20			195	69	18	12	12G19		020		WRC
SA	0946	250 - BKN	20			196	72	20	09	10		020	63 1001 56	WRC
SA	1047	250 - BKN	20			194	72	21	09	07G13		019		WRC
SA	1148	250 - BKN	20			185	75	22	10	07G15		016		WRC
SA	1249	250 - BKN	20			177	76	25	14	10		014	817 1001	WRC
SA	1347	250 - OVC	20			165	76	24	07	06		011		WRC
SA	1444	250 - OVC	20			155	81	29	04	03		008		WRC
SA	1550	250 - OVC	20			148	80	24	36	06		005	527 1007 82 RAOAT 48114	WRC
SA	1650	250 - OVC	20			140	78	27	33	03		003		WRC
SA	1750	250 - OVC	20			139	78	24	25	07		003		WRC
SA	1850	250 - OVC	20			140	73	23	00	00		003	607 1007	WRC
SA	1950	250 - BKN	20			138	71	17	12	08		003		WRC
SA	2050	250 - SCT	20			139	68	17	12	07		003		WRC
SA	2150	250 - SCT	20			139	65	13	13	09		003	400 1008 82	WRC
SA	2250	250 - SCT	20			140	62	14	04	05		003		WRC
SA	2350	250 - SCT	20			141	60	14	04	03		003		WRC

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, NM

DATE: 1981 MAY 09

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	26.710	62.8	43.0	14	0															0	2	.040				00-01
01 50	26.720	62.0	42.2	13	0															0						01-02
02 50	26.740	61.8	42.4	14	0															0						02-03
03 49	26.740	57.3	41.1	20	0															0	1	.030				03-04
04 49	26.750	58.0	41.3	19	0															0						04-05
05 49	26.760	60.4	42.6	18	0															0						05-06
06 46	26.780	62.3	44.3	20	3	3	ci	250												1	3	.040				06-07
07 44	26.770	66.8	46.3	17	7															1						07-08
08 47	26.770	69.3	47.1	14	7															1						08-09
09 46	26.770	71.9	48.6	14	7	7	ci	250												1	6	.010				09-10
10 47	26.760	71.6	48.6	14	7															1						10-11
11 48	26.740	75.4	50.6	14	6															1						11-12
12 49	26.720	76.4	51.7	15	8	8	ci	250												1	8	.050				12-13
13 47	26.690	76.1	51.3	14	10															2						13-14
14 44	26.670	81.1	54.6	15	10															3						14-15
15 50	26.640	79.9	52.8	13	10	10	cs	250												4	8	.050				15-16
16 50	26.620	79.3	52.8	15	10															5						16-17
17 50	26.620	77.7	51.8	13	10															5						17-18
18 50	26.620	73.4	49.9	15	10	10	cs	250												5	6	.020				18-19
19 50	26.620	71.3	47.8	13	9															4						19-20
20 50	26.620	67.5	46.0	14	4															2						20-21
21 50	26.620	65.0	44.2	13	5	5	cs	250												2	4	.000				21-22
22 50	26.620	62.1	43.0	15	5															2						22-23
23 50	26.620	59.7	41.8	17	4															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	65	56	X	X						X		
	0344	1	0	0	0	68	56		0								
	0947	2	0	0	0	73	56		0								
	1546	3	0	0	0	82	72		0								
	2146	4	0	0	0	80	65		0								
	MID.	X	0	0	0	65	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.770	26.640	26.620
BAROGRAPH 64	26.745	26.780	26.640	26.620
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 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
82	56	0	0	0	21	E	0953					7	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: 0670P - ON TIME / 2330 1 sec SLOW

1000P - CHANGED BAROGRAM

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 MAY 10

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 (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	250 -BKN	20			138	57	15	00	00		002	803 1008	RP
SA	0150	250 -SCT	20			139	55	16	00	00		002		RP
SA	0250	250 -SCT	20			134	54	16	09	03		001		RP
SA	0345	CLR	20			129	55	21	06	04		999	807 1008 53 RADAT 53118	CG
SA	0450	CLR	20			131	53	23	33	02		999		CG
SA	0546	CLR	20			132	58	22	06	02		001		CG
SA	0647	CLR	20			131	65	21	36	04		001	103 1008	CG
SA	0748	CLR	20			130	71	24	24	03		001		CG
SA	0846	CLR	20			126	74	22	36	04		999		CG
SA	0950	250 SCT	20			120	78	22	11	05		998	807 1008 53	CG
SA	1052	CLR	20			109	81	24	16	06		995		CG
SA	1150	CLR	20			093	85	30	22	10		991		CG
SA	1250	CLR	20			086	87	29	22	12		988	730 1100	CG
SA	1355	CLR	20			075	88	25	21	17		985		CG
SA	1448	CLR	20			070	86	31	22	17		983		CG
SA	1549	CLR	20			068	86	34	21	14		983	619 1108 88 RADAT 33122	DS
SA	1648	300 -SCT	20			058	85	35	24	12		980		DS
SA	1750	300-SCT	20			046	83	31	23	11		976		DS
SA	1850	300-SCT	20			045	80	26	24	05		976	619 1401	DS
SA	1947	CLR	20			043	72	28	34	03		976		DS
SA	2046	CLR	20			045	76	29	23	10		978		DS
SA	2147	CLR	20			037	76	29	24	18		976	802 1001 88	DS
SA	2248	CLR	20			035	74	26	24	16		975		DS
SA	2347	CLR	20			038	73	31	25	14		976		DS

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

FM11V: IIiii Ndaff 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 MAY 10

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	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	26.610	56.7	40.4	19	6	6	CS	250												3	8	.010			00-01
01 50	26.610	55.4	40.0	21	2															1					01-02
02 50	26.600	53.9	39.3	22	2															1					02-03
03 45	26.590	54.7	40.8	27	0	0	CS	250												0	8	.020			03-04
04 50	26.590	52.5	40.0	31	0															0					04-05
05 46	26.600	58.2	42.7	24	0															0					05-06
06 47	26.600	64.9	45.6	18	0	0	CS	250												0	1	.010			06-07
07 48	26.600	70.6	48.8	17	0															0					07-08
08 46	26.590	73.6	49.8	14	0															0					08-09
09 50	26.580	78.1	51.6	12	1	1	CS	250												1	8	.020			09-10
10 52	26.550	80.8	53.1	12	0															0					10-11
11 50	26.510	84.9	56.2	14	0															0					11-12
12 50	26.490	86.6	56.5	12	0	0	CU	40												0	7	.090			12-13
13 55	26.460	87.7	56.1	10	0															0					13-14
14 48	26.440	85.9	56.7	14	0															0					14-15
15 49	26.435	85.7	57.7	16	0	0	CU	70	0	CS	280	0								0	6	.055			15-16
16 48	26.410	85.4	57.7	16	1															0					16-17
17 50	26.380	83.0	55.7	15	4															1					17-18
18 50	26.380	79.5	53.0	14	2	0	SC	70	2	CI	300	2								0	6	.055			18-19
19 47	26.375	71.8	50.5	20	0															0					19-20
20 46	26.390	76.1	52.5	18	0															0					20-21
21 49	26.375	76.0	52.4	18	0	0	CI	300												0	8	.005			21-22
22 48	26.370	74.3	51.0	17	0															0					22-23
23 47	26.380	73.0	51.7	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	60	53	X	X						X		
	0343	1	0	0	0	65	53		0								
	0947	2	0	0	0	78	53		0								
	1541	3	0	0	0	88	78		0								
	2141	4	0	0	0	86	71		0								
	MID.	X	0	0	0	76	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0949	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.580	26.435	26.375
BAROGRAPH 64	26.590	26.580	26.430	26.370
BAR. CORR. 65	0	0	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (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
88	53	0	0	0	24	SW	1503					0	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: 1230 PST 1 SEC SLOW

2158 P 1½ SEC SLOW

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: USMO, DESERT ROCK, NV

DATE: 1991 MAY 1 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. (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)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			047	74	26	33	16		980	312	LJS
SA	0147	CLR	20			054	71	35	25	09		982		LJS
SA	0246	CLR	20			064	66	34	03	12		983		LJS
SA	0345	CLR	20			073	63	32	03	17		985	217 1001 63 RADAT 42127	CG
SA	0448	CLR	20			088	62	29	03	18		990		CG
SA	0546	CLR	20			096	63	29	06	10		992		CG
SA	0647	CLR	20			109	65	29	06	12		995	230 1001	CG
SA	0745	CLR	20			116	67	32	01	09		996		CG
SA	0848	CLR	20			107	71	25	02	07		995		CG
SA	0948	CLR	20			102	74	28	03	11		994	803 1001 62	CG
SA	1048	250-SCT	20			094	76	27	29	04		992		CG
SA	1145	250-BKN	20			084	82	23	28	03		990		CG
SA	1245	250-BKN	20			076	82	22	26	04		987	720 1008	CG
SA	1345	250-BKN	20			069	83	24	27	13		985		CG
SA	1446	250-BKN	20			064	84	21	25	07		983		CG
SA	1549	300-SCT	20			062	83	27	25	08		982	717 1008 84 RADAT 31126	LJS
SA	1647	300-SCT	20			056	82	29	25	07		980		LJS
SA	1750	300-SCT	20			052	81	30	22	08		979		LJS
SA	1845	300-SCT	20			052	79	29	20	10		979	610 1008	LJS
SA	1946	300-SCT	20			052	77	24	17	07		979		LJS
SA	2045	CLR	20			046	77	25	20	16		978		LJS
SA	2147	CLR	20			043	76	31	22	07		977	605 84	LJS
SA	2248	CLR	20			045	74	32	23	09		978		LJS
SA	2348	CLR	20			046	72	30	02	06		979		LJS

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

FM11V: Ihii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_gT_{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 NUMBER DESERT ROCK, NV

DATE 1981 MAY 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 50	26.410	74.2	50.9	19	0															0	3	035			00-01
01 47	26.425	71.0	52.3	27	0															0					01-02
02 46	26.440	66.3	50.0	30	0															0					02-03
03 45	26.460	63.4	48.0	31	0	0	Cl	250												0	2	.050			03-04
04 48	26.500	61.9	46.3	28	0															0					04-05
05 46	26.520	62.5	46.7	28	0															0					05-06
06 47	26.550	64.9	47.7	26	0	0	Cl	250												0	2	.090			06-07
07 45	26.560	67.1	49.6	27	0															0					07-08
08 48	26.550	71.2	49.4	17	0															0					08-09
09 48	26.540	73.9	51.4	18	0	0	Cl	250												0	8	.010			09-10
10 48	26.520	76.1	51.9	16	2															0					10-11
11 45	26.500	81.8	53.4	11	7															0					11-12
12 45	26.480	81.6	53.1	11	7	7	Cs	250												0	7	.060			12-13
13 45	26.460	83.3	54.1	11	6															0					13-14
14 46	26.440	83.9	53.8	10	6															0					14-15
15 49	26.430	83.0	54.7	13	2	2	Cs	300												0	7	050			15-16
16 47	26.410	81.8	54.7	14	2															0					16-17
17 50	26.400	81.3	54.7	15	2															0					17-18
18 45	26.400	78.8	53.0	15	2	2	Cs	300												0	6	030			18-19
19 46	26.400	76.7	51.5	15	1															0					19-20
20 45	26.390	75.6	51.2	15	0															0					20-21
21 47	26.385	76.0	53.0	19	0															0	6	015			21-22
22 48	26.390	74.2	52.7	22	0															0					22-23
23 48	26.400	72.2	51.2	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	74	63	X	X						X		
	0343	1	0	0	0	76	63		0								
	0945	2	0	0	0	74	62		0								
	1541	3	0	0	0	84	74		0								
	2140	4	0	0	0	84	75		0								
	MID.	X	0	0	0	76	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.540	26.430	26.385
BAROGRAPH 64	26.460	26.540	26.420	26.375
BAR. CORR. 65	0	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 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
84	62	0	0	0	20	SW	2155					2	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: 0705 PST 1 SEC SLOW
1959 P 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 MAY 12

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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			050	71	32	05	04		980	308	US
SA	0147	CLR	20			059	70	31	26	06		982		US
SA	0247	CLR	20			065	64	32	32	06		983		US
SA	0346	CLR	20			068	61	31	01	03		983	110 61 RADAT 36133	CG
SA	0447	CLR	20			074	58	31	04	04		984		CG
SA	0547	250-SCT	20			079	63	32	18	02		986		CG
SA	0646	250-SCT	20			085	68	33	19	03		988	217 1008	CG
SA	0747	250-SCT	20			087	73	34	19	05		990		CG
SA	0845	250-SCT	20			086	75	31	23	05		990		CG
SA	0945	CLR	20			085	77	28	31	07		990	003 1008 58	CG
SA	1047	CLR	20			076	81	28	24	10		987		CG
SA	1145	CLR	20			072	83	29	24	08		986		CG
SA	1246	CLR	20			068	84	30	27	11		985	714 1100	CG
SA	1347	CLR	20			064	86	27	21	08		984		CG
SA	1446	CLR	20			055	87	29	25	14		981		CG
SA	1547	CLR	20			054	87	29	23	11		980	717 1100 87 RADAT 37128	US
SA	1646	CLR	20			050	85	29	23	10		979	FEW CU	US
SA	1747	CLR	20			049	84	31	24	11		979		US
SA	1846	CLR	20			053	80	30	24	06		980	500	US
SA	1950	CLR	20			062	75	25	35	04		982		US
SA	2047	CLR	20			066	76	27	06	09		984		US
SA	2147	CLR	20			072	73	29	03	08		985	317 87	US
SA	2248	CLR	20			070	72	29	05	06		985		US
SA	2348	CLR	20			073	71	27	04	08		986		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 $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh$ 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

SURFACE WEATHER OBSERVATIONS

STATION USMO, DESERT ROCK, NV

DATE 1981 MAY 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 48	26.410	71.1	51.3	23	0															0	3	.025			00-01
01 47	26.430	70.1	50.6	23	0															0					01-02
02 47	26.440	64.3	48.5	30	0															0					02-03
03 46	26.440	61.4	46.6	31	0															0	1	.030			03-04
04 47	26.450	57.9	45.0	35	0															0					04-05
05 47	26.470	63.1	47.8	31	1															0					05-06
06 46	26.490	67.9	50.2	27	2	2	Cs	250												0	2	.050			06-07
07 47	26.500	73.1	52.7	24	2															0					07-08
08 45	26.500	75.1	52.5	19	1															0					08-09
09 45	26.500	77.2	52.7	16	0	0	Cs	250												0	0	.010			09-10
10 47	26.480	80.9	54.1	14	0															0					10-11
11 45	26.470	82.6	55.1	14	0															0					11-12
12 46	26.460	84.4	55.9	14	0	0	Cu	60												0	7	.040			12-13
13 47	26.450	86.4	56.1	12	0															0					13-14
14 46	26.420	86.7	56.6	12	0															0					14-15
15 47	26.410	86.8	56.7	12	0	0	Cu	70												0	7	0.50			15-16
16 46	26.395	85.0	56.0	13	0															0					16-17
17 47	26.395	83.8	56.0	15	0															0					17-18
18 46	26.410	80.0	54.2	16	0															0	5	000			18-19
19 50	26.430	75.2	51.0	15	0															0					19-20
20 47	26.450	76.4	52.0	16	0															0					20-21
21 49	26.460	73.1	51.3	20	0															0	3	050			21-22
22 48	26.460	72.4	50.9	20	0															0					22-23
23 48	26.470	71.4	50.0	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	72	61	X	X						X		
	0344	1	0	0	0	76	61		0								
	0943	2	0	0	0	77	58		0								
	1540	3	0	0	0	87	77		0								
	2141	4	0	0	0	87	73		0								
	MID.	X	0	0	0	73	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.380	26.410	26.460
BAROGRAPH 64	26.440	26.490	26.400	26.450
BAR. CORR. 65	0	+.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
87	58	0	0	0	19	SW	1405					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: 0605 PST 1 SEC SLOW
1957 P 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 WMO DESERT ROCK, NV

DATE 1981 MAY 13

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 (15)
SA	0045	CLR	20			074	73	27	05	13		987	305	US
SA	0150	CLR	20			085	67	23	03	12		990		US
SA	0250	CLR	20			095	64	24	05	14		993		US
SA	0345	CLR	20			106	63	15	05	10		995	225 1008 63 RADAT 51122	CG
SA	0445	CLR	20			116	61	17	04	11		997		CG
SA	0547	CLR	20			124	62	17	04	12		999		CG
SA	0646	CLR	20			128	64	19	04	13		001	217	CG
SA	0746	CLR	20			128	67	23	03	14		001		CG
SA	0846	CLR	20			125	73	22	05	05		001		CG
SA	0946	CLR	20			121	77	21	14	12		999	803 1008 61	CG
SA	1048	CLR	20			116	79	24	10	11		998		CG
SA	1146	CLR	20			108	82	27	12	09		996		CG
SA	1248	CLR	20			099	83	28	13	04		994	717 1008	CG
SA	1345	CLR	20			094	84	29	12	04		992		CG
SA	1445	CLR	20			081	89	23	19	05		988		CG
SA	1547	CLR	20			076	86	27	24	10		986	724 89 RADAT 45123	US
SA	1649	CLR	20			070	85	27	20	16		984		US
SA	1745	CLR	20			067	83	31	18	13		984		US
SA	1849	CLR	20			071	80	33	22	09		984	TCU DSNT W 607 1202	US
SA	1946	CLR	20			075	77	28	20	06		985	CU DSPTG W	US
SA	2045	CLR	20			074	72	32	11	04		985		US
SA	2145	CLR	20			072	71	31	13	07		985	103 1002 89	US
SA	2246	CLR	20			071	70	27	14	03		985		US
SA	2350	CLR	20			065	70	27	20	06		984		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: NCMO, DESERT ROCK, NV

DATE: 1981 MAY 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 45	26.475	72.5	50.4	18	0															0	3	015			00-01
01 50	26.500	66.9	47.0	19	0															0					01-02
02 50	26.525	64.3	46.0	21	0															0					02-03
03 45	26.550	62.8	43.7	16	0	0	CS	250												0	2	.075			03-04
04 45	26.570	60.9	43.0	18	0															0					04-05
05 47	26.590	62.3	43.6	17	0															0					05-06
06 46	26.600	63.9	44.7	17	0															0	2	.050			06-07
07 46	26.600	67.4	47.1	18	0															0					07-08
08 46	26.600	73.1	49.8	15	0															0					08-09
09 46	26.590	77.2	51.1	12	0	0	CS	250												0	8	.010			09-10
10 48	26.580	78.6	52.4	13	0															0					10-11
11 46	26.560	81.6	54.3	14	0															0					11-12
12 48	26.540	83.3	55.1	13	0	0	CS	250												0	7	.050			12-13
13 45	26.520	84.4	55.9	14	0															0					13-14
14 45	26.490	88.9	58.1	9	0															0					14-15
15 47	26.470	86.2	56.0	12	0															0	7	070			15-16
16 49	26.450	85.0	55.5	12	0															0					16-17
17 45	26.450	83.3	55.8	15	0															0					17-18
18 49	26.450	80.0	55.0	18	0	0	CU	60	0	CI	200	0								0	6	020			18-19
19 46	26.460	77.3	52.6	16	0															0					19-20
20 45	26.460	72.4	51.8	23	0															0					20-21
21 45	26.460	70.7	50.8	23	0	0	CI	220												0	1	010			21-22
22 46	26.460	70.0	49.5	20	0															0					22-23
23 50	26.445	69.9	49.3	20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	73	63	X	X						X		
	0342	1	0	0	0	73	63		0								
	0943	2	0	0	0	77	61		0								
	1540	3	0	0	0	89	77		0								
	2140	4	0	0	0	87	70		0								
	MID.	X	0	0	0	71	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.590	26.470	26.460
BAROGRAPH 64	26.550	26.590	26.460	26.450
BAR. CORR. 65	0	*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 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
89	61	0	0	0	23	SW	1457					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: 0830 PST 1 SEC. SLOW
1854P 1 SEC SLOW

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

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 MAY 14

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 (15)
SA	0045	CLR	20			056	72	35	20	12		982	812	US
SA	0146	CLR	20			056	70	30	22	04		982		US
SA	0249	CLR	20			050	66	32	13	03		980		US
SA	0350	CLR	20			047	65	28	25	03		979	808 1050 64 RADAT 20130	RD
SA	0449	160 SCT	20			045	64	28	15	08		978		RD
SA	0551	160 SCT 250-SCT	20			045	71	31	18	10		979		RD
SA	0649	160 SCT	20			048	73	32	23	09		980	302 1080	RD
SA	0750	160 SCT	20			052	74	37	22	20		980		RD
SA	0850	CLR	20			049	76	37	22	19		979		RD
SA	0948	CLR	20			046	77	37	21	18	G26	978	805 1001 62	RD
SA	1049	250 SCT	20			041	80	34	21	20	G28	977		RD
SA	1147	250 SCT	20			035	81	35	21	17	G26	976		RD
SA	1249	250 SCT	20			025	82	37	20	22		973	715 1105	RD
SA	1348	70 SCT E250 BKN	20			016	83	38	20	18	G26	970	PK WND 1936/13	RD
SA	1450	70 SCT 160 SCT 250-OVC	20			011	81	34	21	18		968		RD
SA	1549	70 SCT 160 SCT 250-BKN	20			000	83	32	20	17	G30	965	825 1178 84 RADAT	JC
/													44117	/
SA	1648	70 SCT 250-BKN	20			992	79	33	20	16	G30	961		JC
SA	1749	70 SCT 250-SCT	20			985	77	37	21	18	G28	960		JC
SA	1851	70 SCT 250 SCT	20			989	73	33	21	12	G22	961	510 1408	JC
SA	1949	70 SCT 250-BKN	20			994	71	34	20	10	G17	962	CB OCNL LTGIC	JC
/													SW-NW MOVG NE	/
SA	2048	E70 BKN 250 OVC	20			020	70	33	25	10	G20	970	PRESRR CB OCNL	JC
/													LTGICCG NW MOVG NE	/
SA	2150	E50 BKN 250 OVC	20			028	62	42	03	12		971	CB NW MOVG NE	JC
/													230 1908 84	/
SA	2249	E60 BKN 250 OVC	20			011	62	40	06	15	G22	967		JC
SA	2346	70 SCT 250-BKN	20			021	62	42	04	07		970		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_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 MAY 14

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 45	26.425	71.8	52.6	26	0															0	8	035			00-01
01 46	26.425	70.1	50.4	23	0															0					01-02
02 49	26.410	66.0	49.2	28	0															0					02-03
03 50	26.400	65.0	47.3	25	0	0	Ac	160												0	8	.025			03-04
04 49	26.390	64.0	47.0	26	2															2					04-05
05 51	26.400	71.1	50.9	22	4															2					05-06
06 49	26.405	73.4	52.2	23	5	5	Ac	160												3	3	.015			06-07
07 50	26.410	74.0	54.0	26	2															2					07-08
08 50	26.400	76.4	55.0	24	0															0					08-09
09 48	26.390	77.0	55.1	23	0	0	Ci	250												0	8	.015			09-10
10 49	26.380	80.0	55.6	19	1															1					10-11
11 47	26.370	80.8	56.0	19	1															1					11-12
12 49	26.345	81.8	57.0	20	4	0	Cu	70	4	Ci	250	4								3	7	.045			12-13
13 48	26.320	83.2	58.0	20	7															4					13-14
14 50	26.300	81.2	55.8	17	10															4					14-15
15 49	26.270	83.1	56.0	16	9	4	Cu	70	0	Ac	160	4	5	Cs	250	9				4	8	.025			15-16
16 48	26.240	79.2	54.9	19	6															2					16-17
17 49	26.230	76.7	55.0	23	4															1					17-18
18 51	26.240	73.3	52.5	23	4	2	Sc	70	2	Cs	250	4								3	5	.030			18-19
19 49	26.250	70.9	51.7	26	7															2					19-20
20 48	26.320	70.3	51.3	25	10															8					20-21
21 50	26.330	68.4	51.2	47	10	7	CB	E50	3	Cs	250	10								9	2	.090			21-22
22 49	26.290	61.8	50.0	44	10															10					22-23
23 46	26.320	61.9	50.9	47	6															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	73	64	X	X						X		
	0343	1	0	0	0	73	64		0								
	0942	2	0	0	0	77	62		0								
	1545	3	0	0	0	84	77		0								
	2145	4	0	0	0	83	61		0								
	MID.	X	0	0	0	63	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.390	26.270	26.330
BAROGRAPH 64	26.405	26.390	26.260	26.325
BAR. CORR. 65	-.005	0	+.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
84	61	0	0	0	36	5	1313					4	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: 0800 PST 1 SEC SLOW / 2109 PST 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 MAY 15

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)	OB. SERVER'S INITIALS (15)
SA	0046	250 -SCT	20			014	61	40	10	06		968	510 1001	JC
SA	0145	250 -SCT	20			016	58	40	26	05		968		JC
SA	0248	E250 BKN	20			013	58	41	04	04		967		JC
SA	0349	E250 BKN	20			012	58	41	22	05		967	603 1008 56 RADAT 48104	RD
SA	0450	E200 BKN	20			018	56	41	29	05		968		RD
SA	0549	E200 BKN	20			022	58	41	19	03		969		RD
SA	0647	E200 OVC	20			029	59	40	26	09		971	212 1107	RD
SA	0747	E200 OVC	20			030	61	41	22	10		971		RD
SA	0849	80 SCT E200 BKN	20			025	64	40	25	10		970		RD
SA	0950	80 SCT E200 BKN	20			024	65	39	25	10		969	807 1108 55	RD
SA	1049	80 SCT E200 BKN	20			018	66	34	29	06		967		RD
SA	1149	E80 BKN 200 BKN	20			009	71	34	27	05		965		RD
SA	1251	E70 BKN 200 BKN	20			005	72	33	25	09		963	715 1101	RD
SA	1349	E70 BKN 200 BKN	20			003	72	31	25	10		962		RD
SA	1450	E70 BKN 200 BKN	20			995	72	31	30	11		960		RD
SA	1549	E70 BKN 200 BKN	20			986	71	32	32	09		958	817 1101 73 RADAT	JC
/													62103	/
SA	1647	E70 BKN 250 BKN	20			983	73	32	29	10		957		JC
SA	1750	E70 BKN 250 BKN	20			979	71	32	30	05		956		JC
SA	1849	E70 BKN 250 BKN	20			979	70	30	23	10		956	607 1401	JC
SA	1950	E70 BKN	20			979	68	35	21	06		956		JC
SA	2053	E70 BKN	20			986	66	38	22	07		958		JC
SA	2149	E70 BKN	20			990	65	36	25	08		959	310 1400 74	JC
SA	2248	E70 BKN	20			990	63	34	24	13		959		JC
SA	2350	E70 OVC	20			988	61	35	32	04		959	BINOVC	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 $6P_oP_oP_oP_o$ $7RRR_{tz}$ $8N_sCh$ 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 MAY 15

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 46	26.300	60.7	49.8	47	3	3	Ci	250												1	5	.030			00-01
01 45	26.300	57.6	48.2	51	5															2					01-02
02 48	26.290	57.8	48.8	53	8															5					02-03
03 49	26.290	58.0	49.0	53	9	9	CS	E250												7	6	.010			03-04
04 50	26.300	56.4	48.3	57	9															7					04-05
05 49	26.310	58.2	49.0	53	9															8					05-06
06 47	26.325	59.4	49.2	49	10	0	Cu	70	10	CS	E200	10								9	2	.035			06-07
07 47	26.325	60.8	50.0	47	10															7					07-08
08 49	26.320	63.6	50.8	41	8															6					08-09
09 50	26.305	65.0	51.0	39	8	2	Cu	80	8	CS	E200	8								5	8	.020			09-10
10 49	26.290	66.0	49.8	31	7															5					10-11
11 49	26.270	71.3	52.0	26	7															5					11-12
12 51	26.260	72.0	52.0	24	8	7	Cu	E70	1	Ci	200	8								7	7	.045			12-13
13 49	26.250	72.4	51.6	22	9															8					13-14
14 50	26.230	72.0	51.4	22	8															7					14-15
15 49	26.210	71.4	51.4	23	8	6	Cu	E70	2	Ci	200	8								5	8	.050			15-16
16 47	26.200	73.0	52.2	22	9															5					16-17
17 50	26.190	70.6	51.0	24	8															6					17-18
18 49	26.190	70.0	50.2	22	9	8	Sc	E70	1	Ci	250	9								8	6	.020			18-19
19 50	26.190	68.2	51.0	29	9															8					19-20
20 53	26.210	66.4	51.4	35	9															8					20-21
21 49	26.220	65.0	49.9	34	9	9	Sc	E70												8	3	.030			21-22
22 48	26.220	63.0	48.5	34	9															9					22-23
23 50	26.220	61.4	48.1	37	10															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	62	56	X	X						X		
	0344	1	0	0	0	63	56		0								
	0943	2	0	0	0	65	55		0								
	1545	3	0	0	0	73	65		0								
	2145	4	0	0	0	74	65		0								
	MID.	X	0	0	0	65	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.290	26.305	26.210	26.220
BAROGRAPH 64	26.285	26.305	26.210	26.215
BAR. CORR. 65	+.005	±0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	55	0	0	0	21	W	1337					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: 0955 1 SEC SLOW / 1915 PST 1 SEC SLOW

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 MAY 16

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)	OB. SERVER'S INITIALS (15)
SA	0049	E70 13KN	20			993	59	35	29	12		960	303 1400	JC
SA	0143	70 SCT 250 - BKN	20			993	59	35	28	08		960		JC
SA	0249	70 SCT E250 OVC	20			994	57	35	27	07		960		JC
SA	0351	E70 BKN	20			002	55	34	32	08		962	305 1400 55 RADAT 62093	RD
SA	0447	E70 BKN	20			007	53	32	34	08		963		RD
SA	0551	E70 BKN	20			015	55	34	28	05		966		RD
SA	0648	E70 BKN	20			016	57	29	07	07		967	215 1500	RD
SA	0748	E70 BKN	20			026	58	27	04	07		969		RD
SA	0850	E70 BKN	20			034	59	25	02	15		971		RD
SA	0948	E70 BKN	20			046	59	22	01	09		974	224 1500 54 53	RD
SA	1050	E70 BKN	20			056	58	19	36	13		977		RD
SA	1148	E70 BKN	20			059	59	72	30	20		977		RD
SA	1248	E70 BKN	20			060	63	13	32	18	G26	978	210 1500	RD
SA	1349	70 SCT	20			062	62	14	30	16		979		RD
SA	1450	E70 BKN	20			064	65	17	36	08		979		RD
SA	1549	E70 BKN	20			067	66	17	31	10	G21	980	307 1500 67 RADAT 38086	JC
SA	1648	70 SCT	20			076	66	15	35	10	G18	982		JC
SA	1746	CLR	20			080	64	19	03	13		983	FEW SC NE	JC
SA	1848	CLR	20			091	62	24	03	11		987	320 1500	JC
SA	1949	CLR	20			103	61	26	03	10	G19	990		JC
SA	2048	CLR	20			115	59	27	02	13		993		JC
SA	2149	CLR	20			124	57	28	03	14	G23	996	127 67	JC
SA	2251	CLR	20			133	56	25	03	14	G20	998		JC
SA	2348	CLR	20			140	54	26	01	07		000		JC

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 MAY 16

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	26.230	59.1	46.4	40	7	7	Sc	E70												6	3	.010			00-01
01 43	26.230	59.2	47.0	40	8															2					01-02
02 49	26.230	56.8	45.9	43	10															6					02-03
03 51	26.245	55.4	44.8	43	8	8	Sc	E70												8	3	.015			03-04
04 47	26.260	53.0	43.0	44	8															8					04-05
05 51	26.280	55.3	44.9	44	8															8					05-06
06 48	26.290	56.7	44.0	35	8	8	Sc	E70												8	2	.045			06-07
07 48	26.310	58.2	44.1	30	8															8					07-08
08 50	26.330	58.8	43.8	27	9															9					08-09
09 48	26.360	58.6	43.0	24	9	9	Sc	E70												9	2	.070			09-10
10 50	26.380	58.0	42.0	22	9															9					10-11
11 48	26.385	59.0	42.8	22	9															9					11-12
12 48	26.390	63.4	43.4	14	8	8	Sc	E70												8	2	.030			12-13
13 49	26.385	62.3	43.0	15	5															5					13-14
14 50	26.400	65.0	44.8	15	6															6					14-15
15 49	26.410	66.0	45.3	15	6	6	Sc	E70												5	3	.020			15-16
16 48	26.430	65.7	44.9	14	3															2					16-17
17 46	26.440	64.3	45.0	17	0															0					17-18
18 48	26.470	62.3	45.2	23	0	0	Sc	70												0	3	.060			18-19
19 49	26.500	60.5	44.8	26	0															0					19-20
20 48	26.530	58.7	44.4	30	0															0					20-21
21 49	26.550	57.0	43.8	33	0															0	1	.080			21-22
22 51	26.570	55.8	42.4	30	0															0					22-23
23 48	26.590	54.4	41.8	32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	61	55	X	X						X		
	0344	1	0	0	0	65	55		0								
	0944	2	0	0	0	59	53		0								
	1545	3	0	0	0	67	58		0								
	2145	4	0	0	0	67	57		0								
	MID.	X	0	0	0	57	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.245	26.360	26.410	26.530
BAROGRAPH 64	26.235	26.355	26.410	26.540
BAR. CORR. 65	+.010	+.005	±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
67	53	0	0	0	30	NW	1404					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: 0714 LST 2 SEC SLOW / 2032 PST 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 MAY 17

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)	OB. SERVER'S INITIALS (15)
SA	0045	CLR	20			144	52	27	07	08		001	117	JC
SA	0144	CLR	20			149	49	28	06	06		002		JC
SA	0247	CLR	20			144	48	26	06	06		001		JC
SA	0349	CLR	20			147	49	27	33	07		002	303 1001 48	RK
/													RADAT 40088	/
SA	0446	250 -SCT	20			156	47	26	36	07		004		RK
SA	0545	250 -SCT	20			160	50	29	34	05		005		RK
SA	0645	250 -SCT	20			163	56	27	04	11		007	215 1001	RK
SA	0745	250 -BKN	20			165	59	26	04	12		008		RK
SA	0845	250 -OVC	20			165	61	25	34	05		008		RK
SA	0945	250 -OVC	20			162	64	19	36	06		007	000 1007 76	RK
SA	1046	250 -OVC	20			160	67	19	04	08		007		RK
SA	1145	250 -OVC	20			152	71	20	36	11		005		RK
SA	1245	250 -OVC	20			147	71	20	11	04		003	812 1007	RK
SA	1346	250 -OVC	20			140	75	18	25	08		001		RK
SA	1450	250 -OVC	20			133	75	18	11	04		999		RK
SA	1546	E250 OVC	20			128	75	20	23	12		997	712 1007 76 RADAT 39H118126	JK
SA	1650	E250 OVC	20			126	74	18	23	06		996		JK
SA	1745	E250 OVC	20			120	73	17	21	07		995		JK
SA	1848	250 -OVC	20			120	70	21	25	04		996	605 1007	JK
SA	1949	250 -OVC	20			125	66	14	34	05		997		JK
SA	2050	E250 OVC	20			129	65	13	25	04		998		JK
SA	2148	E250 OVC	20			133	65	15	02	05		999	112 1007 76	JK
SA	2247	250 -OVC	20			129	61	14	04	07		998		JK
SA	2346	250 -BKN	20			124	60	10	08	06		997		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 $6P_oP_oP_oP_o$ $7RRR_tr$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 MAY 17

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	26.600	51.9	40.9	37	0															0	1	.050			00-01
01 44	26.610	48.9	39.6	43	0															0					01-02
02 47	26.600	48.4	38.8	41	0															0					02-03
03 49	26.610	49.0	39.5	42	0	0	Ci	250												0	3	.010			03-04
04 46	26.630	46.8	37.9	43	3															0					04-05
05 45	26.640	50.1	40.6	43	3															0					05-06
06 45	26.655	55.9	42.8	32	5	5	Ci	250												0	2	.045			06-07
07 45	26.665	58.8	44.0	28	7															1					07-08
08 45	26.665	61.3	44.9	24	10															1					08-09
09 45	26.655	64.2	44.9	17	10	10	Cs	250												1	0	.000			09-10
10 46	26.655	67.0	46.2	16	10															1					10-11
11 45	26.640	70.7	48.0	14	10															3					11-12
12 45	26.620	71.1	48.2	14	10	10	Cs	250												3	8	.035			12-13
13 46	26.600	75.3	49.7	11	10															4					13-14
14 50	26.585	74.6	49.3	11	10															5					14-15
15 46	26.570	75.0	50.0	13	10	10	CS	E250												6	7	.050			15-16
16 50	26.560	73.8	49.1	12	10															6					16-17
17 45	26.550	72.9	48.4	12	10															6					17-18
18 48	26.555	70.0	48.0	15	10	10	CS	250												4	6	.015			18-19
19 49	26.565	65.9	44.7	13	10															4					19-20
20 50	26.580	65.0	44.2	13	10															6					20-21
21 48	26.590	65.0	44.5	14	10	10	CS	E250												7	1	.035			21-22
22 47	26.580	61.1	42.4	16	10															3					22-23
23 46	26.570	59.9	41.2	14	6															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	54	48	X	X						X		
	0345	1	0	0	0	57	48		0								
	0942	2	0	0	0	64	46		0								
	1543	3	0	0	0	76	64		0								
	2144	4	0	0	0	75	65		0								
	MID.	X	0	0	0	65	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.655	26.570	26.580
BAROGRAPH 64	26.605	26.655	26.570	26.580
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
76	46	0	0	0	14	SW	1547					8	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: 0755 - 2 sec. slow 2000 2 sec slow

* BAROGRAM CHANGED - RESET TO ZERO

☆ 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

DATE 1981 MAY 18

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)	OB. SERVER'S INITIALS (15)
SA	0048	250 - BKN	20			116	59	12	30	03		995	714 1008	JK
SA	0150	250 - OVC	20			118	56	14	07	05		996		JK
SA	0245	250 - OVC	20			117	54	11	12	05		995		JK
SA	0346	250 - OVC	20			110	53	14	05	04		993	807 1007 53	RK
/													RADAT 43122	/
SA	0445	250 - OVC	20			108	50	11	03	04		992		RK
SA	0545	250 - OVC	20			105	56	19	04	04		992		RK
SA	0645	250 - OVC	20			108	62	19	00	00		993	500 1007	RK
SA	0747	250 - OVC	20			106	68	23	00	00		993		RK
SA	0848	250 - OVC	20			096	73	21	08	08		991		RK
SA	0947	250 - OVC	20			095	76	29	19	21		991	607 1007 50	RK
SA	1052	E250 OVC	20			089	78	26	20	18G27		989		RK
SA	1148	E250 OVC	20			084	79	28	20	19G26		987		RK
SA	1245	E250 OVC	20			075	80	26	20	20G29		985	819 1047	RK
SA	1345	130 SCT E250 OVC	20			071	79	27	21	17G27		983		RK
SA	1450	130 SCT E250 OVC	20			066	81	32	19	18G32		982		RK
SA	1550	120 SCT 250 - OVC	20			058	80	29	18	20G29		979	719 104781 RADAT 54112	JK
SA	1649	120 SCT E250 BKN	20			057	77	27	23	17G30		978	FEW cu	JK
SA	1747	120 SCT E250 OVC	20			050	76	27	22	21		976		JK
SA	1848	120 SCT E250 OVC	20			044	74	31	23	26		975	610 1547	JK
SA	1945	120 SCT 250 - OVC	20			045	72	33	23	23		976		JK
SA	2046	120 SCT E250 OVC	20			048	71	34	21	21		978		JK
SA	2146	120 SCT E250 OVC	20			052	69	37	21	16		979	310 1547 81	JK
SA	2248	120 SCT E250 OVC	20			048	67	37	18	16		978		JK
SA	2345	E120 BKN 250 OVC	20			044	66	39	19	08		976		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 $6P_oP_oP_oP_o$ $7RRR_{tr}s$ $8N_sCh$ 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

STATION

DATE 1981 MAY 18

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	26.550	59.2	41.1	15	6	6	CS	250												2	7	.040			00-01
01 50	26.555	56.2	40.0	19	10															3					01-02
02 45	26.550	53.9	38.2	18	10															3					02-03
03 46	26.530	52.8	38.3	21	10	10	Cs	250												3	8	020			03-04
04 45	26.520	50.0	36.1	20	10															2					04-05
05 45	26.520	55.7	40.9	24	10															2					05-06
06 45	26.530	62.2	43.9	18	10	10	Cs	250												2	5	000			06-07
07 47	26.530	68.3	47.7	18	10															2					07-08
08 48	26.510	73.0	49.2	14	10															3					08-09
09 47	26.510	75.9	52.5	18	10	10	Cs	250												5	6	020			09-10
10 52	26.490	77.8	52.4	15	10															7					10-11
11 48	26.475	78.8	53.2	15	10															8					11-12
12 45	26.455	80.3	53.5	14	10	0	Ac	120	10	Cs	E250	10								8	8	055			12-13
13 45	26.440	78.8	53.0	15	10															8					13-14
14 50	26.425	80.7	55.1	17	10															8					14-15
15 50	26.400	80.0	54.0	15	10	2	Ac	120	10	CS	250	10								5	7	.055			15-16
16 49	26.390	76.6	52.2	16	9															5					16-17
17 47	26.375	76.0	52.0	17	10															8					17-18
18 48	26.370	73.7	52.1	21	10	0	Sc	90	4	AC	120	4	10	CS	E250	10				9	6	.030			18-19
19 45	26.375	72.3	52.0	23	10															4					19-20
20 46	26.390	71.0	52.0	26	10															10					20-21
21 46	26.400	68.9	51.9	31	10	0	Sc	90	3	AC	120	3	10	CS	E250	10				6	3	.030			21-22
22 48	26.390	67.1	51.4	33	10															8					22-23
23 45	26.380	66.1	51.4	36	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	X	0	0	X	60	53	X	X						X		
	0344	1	0	0	0	65	53		0								
	0944	2	0	0	0	77	50		0								
	1546	3	0	0	0	81	76		0								
	2143	4	0	0	0	80	69		0								
	MID.	X	0	0	0	69	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1547	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.510	26.400	26.400
BAROGRAPH 64	26.530	26.510	26.400	26.400
BAR. CORR. 65	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
81	50	0	0	0	34	SW	1750					10	10		

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: 0800 2 Sec Slow 1710 2 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 MAY 19

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 (10s-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0047	120 SCT E250 OVC	20			048	65	40	21	10		978	503 1047	JK
SA	0148	120 SCT E250 OVC	20			048	64	41	19	15		978		JK
SA	0247	120 SCT E250 OVC	20			045	63	42	20	13		976		JK
SA	0348	120 SCT E250 OVC	20			040	62	43	16	12		975	808 1047 62	RK
/													RADAT 20109	/
SA	0452	120 SCT E250 OVC	20			040	62	39	18	03		975	CLDS TPC MTNS SE	RK
SA	0545	140 SCT E250 OVC	20			045	62	36	18	15		976	CLDS TPC MTNS SE	RK
SA	0645	140 SCT E250 OVC	20			043	62	36	22	12		975	000 1547	RK
SA	0745	140 SCT E250 OVC	20			047	62	37	20	15G22		976		RK
SA	0845	140 SCT E250 OVC	20			050	63	36	20	18G24		977		RK
SA	0948	140 SCT E250 OVC	20			048	63	36	20	15G22		976	003 1547 61	RK
SA	1045	70 SCT E140 BKN 250 OVC	20			054	63	36	21	15G23		977		RK
SA	1145	E70 BKN 140 BKN 250 OVC	20			050	62	38	21	17		976	VIRGA W-N	RK
SA	1247	E70 BKN 140 BKN 250 OVC	20			043	67	35	20	15G22		974	RWY E 805 1247	RK
SA	1348	E70 BKN 140 BKN 250 OVC	20		038	059	64	34	21	16G30		972	RWY VIRGA ALQDS	RK
SA	1450	70 SCT E140 BKN 250 OVC	20			032	67	31	20	19G30		971	RWY E PK WND 2338/2154	RK
SA	1550	80 SCT 140 SCT E250 OVC	20			022	67	34	18	20G34		968	820 1247 68 RADAT 71090	JK
SA	1648	80 SCT 140 SCT E250 OVC	20			022	66	34	19	20G34		968	RWY SSW	JK
SA	1750	E80 BKN 140 BKN 250 OVC	20		RW-	044	54	43	18	12G30		972	VSBY LWR S RE B20 PK WND	JK
/													2237/34	/
SA	1847	E80 BKN 140 BKN 250 OVC	20		RW-	038	56	43	18	20G28		971	11002 1447	JK
SA	1945	80 SCT E140 BKN 250 OVC	20			035	55	42	16	10		970	RE02	JK
SA	2048	80 SCT E140 BKN 250 OVC	20			034	57	38	20	06		970		JK
SA	2147	80 SCT 140 SCT 250 SCT	20			035	55	39	21	08		970	60302 1448 684	JK
SA	2246	80 SCT	20			038	54	36	19	08		971		JK
SA	2345	80 SCT 250 SCT	20			040	52	32	21	05		971		JK

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NM

DATE 1981 MAY 19

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 47	26.390	65.2	51.5	39	10	4	Ac	120	10	Cs	E250	10								10	5	.010			00-01
01 48	26.390	63.8	51.3	43	10															10					01-02
02 47	26.380	62.5	51.1	46	10															10					02-03
03 48	26.365	62.0	51.3	49	10	4	Ac	120	10	Cs	E250	10								10	8	025			03-04
04 52	26.365	61.7	49.8	43	10															10					04-05
05 45	26.375	61.9	48.7	38	10															10					05-06
06 45	26.365	61.7	48.5	38	10	0	Sc	40	3	Ac	140	3	10	Cs	E250	10				10	0	000			06-07
07 45	26.375	61.8	48.9	39	10															10					07-08
08 45	26.385	62.9	49.2	37	10															10					08-09
09 48	26.375	63.0	49.1	36	10	0	Sc	40	5	Ac	140	5	5	Cs	E250	10				10	0	010			09-10
10 45	26.385	63.2	49.2	36	10															10					10-11
11 45	26.375	62.3	49.7	41	10															10					11-12
12 47	26.360	66.8	50.4	31	10	6	Cu	E70	2	Ac	140	8	2	Cs	250	10				9	8	015			12-13
13 48	26.340	64.0	48.8	32	10															10					13-14
14 50	26.330	67.2	49.2	25	10															8					14-15
15 50	26.300	67.0	50.0	29	10	2	Cu	80	2	Ac	140	4	6	Cs	E250	10				8	8	.060			15-16
16 48	26.300	66.1	49.7	30	10															10					16-17
17 50	26.340	53.5	45.0	68	10															10					17-18
18 47	26.330	56.0	49.1	62	10	6	Sc	E80	2	Ac	140	8	2	Cs	250	10				10	1	.030			18-19
19 45	26.320	55.1	48.1	61	10															9					19-20
20 48	26.320	56.9	47.2	49	10															8					20-21
21 47	26.320	55.1	46.7	54	5	3	Sc	80	1	Ac	140	4	1	Cs	250	5				5	6	.010			21-22
22 46	26.330	54.0	45.0	50	2															2					22-23
23 45	26.330	52.2	42.8	46	2															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	66	62	X	X						X		
	0345	1	0	0	0	69	62		0								
	0945	2	0	0	0	64	61		0								
	1545	3	0	0	0	68	62		0								
	2144	4	.02	0	0	67	53		0								
	MID.	X	0	0	0	55	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.365	26.375	26.300	26.320
BAROGRAPH 64	26.370	26.380	26.300	26.315
BAR. CORR. 65	-005	-005	+.0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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
68	52	.02	0	0	38	SW	1354					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RA-	1720	1902			

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: 1134 2 Sec Slow 1700 2 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

STATION WSMO, DESERT ROCK, NV

DATE 1981 MAY 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 (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)	OB. SERVER'S INITIALS (15)
SA	0050	80 SCT E140 BKN	20			035	51	35	21	08		970	000 1540	JK
SA	0149	80 SCT E140 BKN 250 OVC	20			033	50	36	23	08		969		JK
SA	0250	80 SCT 140 SCT E250 OVC	20			027	50	36	25	07		968	20002	JK
SA	0352	80 SCT 140 SCT 250-SCT	20			030	49	36	25	10		969	505 1248 49 RADAT 57081	EP
SA	0447	70 SCT 140 SCT 250-BKN	20			042	48	35	25	12		971	CB SE	EP
SA	0551	70 SCT 250-SCT	20			059	49	35	22	10		974	TCU E	EP
SA	0648	70 SCT	20			056	51	34	22	13		974	119 1400	EP
SA	0747	70 SCT 140 SCT	20			062	52	34	23	13		976		EP
SA	0849	60 SCT 140 SCT	20			064	57	35	23	14		978		EP
SA	0948	50 SCT 120 SCT	20			068	58	34	25	14		979	114 1230 48	EP
SA	1051	50 SCT 70 SCT	20			072	60	34	23	12		980		EP
SA	1146	50 SCT E70 BKN 140 BKN	20			072	61	33	25	10		980	CB W-N MOVG E	EP
SA	1250	E60 BKN 140 BKN	20			069	64	31	28	11		980	CB NW-N MOVG E/002	EP
/													1930	/
SA	1351	E60 BKN 140 BKN	20			068	65	32	23	13		980	CB N-NE MOVG E	EP
SA	1450	60 SCT 140 SCT E250 BKN	20			067	65	33	27	12		979	CB NE MOVG E	EP
SA	1548	E60 BKN	20			068	65	33	27	15		979	CB MOVD E 602 1200 66	/
/		~~E60 BKN~~											RADAT 88087	HS
SA	1649	E60 BKN	20			070	65	34	24	12		980	VIRGA NE S	HS
SP	1751	E60 BKN	20			072	66	30	30	11		980	WSHFT 46	HS
SA	1850	E60 BKN	20			079	64	31	31	11		982	310 1200	HS
SA	1948	E60 BKN	20			086	63	34	32	10		984		HS
SA	2048	E60 BKN	20			095	62	32	36	08		988		HS
SA	2148	E60 BKN	20		RW-	104	59	39	33	16		990	RB35 22400 1500 67	HS
SA	2248	E60 BKN	20			102	58	40	04	02		990	RE05	HS
SA	2349	E60 OVC	20			106	59	40	32	06		991		HS

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 MAY 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	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	26.320	51.2	43.3	53	7	1	Sc	80	6	Ac	E140	7								5	0	.000			00-01
01 49	26.310	50.1	43.3	58	10															7					01-02
02 50	26.300	50.3	43.2	57	10															10					02-03
03 52	26.305	49.0	42.5	59	5	1	Cu	80	1	Ac	140	2	3	Cs	250	5				2	5	.015			03-04
04 47	26.330	47.8	41.6	60	7															3					04-05
05 51	26.360	48.5	42.1	60	2															1					05-06
06 48	26.360	51.3	43.2	52	1	1	Sc	70												1	1	.055			06-07
07 47	26.375	52.0	43.3	50	2															2					07-08
08 49	26.390	57.1	46.0	43	2															2					08-09
09 48	26.400	57.8	46.0	40	5	5	Cu	50	0	Ac	120	5								5	1	.040			09-10
10 51	26.410	60.4	47.1	36	5															5					10-11
11 46	26.410	60.5	46.9	35	6															6					11-12
12 50	26.405	64.2	48.1	29	7	0	Cb	50	6	Cu	E60	6	1	Ac	140	7				7	0	.005			12-13
13 51	26.405	64.5	48.3	29	7															7					13-14
14 50	26.400	65.0	49.1	31	6															6					14-15
15 48	26.400	64.7	48.8	30	6	6	Cu	E60												6	6	.005			15-16
16 49	26.405	64.9	49.1	31	8															8					16-17
17 51	26.410	65.8	48.4	26	7															7					17-18
18 50	26.430	64.0	47.8	28	7	7	Cu	E60												7	3	.030			18-19
19 48	26.450	62.8	48.3	34	8															8					19-20
20 48	26.480	62.4	47.6	32	8															8					20-21
21 48	26.500	59.0	48.7	48	9	9	Sc	E60												9	2	.070			21-22
22 48	26.500	58.4	48.7	50	9															9					22-23
23 49	26.510	58.7	49.0	51	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		0	0		52	49										
	0346	1	0	0	0	55	49		0								
	0945	2	0	0	0	58	48		0								
	1543	3	0	0	0	66	58		0								
	2142	4	T	0	0	67	59		0								
	MID.		T	0	0	59	58										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.305	26.400	26.400	26.500
BAROGRAPH 64	26.305	26.405	26.410	26.505
BAR. CORR. 65	0	-.005	-.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
67	48	T	0	0	22	N	2145					5	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2135	2205			

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 CLOCK OK 2155 P - 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 MAY 21

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)	OBSERVERS INITIALS (15)
SA	0048	E50 BKN 110 OVC	20			110	58	40	30	06		992	30700 157/	HS
SA	0149	110 SCT	20			106	55	38	30	06		991	SC SE	HS
SA	0248	110 SCT	20			115	52	39	31	05		993		HS
SA	0350	100 SCT	20			118	55	35	25	06		994	30700 1030 51 RADAT 77092	EP
SA	0449	100 SCT 250-BKN	20			125	53	35	00	00		996		EP
SA	0550	E100 BKN 250 BKN	20			131	58	36	00	00		999		EP
SA	0650	100 SCT 250 SCT	20			138	58	32	26	04		000	119 1038	EP
SA	0749	100 SCT 250-BKN	20			142	61	31	21	06		002		EP
SA	0848	100 SCT 250-BKN	20			141	64	34	22	10		002		EP
SA	0950	250-BKN	20			137	67	32	23	08		001	002 1038 51	EP
SA	1046	100 SCT 250-BKN	20			134	69	33	23	10		000		EP
SA	1147	100 SCT 250-BKN	20			129	71	32	21	12		999		EP
SA	1250	100 SCT 250-BKN	20			123	73	31	25	12		998	810 1038	EP
SA	1351	100 SCT 250-SCT	20			118	74	31	23	06		996		EP
SA	1450	CLR	20			113	75	31	23	11		994		EP
SA	1548	250-SCT	20			108	75	31	25	13		993	714 1101 76 RADAT 62102	HS
SA	1650	250-SCT	20			105	74	29	26	09		992		HS
SA	1747	250-SCT	20			101	74	27	23	04		991		HS
SA	1849	250 ~~SCT~~ BKN	20			106	70	29	24	06		992	503 1101	HS
SA	1950	250-BKN	20			109	68	27	29	04		993		HS
SA	2049	250-SCT	20			113	66	28	34	04		994		HS
SA	2147	CLR	20			113	63	25	02	06		994	107 1001 76	HS
SA	2248	CLR	20			113	60	26	02	08		994		HS
SA	2348	CLR	20			112	60	24	03	07		994		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} $6P_oP_oP_oP_o$ $7RRR_{tz}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 MAY 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	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	26.520	57.6	48.5	53	10	7	SC	250	3	Ac	110	10								10	3	.020			00-01
01 49	26.510	55.1	46.3	52	1															1					01-02
02 48	26.530	52.4	45.6	60	2															2					02-03
03 50	26.540	55.3	45.4	47	5	5	Ac	100												5	3	.020			03-04
04 49	26.555	53.0	44.2	50	6															3					04-05
05 50	26.580	57.7	46.6	43	7															6					05-06
06 50	26.595	57.9	45.5	37	3	2	Ac	100	1	CS	250	3								2	1	.055			06-07
07 47	26.610	61.2	46.6	32	6															1					07-08
08 48	26.610	63.5	48.8	34	7															1					08-09
09 50	26.600	67.1	49.5	27	9	0	Ac	100	9	CS	250	9								1	0	.005			09-10
10 46	26.595	68.5	50.5	27	9															1					10-11
11 47	26.585	70.8	51.1	24	9															1					11-12
12 50	26.570	73.2	51.9	21	8	1	Ac	100	7	CS	250	8								1	8	.030			12-13
13 51	26.550	73.5	51.8	20	2															1					13-14
14 50	26.540	74.8	52.5	20	0															0					14-15
15 48	26.530	75.3	52.7	20	1	0	Cu	90	1	Ci	250	1								0	7	.040			15-16
16 50	26.520	74.1	51.7	19	2															0					16-17
17 47	26.510	73.6	51.0	18	4															0					17-18
18 49	26.520	70.4	50.0	21	6	0	Cu	90	6	Ci	250	6								1	5	.010			18-19
19 50	26.530	68.4	48.8	21	6															1					19-20
20 49	26.540	66.0	48.0	24	3															0					20-21
21 47	26.540	62.6	45.7	24	0	0	Ci	250												0	1	.020			21-22
22 48	26.540	60.2	44.8	27	0															0					22-23
23 48	26.540	59.9	44.1	25	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	59	51	X	X						X		
	0346	1	T	0	0	59	51		0								
	0945	2	0	0	0	68	51		0								
	1543	3	0	0	0	76	67		0								
	2142	4	0	0	0	75	62		0								
	MID.	X	0	0	0	63	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.600	26.530	26.540
BAROGRAPH 64	26.545	26.605	26.540	26.546
BAR. CORR. 65	-.005	-.005	*-.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
76	51	0	0	0	19	5	1238					5	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: 0958 P-OK 2150 P-OK

* BAROGRAPH CHANGED RE-SET TO "0"

MF1-10B

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

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 MAY 22

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 (100-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTED CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			112	61	24	19	02		995	302	HS
SA	0148	CLR	20			116	57	25	12	02		996		HS
SA	0248	CLR	20			113	55	25	07	05		994		HS
SA	0353	250-SCT	20			113	53	26	12	04		994	802 1031 52 RADAT 5910T	EP
SA	0446	250-SCT	20			115	51	26	11	04		994		EP
SA	0546	250-SCT	20			118	56	26	00	00		996		EP
SA	0650	250-BKN	20			117	66	30	04	06		997	307 1031	EP
SA	0751	250-BKN	20			123	67	32	03	15		998		EP
SA	0846	250-OVC	20			120	71	33	02	09		998	ACSL NE	EP
SA	0947	E250 OVC	20			118	73	30	03	10		997	~~000 10~~ ACSL N-E/000	EP
													1047 51	
SA	1045	E140 BKN250 OVC	20			113	76	33	03	07		996		EP
SA	1146	E120 BKN 250 OVC	20			110	75	33	00	00		994		EP
SA	1252	E120 BKN 250 OVC	20			102	77	33	03	05		993	812 1037	EP
SA	1347	E120 BKN 250 BKN	20			098	78	32	25	05		991		EP
SA	1450	100 SCT E250 BKN	20			090	78	32	12	06		988		EP
SA	1550	100 SCT E250 BKN	20			084	81	32	24	08		987	719 1101 81 RADAT 5911Z	HS
SA	1650	100 SCT E250 BKN	20			083	77	30	25	05		986		HS
SA	1750	100 SCT E250 BKN	20			085	77	29	23	06		987		HS
SA	1848	100 SCT 250 SCT	20			085	74	31	25	04		988	303 1101	HS
SA	1946	100 SCT	20			088	68	27	06	02		989		HS
SA	2050	100 SCT	20			094	67	27	07	05		990		HS
SA	2149	CLR	20			097	64	29	06	03		991	310 1400 81	HS
SA	2249	100 SCT	20			094	68	28	04	06		991		HS
SA	2348	100 SCT	20			096	64	29	02	03		991		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 MAY 22

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 49	26.545	61.2	49.6	24	0															0	3	.005			00-01
01 48	26.550	56.6	42.7	29	0															0					01-02
02 48	26.540	55.2	41.9	30	0															0					02-03
03 53	26.540	53.0	41.2	35	1	0	Ac	120	1	Ci	250	1								0	8	.005			03-04
04 46	26.540	51.1	40.2	37	3															0					04-05
05 46	26.555	56.1	42.8	31	1															0					05-06
06 50	26.560	65.7	48.5	26	6	0	Ac	120	6	Ci	250	6								0	3	.020			06-07
07 51	26.575	66.8	49.5	27	9															1					07-08
08 46	26.570	70.5	51.2	25	10															3					08-09
09 47	26.560	72.8	51.5	21	10	0	Acsl	140	10	Cs	E250	10								7	0	.000			09-10
10 45	26.550	76.3	53.5	20	10															8					10-11
11 46	26.540	75.0	53.2	21	10															9					11-12
12 52	26.525	76.6	53.8	20	10	9	Ac	E120	3	Cs	250	10								8	8	.035			12-13
13 47	26.510	78.0	54.1	19	9															7					13-14
14 50	26.485	77.8	53.9	19	8															6					14-15
15 50	26.470	80.5	55.0	17	7	5	Cu	100	2	Ci	E250	7								5	7	.055			15-16
16 50	26.460	76.8	53.0	18	7															6					16-17
17 50	26.470	76.9	52.9	17	7															6					17-18
18 48	26.480	74.4	52.0	20	5	4	Cu	100	1	Ci	250	5								5	3	.010			18-19
19 46	26.480	69.1	48.6	21	4															4					19-20
20 50	26.500	66.7	48.0	22	2															2					20-21
21 49	26.510	64.3	47.5	27	0	0	Sc	90												0	3	.030			21-22
22 49	26.510	67.6	48.7	23	2															2					22-23
23 48	26.510	64.3	47.5	27	2															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	61	52	X	X						X		
	0347	1	0	0	0	63	52		0								
	0944	2	0	0	0	75	51		0								
	1545	3	0	0	0	81	73		0								
	2144	4	0	0	0	81	64		0								
	MID.	X	0	0	0	68	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1549	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.560	26.470	26.510
BAROGRAPH 64	26.535	26.560	26.475	26.500
BAR. CORR. 65	+.005	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
81	51	0	0	0	17	NE	0747					8	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: CLOCK ON TIME 1500P 2151P-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 MAY 23

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)	OB. OBSERVER'S INITIALS (15)
SA	0050	100 SCT	20			090	66	30	05	12		990	803 1400	HS
SA	0149	100 SCT	20			097	66	30	09	06		992		HS
SA	0248	100 SCT	20			095	64	30	03	08		991		HS
SA	0350	100 SCT	20			100	59	28	00	00		992	107 1A0059 RADAT 52112	EP
SA	0448	80 SCT 120 SCT 250 SCT	20			102	64	31	04	10		993		EP
SA	0546	90 SCT 110 SCT 250 SCT	20			109	65	30	04	10		995		EP
SA	0649	90 SCT 110 SCT E250 BKN	20			102	69	30	04	13		993	003 1531	EP
SA	0747	110 SCT 250-OVC	20			118	72	32	05	11		~~995~~ 997		EP
SA	0845	110 SCT E250 BKN	20			113	76	33	08	06		996		EP
SA	0949	120 SCT 250- BKN	20			109	78	32	01	08		995	005 1031 57	EP
SA	1049	120 SCT E250 BKN	20			103	81	31	23	03		994		EP
SA	1148	E100 BKN 250 BKN	20			098	81	32	25	06		993		EP
SA	1247	E100 BKN 250 BKN	20			089	83	32	23	08		991	814 1101	EP
SA	1348	E100 BKN 250 BKN	20			088	82	32	17	07		990		EP
SA	1450	E100 BKN	20			086	82	31	19	07		989		EP
SA	1550	E100 BKN	20			079	84	33	32	10		987	812 1100 85 RADAT 66119	HS
SA	1651	E100 BKN	20			074	82	33	24	08		986		HS
SA	1749	E100 BKN 300 BKN	20			074	81	32	23	09		986		HS
SA	1848	E100 BKN 300 BKN	20			076	80	33	25	06		987	500 1101	HS
SA	1948	E100 BKN 300 BKN	20			080	77	32	23	06		988		HS
SA	2049	100 SCT E300 BKN	20			083	74	31	35	03		989		HS
SA	2150	100 SCT E300 BKN	20			083	73	31	06	03		989	107 1101 85	HS
SA	2250	100 SCT E300 BKN	20			081	71	31	08	04		989		HS
SA	2348	100 SCT E300 BKN	20			079	71	31	10	04		988		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 $6P_oP_oP_oP_o$ $7RRR_{tz}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 MAY 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	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	26.500	66.3	48.6	25	2	2	Sc	100												2	8	.010			00-01
01 49	26.520	65.8	48.3	26	3															3					01-02
02 48	26.510	64.4	47.7	27	2															2					02-03
03 50	26.520	59.3	44.9	30	3	3	Sc	100												3	1	.020			03-04
04 48	26.525	64.0	47.8	28	4															3					04-05
05 48	26.545	65.1	48.2	27	4															3					05-06
06 49	26.530	69.2	50.4	23	7	2	Sc	90	3	Ac	110	5	2	Ci	250	7				5	0	.010			06-07
07 47	26.565	71.8	51.6	23	10															4					07-08
08 45	26.555	75.7	53.4	21	9															6					08-09
09 49	26.545	77.8	54.1	19	9	2	Ac	120	7	Ci	250	9								4	0	.015			09-10
10 49	26.540	81.2	54.9	16	7															4					10-11
11 48	26.525	81.0	55.2	17	8															7					11-12
12 47	26.505	83.1	56.1	16	9	8	Cu	400	1	Ci	250	9								8	8	.040			12-13
13 48	26.500	81.5	55.5	17	9															8					13-14
14 50	26.490	81.6	55.2	16	8															8					14-15
15 50	26.470	83.9	56.7	16	8	8	Cu	E100												8	8	.035			15-16
16 51	26.460	82.0	56.0	17	9															9					16-17
17 49	26.460	80.6	55.2	17	9															9					17-18
18 48	26.470	79.6	55.0	18	9	8	Cu	E100	1	Ci	300	9								9	5	.000			18-19
19 48	26.480	77.4	53.9	19	9															9					19-20
20 49	26.490	74.0	52.2	21	7															6					20-21
21 50	26.490	72.5	51.6	22	7	5	Cu	100	2	Ci	E300	7								6	1	.020			21-22
22 50	26.490	71.4	51.1	22	8															5					22-23
23 48	26.480	71.2	51.1	23	7															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	67	59	X	X						X		
	0345	1	0	0	0	68	59		0								
	0944	2	0	0	0	80	57		0								
	1545	3	0	0	0	85	78		0								
	2145	4	0	0	0	85	72		0								
	MID.	X	0	0	0	73	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.545	26.470	26.490
BAROGRAPH 64	26.510	26.540	26.470	26.490
BAR. CORR. 65	+.010	+.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
85	57	0	0	0	19	NW	1317					8	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: 0950P - OK 2155P - 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 MAY 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	100 SCT 300 - SCT	20			084	66	30	05	06		989	500 1401	HS
SA	0149	100 SCT 300 - SCT	20			089	64	30	10	02		990		HS
SA	0245	100 SCT 300 - SCT	20			089	64	29	13	02		990		HS
SA	0349	250 - SCT	20			094	60	30	03	02		991	207 1051 60 RADAT 66120	JD
SA	0448	250 - SCT	20			098	60	30	04	02		992		JD
SA	0546	250 - BKN	20			102	64	31	10	02		993		JD
SA	0646	250 - BKN	20			099	71	34	19	02		994	108 1038	JD
SA	0750	250 - SCT	20			098	76	32	26	03		994		JD
SA	0848	250 - BKN	20			097	81	33	23	06		994		JD
SA	0949	160 SCT 250 - OVC	20			095	84	34	22	10		993	802 1158 59	JD
SA	1048	160 SCT 250 - OVC	20			094	87	34	19	10	G21	993		JD
SA	1148	160 SCT 250 - OVC	20			086	89	34	20	14		991		JD
SA	1246	120 SCT 160 SCT 250 - OVC	20			077	87	34	23	14	G24	987	717 1078	JD
SA	1347	120 SCT 160 SCT 250 - OVC	20			075	87	34	23	14		986		JD
SA	1450	160 SCT 250 - OVC	20			065	89	35	22	10	G21	984		JD
SA	1550	150 SCT 250 - OVC	20			067	87	34	26	11	G17	983	ACSL SW 612 1041 90	MR
													RADAT 57128	
SA	1648	140 SCT 250 - BKN	20			066	87	35	21	14	G18	983	ACSL SW	MR
SA	1747	140 SCT E250 OVC	20			066	86	34	19	10	G16	983		MR
SA	1849	140 SCT 250 - OVC	20			064	83	32	20	07		983	500 1071	MR
SA	1945	140 SCT 250 - OVC	20			064	81	36	24	05		984		MR
SA	2047	140 SCT E250 OVC	20			070	81	34	20	04		986		MR
SA	2146	140 SCT E250 OVC	20			068	79	36	24	04		986	007 1071 90	MR
SA	2248	E130 BKN 250 OVC	20			068	78	38	23	08		986		MR
SA	2347	E130 BKN 250 OVC	20			064	78	40	20	13	G17	985		MR

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 MAY 24

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	26.490	66.0	48.4	26	3	1	Sc	100	2	Ci	300	3								1	5	.000			00-01
01 49	26.500	63.9	47.6	28	2															1					01-02
02 45	26.500	64.1	47.4	27	2															1					02-03
03 49	26.510	60.2	45.9	32	3	0	Ac	150	3	Ci	250	3								0	2	.020			03-04
04 48	26.520	60.1	45.9	32	4															0					04-05
05 46	26.530	63.7	47.8	29	8															0					05-06
06 46	26.535	71.2	51.8	25	6	0	Ac	150	6	Cs	250	6								0	1	.025			06-07
07 50	26.535	75.7	53.2	20	3															0					07-08
08 48	26.535	80.6	55.4	18	7															0					08-09
09 48	26.530	83.6	56.9	17	10	0	Cu	100	3	Ac	160	3	7	Cs	250	10				2	8	.005			09-10
10 48	26.530	86.8	58.0	15	10															2					10-11
11 48	26.510	88.8	58.8	15	10															2					11-12
12 46	26.480	86.9	58.0	15	10	1	Ac	120	1	Ac	160	2	8	Cs	250	10				2	7	.050			12-13
13 47	26.470	86.5	57.7	15	10															3					13-14
14 50	26.450	88.9	58.9	15	10															2					14-15
15 50	26.445	87.2	58.2	15	10	1	Ac	150	10	Ci	250	10								5	6	.035			15-16
16 48	26.440	86.2	58.2	16	9															4					16-17
17 47	26.445	86.0	57.8	16	10															5					17-18
18 49	26.445	82.9	56.0	16	10	3	Ac	140	7	Ci	250	10								4	5	.000			18-19
19 45	26.450	80.9	56.5	20	10															5					19-20
20 47	26.470	80.6	55.6	18	10															6					20-21
21 46	26.465	78.7	55.5	21	10	2	Ac	140	8	Ci	EZ50	10								6	0	.020			21-22
22 48	26.470	78.3	56.1	24	10															8					22-23
23 47	26.460	78.1	56.6	25	10															7					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	71	60	X	X						X		
	0343	1	0	0	0	73	60		0								
	0945	2	0	0	0	84	59		0								
	1545	3	0	0	0	90	84		0								
	2143	4	0	0	0	88	78		0								
	MID.	X	0	0	0	79	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.530	26.445	26.465
BAROGRAPH 64	26.500	26.525	26.445	26.455
BAR. CORR. 65	+.010	+.005	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
90	59	0	0	0	24	SW	1304 //					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: 0510 P 1 SEC SLOW / 1740P 2 SEC SLOW

// LAST OF SEVERAL OCCURRENCES

☆ 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 MAY 25

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 (15)
SA	0049	130 SCT E250 OVC	20			065	76	38	22	08		985	802 1071	MR
SA	0147	140 SCT E250 OVC	20			071	74	37	36	05		986		MR
SA	0250	140 SCT E250 OVC	20			065	74	39	28	10		985		MR
SA	0347	130 SCT 250 -OVC	20			067	72	38	04	02		985	500 1038 72 RADAT 66124	JD
SA	0447	130 SCT 250 -OVC	20			070	71	38	02	04		986		JD
SA	0546	E250 OVC	20			073	74	39	07	02		987		JD
SA	0649	E250 OVC	20			075	77	40	23	09	G17	987	207 1037	JD
SA	0747	180 SCT E250 OVC	20			079	79	40	20	12	G20	988		JD
SA	0849	180 SCT 250 -OVC	20			080	79	39	18	14		989		JD
SA	0947	120 SCT 180 SCT 250 -OVC	20			079	82	40	19	16	G24	989	105 1077 69	JD
SA	1047	120 SCT E170 BKN 250 OVC	20			072	86	40	19	17		987	VIRGA W	JD
SA	1149	120 SCT E170 BKN 250 OVC	20			070	83	40	19	16		986	VIRGA E	JD
SA	1245	120 SCT 170 SCT E250 OVC	20			066	84	40	20	21	G30	985	812 1078	JD
SA	1347	120 SCT 170 SCT E230 OVC	20			066	84	43	22	21	G33	985		JD
SA	1450	170 SCT E210 OVC	20			064	84	44	20	14	G23	984		JD
SA	1550	130 SCT E190 OVC	20			063	83	43	20	15	G23	983	705 117/ 87 RADAT 71129	MR
SA	1646	80 SCT 130 SCT E170 OVC	20			064	82	39	21	18	G24	983	VIRGA NW	MR
SA	1748	110 SCT E160 OVC	20			069	78	42	21	16	G24	985	RWU OHTN SE	MR
SA	1846	E120 BKN 180 OVC	20		RW-	076	74	44	20	10	G19	987	RB43 31000 107/	MR
SA	1947	E120 BKN 180 OVC	20			072	74	44	19	14		986	OCNL RW- BINOVC NW	MR
SA	2046	E120 BKN 180 OVC	20			076	73	45	19	13	G18	987	RE05	MR
SA	2147	120 SCT 180 SCT E250 OVC	20			077	72	44	19	10		987	30200 1072 87	MR
SA	2248	120 SCT 180 SCT E250 OVC	20			075	72	43	19	13	G21	987		MR
SA	2347	120 SCT 250 -OVC	20			078	70	44	20	11	G20	988		MR

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 $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp_s$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO: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 MAY 25

To convert LST to GMT ADD 0 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.
0049	26.460	76.2	55.1	25	10	4	Ac	130	6	Ci	E250	10								6	8	.005			00-01
0147	26.470	73.6	53.7	26	10															6					01-02
0250	26.460	74.2	54.8	28	10															7					02-03
0347	26.460	72.4	53.9	29	10	1	Ac	130	9	Cs	250	10								2	5	.000			03-04
0447	26.465	70.8	53.1	30	10															4					04-05
0546	26.475	74.1	54.8	28	10															8					05-06
0649	26.480	77.2	56.5	27	10	0	Ac	130	10	Cs	E250	10								10	2	.020			06-07
0747	26.490	79.0	57.1	25	10															9					07-08
0849	26.495	79.4	56.9	24	10															4					08-09
0947	26.495	82.0	58.1	22	10	2	Ac	120	1	Ac	180	3	7	Cs	250	10				4	1	.015			09-10
1047	26.480	85.5	59.4	20	10															9					10-11
1149	26.470	83.0	58.4	22	10															8					11-12
1245	26.460	83.7	58.6	21	10	2	Ac	120	2	Ac	170	4	6	Cs	E250	10				9	8	.035			12-13
1347	26.455	84.2	59.9	23	10															10					13-14
1450	26.450	83.8	60.3	25	10															10					14-15
1550	26.445	83.0	59.4	24	10	0	Cu	80	2	Ac	130	2	8	As	E190	10				10	7	.015			15-16
1646	26.445	81.6	57.6	22	10															10					16-17
1748	26.455	78.1	57.3	27	10															10					17-18
1848	26.475	74.3	56.9	34	10	6	Ac	E120	4	As	180	10								10	3	.030			18-19
1947	26.465	74.4	56.9	34	10															10					19-20
2046	26.475	72.8	56.5	36	10															9					20-21
2147	26.480	71.8	56.0	37	10	2	Ac	120	2	As	180	4	6	Ci	E250	10				7	3	.005			21-22
2248	26.480	71.5	55.5	36	10															6					22-23
2347	26.485	70.0	55.1	39	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	78	72	X	X						X		
	0343	1	0	0	0	79	72		0								
	0944	2	0	0	0	83	69		0								
	1545	3	0	0	0	87	82		0								
	2143	4	T	0	0	83	71		0								
	MID.	X	0	0	0	72	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.485	26.445	26.480
BAROGRAPH 64	26.450	26.485	26.435	26.470
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
87	69	T	0	0	33	S	1338					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1843	2005			

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: 0523P 2 SEC SLOW / 1749P 2 SEC SLOW

* Barograph changed 0952P 0 Corr.

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 MAY 26

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)	OB. SERVER'S INITIALS (15)
SA	0049	140 SCT 250 - OVC	20			081	68	45	21	10		988	303 1077	MR
SA	0147	140 SCT 250 - OVC	20			081	66	47	23	08	G16	988		MR
SA	0250	130 SCT 250 - BKN	20			084	63	49	05	02		988		MR
SA	0348	E100 BKN 270 BKN	20			085	62	50	20	02		988	000 1058 62 RADAT 98117	JD
SA	0449	E90 BKN 160 BKN 270 OVC	20			091	62	50	00	00		990		JD
SA	0549	E90 BKN 160 BKN 270 BKN	20			096	65	50	18	02		992		JD
SA	0647	90 SCT 160 SCT 270 - OVC	20			098	67	49	25	02		992	008 1078	JD
SA	0746	100 SCT 160 SCT 270 - BKN	20			096	70	47	36	02		992	ACC SE	JD
SA	0847	100 SCT E160 BKN 270 OVC	20			095	73	47	22	07		992		JD
SA	0948	90 SCT E160 OVC	20			093	74	47	24	06		991	HIR CLDS VSB .002 107/ 62	JD
SA	1048	90 SCT E160 BKN 270 OVC	20			089	75	44	21	12	G21	990		JD
SA	1148	90 SCT E140 OVC	20			085	75	44	20	14	G23	988		JD
SA	1245	90 SCT E130 OVC	20			088	72	44	22	16		988	607 107/	JD
SA	1349	90 SCT E120 OVC	20		RW-	085	73	45	21	19		987	RB48	JD
SA	1450	90 SCT E110 OVC	20			085	70	45	22	16		986	HIR CLDS VSB RE06	JD
SA	1549	80 SCT E120 OVC	20			090	71	46	21	09		988	BINOVC 50200 1070 76 RADAT 00115	MR
SA	1647	80 SCT E150 BKN	20			085	73	44	21	10		987		MR
SA	1745	65 SCT 100 SCT E140 BKN	20			084	72	48	11	08		987		MR
SA	1850	E80 BKN 140 BKN	20			088	70	47	10	07		988	500 1070	MR
SA	1948	E70 BKN 140 BKN	20			089	69	47	11	04		988		MR
SA	2049	70 SCT E140 BKN	20			097	67	51	13	07		991		MR
SA	2147	70 SCT E150 OVC	20			095	66	51	13	07		990	BINOVC 007 1050 76	MR
SA	2247	E80 BKN 150 OVC	20			096	66	51	29	02		991	DSNT LTG S BINOVC	MR
SA	2346	60 SCT E80 BKN 150 OVC	20			098	63	57	07	07		991	RB12E31 BINOVC	MR

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 $6P_oP_oP_oP_o$ $7RRR_{tz}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 MAY 26

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 49	26.490	68.2	54.7	43	10	2	Ac	140	8	Cs	250	10								4	3	.010			00-01
01 47	26.490	66.3	54.9	49	10															4					01-02
02 50	26.490	63.0	54.7	60	9															3					02-03
03 48	26.490	62.1	54.9	64	9	6	Ac	E100	3	Cs	270	9								6	0	.000			03-04
04 49	26.500	62.4	54.8	63	10															9					04-05
05 49	26.515	65.3	55.9	57	9															9					05-06
06 47	26.515	67.0	56.1	52	10	2	Ac	90	1	Ac	160	3	7	Cs	270	10				3	0	.025			06-07
07 46	26.515	69.7	56.3	44	9															2					07-08
08 47	26.515	72.6	57.3	40	10															9					08-09
09 48	26.510	73.9	58.0	39	10	3	Ac	90	7	Ac	E160	10								10	8	.005			09-10
10 48	26.500	74.5	56.8	33	10															9					10-11
11 48	26.490	74.8	56.9	33	10															10					11-12
12 45	26.490	72.3	55.9	36	10	1	Ac	90	9	As	E130	10								10	6	.020			12-13
13 49	26.480	72.8	56.8	38	10															10					13-14
14 50	26.470	70.0	55.6	41	10															10					14-15
15 49	26.485	71.1	56.3	40	10	2	Ac	80	8	As	E120	10								9	5	.005			15-16
16 47	26.475	72.9	56.2	35	9															9					16-17
17 45	26.475	72.1	57.5	42	9															9					17-18
18 50	26.485	69.7	56.4	44	9	7	Ac	E80	2	Ac	140	9								9	5	.000			18-19
19 40	26.490	69.1	56.2	46	9															9					19-20
20 49	26.510	66.7	57.3	58	8															7					20-21
21 47	26.505	66.2	57.1	59	10	2	Ac	70	8	Ac	E150	10								8	0	.020			21-22
22 47	26.510	66.0	57.0	58	10															9					22-23
23 46	26.515	62.7	58.8	80	10															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	70	62	X	X						X		
	0344	1	0	0	0	72	62		0								
	0944	2	0	0	0	74	62		0								
	1543	3	T	0	0	76	70		0								
	2143	4	0	0	0	73	66		0								
	MID.	X	.02	0	0	66	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.510	26.485	26.505
BAROGRAPH 64	26.485	26.505	26.475	26.495
BAR. CORR. 65	+.005	+.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 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	62	.02	0	0	26	SW	1248 LST					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1348	1406			
RW-	2312	2331			

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: 0554P 2 SEC SLOW / 1751P 2 SEC SLOW

// LAST OF SEVERAL OCCURANCES

☆ 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 MAY 27

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)	OB. SERVER'S INITIALS (15)
SA	0049	80 SCT E150 OVC	20			098	62	53	05	08		991	CB OCNL LTGIC DSNT	MR
SA													S-SW BINOVC 00202 1970	
SA	0146	70 SCT E160 BKN	20			098	61	52	10	03		991	OCNL LTG DSNT S	MR
SA	0250	E70 BKN 130 OVC	20			100	61	52	09	02		991		MR
RS	0354	15 SCT E25 OVC	10		RW	101	59	56	34	04		991	RB1054 / 40013 1511	MR
—	—												58 20013 RADAT 95111	—
SP	0437	E10 OVC	5		RW				30	04		993	RW OCNLY RW+	MR
RS	0453	3 SCT M 8 OVC	3		RW F	109	57	55	28	08		993	RW OCNLY RW+	MR
SP	0522	3 SCT 8 SCT M22 OVC	7		RW-				25	05		994		MR
SA	0551	3 SCT 8 SCT M 22 OVC	15			116	56	55	34	04		995	RE38 RWU SE-S	MR
SP	0636	M7 BKN 20 OVC	3		RW				25	07		996	RW OCNLY RW+	MR
RS	0653	2 SCT M7 OVC	1½		RW F	126	56	55	28	05		997	22082 17//	MR
SP	0710	2 SCT M8 OVC	3		RW F				27	05		997	RB20	MR
SP	0727	M8 BKN 25 OVC	5		RW F				00	00		998	RW OCNLY RW- VSBY	MR
—	—												LWR N-E	—
SA	0750	M8 BKN 30 OVC	3		RW F	129	56	54	01	04		998		MR
SA	0847	M8 BKN 30 OVC	5		RW F	131	56	55	01	06		998	RW OCNLY RW-	MR
SA	0949	M8 BKN 30 OVC	10		RW-	132	57	54	33	04		999	10527 ONE 17N 56	MR
SP	1038	10 SCT M22 BKN 30 OVC	15		RW-				33	04		998		MR
SA	1052	10 SCT M25 OVC	20			128	61	55	02	05		998	RE42	MR
SA	1155	10 SCT M23 BKN 90 OVC	20			122	64	57	28	05		996		MR
SA	1251	10 SCT E25 OVC	20			122	63	57	22	13		996	TCU ALQDS RWU SE-	MR
—	—												SW / 60804 1200	—
SP	1338	10 SCT M40 OVC	15		TRW-				21	09		995	T B35 S MOVG N RB32	MR
SA	1352	10 SCT M37 OVC	15		TRW-	121	60	57	23	06		995	TB35 SE MOVG NE RB32	MR
SP	1407	10 SCT M35 OVC	20		RW-				18	05		995	TE05 MOVD NE	MR
SA	1450	10 SCT M45 OVC	20			116	62	53	19	03		994	TE05 MOVD NE RE21	MR
—	—												RWU SE-S AND NW	—
SA	1550	15 SCT E45 OVC	20			115	67	51	15	01		994	RWU SE 60702 16//	LEF
—													67 RADAT 82109	—
SA	1648	25 SCT M 55 OVC	20			114	66	51	12	01		994		LEF
SA	1748	25 SCT M 50 OVC	20		RW-	121	65	53	11	01		996	RB 37	LEF
SA	1850	25 SCT E 50 OVC	20		RW-	131	62	57	05	02		998	31002 16// 02/	LEF
SA	1948	M50 BKN 120 OVC	20		RW-	132	61	56	20	02		998		LEF
SA	2045	E55 BKN 120 OVC	20			135	61	54	19	02		999	RE10	LEF
SA	2147	E55 BKN 120 OVC	20			135	61	56	08	02		999	RB21 E33 30509 109/ 70	LEF
SA	2245	E50 BKN 120 OVC	20			135	62	56	07	03		999		LEF
SA	2345	50 SCT 120 SCT E250 BKN	20			131	61	56	07	02		999		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_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 MAY 27

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	61.9	56.2	71	10	0	CB	60	2	Ac	80	2	8	Ac	E150	10				7	0	.005			00-01
01 46	26.510	60.8	55.6	73	9															7					01-02
02 50	26.510	61.1	55.4	71	10															10					02-03
03 54	26.510	58.8	56.8	90	10	3	SC	15	10	SC	E25	10								10	4	.000			03-04
04 53	26.530	57.0	55.8	94	10															10					04-05
05 51	26.550	56.4	55.4	95	10															10					05-06
06 53	26.570	55.5	55.0	97	10	2	CUFRA	2	10	CUFRA	M7	10								10	2	.060			06-07
07 50	26.580	55.5	54.8	96	10															10					07-08
08 47	26.580	55.8	55.0	95	10															10					08-09
09 49	26.585	57.3	55.4	90	10	7	CUFRA	M8	10	NS	30	10								10	1	.015			09-10
10 52	26.580	60.6	57.2	82	10															10					10-11
11 55	26.560	63.6	59.2	78	10															9					11-12
12 51	26.560	63.0	59.3	81	10	3	CU	10	7	TCU	E25	10								9	6	.025			12-13
13 52	26.550	60.0	58.0	89	10															10					13-14
14 50	26.540	62.0	56.7	73	10															10					14-15
15 50	26.540	67.0	57.5	58	10	3	ST	15	7	TCU	E45	10								10	6	.020			15-16
16 48	26.535	66.3	57.1	58	10															10					16-17
17 48	26.550	65.3	57.9	65	10															10					17-18
18 50	26.570	61.8	58.7	84	10	2	ST	25	8	NS	E50	10								10	3	.030			18-19
19 48	26.570	60.7	58.0	86	10															10					19-20
20 45	26.585	61.4	57.0	78	10															10					20-21
21 47	26.585	61.2	58.0	84	10	7	NS	E55	3	Ac	120	10								10	3	.015			21-22
22 45	26.585	61.7	58.0	81	10															10					22-23
23 45	26.580	60.7	57.7	84	6															5					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 0348	X	.11	0	X	63	58	X	X						X		
	0348	1	.13	0	0	66	58		2								
	0945	2	1.27	0	0	59	56		2								
	1545	3	0.06	0	0	67	57		1								
	2142	4	0.09	0	0	70	60		1								
	MID.	X	0	0	0	63	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0949	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.585	26.540	26.585
BAROGRAPH 64	26.500	26.570	26.530	26.570
BAR. CORR. 65	+.010	+.015	+.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 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
70	56	1.53	0	0	15	SW	1156					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0254	0333			
RW	0333	0440			
RW+	0440	0450			
RW	0450	0515			
F	0452	0515			
RW-	0515	0538			
RW-	0620	0630			
RW	0630	0856			
F	0645	0925			
RW-	0856	1042			
RW-	1332	1421			
T	1335	1405			
RW-	1737	2010			
RW-	2121	2133			

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: CLOCK 2 SEC SLOW 0759 2230 2 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 MAY 28

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)	OB. SERVER'S INITIALS (15)
SA	0048	120 SCT 250 SCT	20			128	60	55	12	01		998	805 1076	LEF
SA	0147	120 SCT 250 SCT	20			127	59	53	09	04		997		LEF
SA	0249	75 SCT 120 SCT 250 SCT	20			125	60	53	05	06		997	43	LEF
SA	0350	75 SCT 120 SCT E250 BKN	20			126	59	53	02	08		997	500 1571 59 20138	LEF
—	—												RADAT 70113	—
SA	0453	75 SCT 120 SCT 250- BKN	20			130	59	53	08	06		998		LEF
SA	0550	75 SCT 250 SCT	20			130	62	53	08	07		999		LEF
SA	0647	75 SCT 250 SCT	20			133	64	53	03	09		999	107 1501	LEF
SA	0750	150 SCT 250 SCT	20			136	67	52	03	07		001	FEW CU SE	LEF
SA	0850	150 SCT	20			135	70	52	10	05		001	CU ALQDS	LEF
SA	0951	80 SCT 150 SCT	20			134	72	52	14	06		001	CB SE AND NW / 103	LEF
—	—												1370 57	—
SA	1052	80 SCT 250 SCT	20			127	74	52	11	05		999	CB DSNT SE	LEF
SA	1147	80 SCT 250 SCT	20			120	75	51	22	06		997	TCU SE AND NW	LEF
SA	1253	80 SCT 250 SCT	20			108	79	49	26	05		994	CB DSNT SE / 820 1301	LEF
SA	1352	80 SCT 250 SCT	20			102	82	48	26	04		993	CB DSNT SE	LEF
SA	1452	80 SCT 250 SCT	20			092	81	47	22	07		990	CB NE SE AND S	LEF
—	—												RWU NW	—
SA	1548	E 80 BKN	20			088	83	46	29	14		989	CB ALQDS 717 1900 83	LEF
—													RADAT 88122	—
SA	1646	E 80 BKN	20			092	78	49	08	16 G 24		989	CB ALQDS RWU NE-SE	LEF
SA	1749	80 SCT E140 BKN	20			093	77	48	12	11		990	CB RWU DSNT SE	LEF
SA	1849	80 SCT E140 BKN 250 BKN	20			098	74	49	10	09		992	208 1476	LEF
SA	1948	80 SCT 140 SCT 250 SCT	20			104	73	48	08	04		993		LEF
SA	2046	80 SCT 140 SCT	20			109	71	51	03	01		995		LEF
SA	2148	60 SCT E140 BKN	20			109	69	53	03	04		995	110 1470 83	LEF
SA	2245	60 SCT 140 SCT	20			104	69	52	07	02		994		LEF
SA	2345	60 SCT 140 SCT	20			105	66	54	12	09		994		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} $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 MAY 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 48	26.570	60.0	57.0	84	3	2	AC	120	1	CI	250	3								3	8	015			00-01
01 47	26.565	58.7	55.1	81	3															3					01-02
02 45	26.560	59.5	55.7	80	4															3					02-03
03 50	26.570	59.2	55.6	81	9	2	SC	75	3	AC	120	5	4	CI	E250	9				7	5	.000			03-04
04 53	26.580	59.0	55.3	80	7															3					04-05
05 50	26.585	61.9	56.3	72	4															3					05-06
06 47	26.590	64.1	57.3	67	3	2	SC	75	1	CI	250	3								3	1	.020			06-07
07 50	26.600	67.2	58.0	59	2															2					07-08
08 50	26.600	70.1	59.2	53	1															1					08-09
09 51	26.600	72.0	59.4	49	1	1	CB	80	0	AC	150	1								1	1	.010			09-10
10 54	26.585	73.7	60.0	46	1															1					10-11
11 47	26.570	75.1	60.3	43	2															2					11-12
12 53	26.540	78.7	60.6	36	1	1	CB	80	0	CI	250	1								1	8	.060			12-13
13 52	26.525	81.7	61.0	31	2															2					13-14
14 50	26.500	81.3	60.5	30	3															3					14-15
15 48	26.490	82.7	60.8	28	6	6	CB	E80												6	7	050			15-16
16 46	26.495	78.2	60.2	36	8															8					16-17
17 49	26.500	76.6	59.4	37	8															7					17-18
18 49	26.515	74.0	59.0	42	8	3	SC	80	3	AC	E140	6	2	CS	250	8				8	2	025			18-19
19 48	26.530	72.6	58.0	42	5															5					19-20
20 46	26.545	70.8	58.5	49	5															5					20-21
21 48	26.545	69.4	59.0	55	8	4	SC	60	4	AC	E140	8								8	1	030			21-22
22 45	26.535	68.7	58.4	55	5															5					22-23
23 45	26.535	66.4	58.7	65	5															5					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	61	59	X	X						X		
	0345	1	0	0	0	63	59		1								
	0947	2	0	0	0	72	59		1								
	1543	3	0	0	0	83	72		1								
	2143	4	0	0	0	83	69		0								
	MID.	X	0	0	0	69	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.600	26.490	26.545
BAROGRAPH 64	26.533	26.580	26.485	26.535
BAR. CORR. 65	+.015	+.020	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
83	59	0	0	0	24	E	1640					4	4		

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: CLOCK 2 SEC SLOW 0640 2301 2 SEC SLOW

WEATHER & OBSTRUCTIONS TO VISION

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

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 MAY 29

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 (15)
SA	0047	CLR	20			105	65	53	11	05		994	603 1070	LEF
SA	0145	CLR	20			105	63	53	07	02		994		LEF
SA	0246	CLR	20			105	61	54	09	01		994		LEF
SA	0354	CLR	20			105	60	54	08	03		994	102 1400 60 RADAT 46121	[illegible]
SA	0451	CLR	20			115	60	52	32	02		996		[illegible]
SA	0545	CLR	20			116	63	54	12	05		996		[illegible]
SA	0650	CLR	20			121	70	52	14	02		998	214 1100	[illegible]
SA	0752	CLR	20			119	74	44	34	07		998		[illegible]
SA	0852	CLR	20			120	76	46	03	06		998		[illegible]
SA	0948	CLR	20			115	79	48	22	03		997	803 1100 60	[illegible]
SA	1053	80 SCT	20			109	83	48	07	07		996		[illegible]
SA	1149	80 SCT	20			105	85	46	05	03		995		[illegible]
SA	1248	80 SCT	20			102	85	43	08	07		994	710 1100	[illegible]
SA	1347	80 SCT	20			098	85	43	02	08		993		[illegible]
SA	1450	80 SCT	20			088	87	43	07	05		990		[illegible]
SA	1547	80 SCT	20			083	87	39	12	05		988	719 1100 88 RADAT 60125	LEF
SA	1645	80 SCT	20			073	90	40	27	01		986		LEF
SA	1746	CLR	20			074	88	37	21	01		987		LEF
SA	1845	CLR	20			073	83	42	25	06		987	605 1001	LEF
SA	1948	CLR	20			082	75	52	07	02		988		LEF
SA	2046	CLR	20			090	73	50	09	03		991		LEF
SA	2145	CLR	20			090	71	42	07	05		991	112 1001 90	LEF
SA	2245	CLR	20			086	69	50	12	01		990		LEF
SA	2346	CLR	20			086	66	51	01	04		990		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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 MAY 29

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	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.535	64.8	57.7	66	0	0	AC	140												0	6	010			00-01
01 45	26.540	62.6	56.9	72	0															0					01-02
02 46	26.540	61.1	56.7	77	0															0					02-03
03 54	26.540	60.0	56.3	80	0	0	SC	90												0	1	.005			03-04
04 51	26.560	60.2	55.2	74	0															0					04-05
05 45	26.560	63.3	57.3	70	0															0					05-06
06 50	26.580	70.0	58.7	52	0	0	CU	80												0	2	.040			06-07
07 52	26.580	73.8	56.5	34	0															0					07-08
08 52	26.580	75.5	58.0	35	0															0					08-09
09 48	26.570	78.6	60.0	34	0	0	CU	80												0	8	.010			09-10
10 53	26.520	82.8	61.5	30	1															1					10-11
11 49	26.530	85.0	61.3	26	4															4					11-12
12 48	26.540	84.7	60.1	23	4	4	CU	80												4	7	.030			12-13
13 47	26.525	84.8	60.0	23	4															4					13-14
14 50	26.500	86.8	60.8	22	3															3					14-15
15 47	26.485	86.7	59.5	19	3	3	CU	80												3	7	055			15-16
16 45	26.465	90.0	60.8	17	1															1					16-17
17 46	26.470	88.0	59.4	17	0															0					17-18
18 45	26.470	82.7	59.0	24	0	0	CI	250												0	6	015			18-19
19 48	26.485	75.2	60.8	45	0															0					19-20
20 46	26.505	73.3	59.1	44	0															0					20-21
21 45	26.505	71.0	58.7	49	0	0	CI	250												0	1	035			21-22
22 45	26.500	68.9	57.5	51	0															0					22-23
23 46	26.500	66.4	56.8	57	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 0350	X	0	0	X	66	60	X	X						X		
	0350	1	0	0	0	69	60		0								
	0944	2	0	0	0	79	60		0								
	1542	3	0	0	0	88	79		0								
	2140	4	0	0	0	90	71		0								
	MID.	X	0	0	0	71	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0948	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.570	26.485	26.505
BAROGRAPH 64	26.530	26.570	26.495	26.510
BAR. CORR. 65	+.010	±0 *	-.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 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
90	60	0	0	0	15	5	1212					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: CLOCK 2 SEC SLOW 0710 2310 2 SEC SLOW

* BAROGRAPH CHANGED

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 MAY 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0049	CLR	20			084	66	51	09	02		989	703 1001	LEF
SA	0147	CLR	20			085	65	50	09	03		989		LEF
SA	0246	CLR	20			082	64	49	04	02		989		LEF
SA	0352	300-BKN	20			087	63	51	13	06		990	302 1006 63 RADAT 50128	LEF
SA	0452	300-BKN	20			090	62	52	00	00		991		LEF
SA	0549	300-BKN	20			091	68	51	13	03		992		LEF
SA	0652	300-BKN	20			095	72	48	31	05		993	210 1101	LEF
SA	0746	300-BKN	20			102	77	47	25	03		995		LEF
SA	0847	300-SCT	20			095	80	47	21	04		993	CB SE	LEF
SA	0952	CLR	20			093	84	47	22	07		993	802 1201 61	LEF
SA	1053	80 SCT 300 SCT	20			087	88	46	22	12		991	CB NW	LEF
SA	1153	80 SCT 300 SCT	20			080	90	46	22	10		988	CB NW-SE MOVG NE	LEF
SA	1252	80 SCT 300 SCT	20			072	91	43	20	11		986	CB N-SE MOVG NE	LEF
—	—												719 1903	—
SA	1347	80 SCT 300 SCT	20			068	91	40	25	09		985	CB DSNT NE AND E	LEF
SA	1450	80 SCT 300 SCT	20			062	91	37	26	10		983	CB DSNT N-SE	LEF
SA	1547	80 SCT 300 SCT	20			052	92	35	24	07	G16	981	719 1205 92 RADAT 54130	LEF
SA	1646	80 SCT 300-SCT	20			048	89	37	21	13		979		LEF
SA	1747	80 SCT 300-BKN	20			045	87	39	21	10	G19	979		LEF
SA	1846	300-BKN	20			047	85	39	18	10		980	503 1208	LEF
SA	1947	300-OVC	20			054	80	43	16	05		981		LEF
SA	2045	300-BKN	20			063	78	44	12	01		984		LEF
SA	2148	140 SCT E300 BKN	20			067	81	38	04	15	G24	986	OCNL LTG DSNT NE	LEF
[redacted]													220 1078 92	—
SA	2247	140 SCT 300-OVC	20			069	79	41	07	12		987		LEF
SA	2350	E70 BKN 140 BKN 300 OVC	20			091	77	41	03	22		993	PRESRR OCNL LTG DSNT W AND NE	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 $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 MAY 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	26.495	66.3	57.0	58	0	0	ci	250												0	7	.010			00-01
01 47	26.495	65.0	56.0	59	0															0					01-02
02 46	26.490	64.0	55.3	59	0															0					02-03
03 52	26.500	63.0	55.7	64	6	6	CI	300												2	3	.005			03-04
04 50	26.510	61.9	56.0	71	6															2					04-05
05 49	26.520	68.1	57.5	54	8															4					05-06
06 52	26.530	72.0	57.6	42	7	0	CU	80	7	CI	300	7								3	2	.030			06-07
07 46	26.545	76.8	59.0	35	7															3					07-08
08 47	26.530	80.3	60.0	31	4															1					08-09
09 52	26.525	83.6	61.4	28	0	0	CU	80	0	CI	300	0								0	8	.005			09-10
10 53	26.510	87.7	62.4	24	1															1					10-11
11 53	26.490	89.6	63.0	22	2															2					11-12
12 52	26.470	90.8	62.1	19	3	3	CB	80	0	CI	300	3								3	7	.055			12-13
13 47	26.460	91.3	61.3	17	3															3					13-14
14 50	26.440	91.4	60.5	15	3															3					14-15
15 47	26.415	91.8	60.0	13	2	2	CU	80	0	CI	300	2								2	7	.055			15-16
16 46	26.460	89.3	59.8	16	4															2					16-17
17 47	26.400	87.3	59.6	18	7															3					17-18
18 46	26.405	84.9	58.8	20	9	0	CU	80	9	CS	300	9								4	5	.010			18-19
19 47	26.420	79.8	58.3	27	10															4					19-20
20 45	26.445	78.3	58.3	30	9															3					20-21
21 48	26.465	80.8	57.0	22	9	4	AC	140	5	CS	E300	9								6	2	.060			21-22
22 47	26.475	79.0	57.4	26	10															5					22-23
23 50	26.530	76.8	56.5	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 GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	66	63	X	X						X		
	0347	1	0	0	0	71	63		0								
	0948	2	0	0	0	84	61		0								
	1542	3	0	0	0	92	84		0								
	2143	4	0	0	0	92	77		0								
	MID.	X	0	0	0	82	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.525	26.415	26.465
BAROGRAPH 64	26.505	26.530	26.420	26.465
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 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
92	61	0	0	0	29	NE	2127					4	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: CLOCK 2 SEC SLOW 0730 2230 2 SEC SLOW

MF1-10B

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

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 MAY 31

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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	E70BKN 140 OVC	20		RW-	091	73	47	35	06		993	RB06 OCNL DSNT	LEF
—													LTG NE-SE-SW 02Z09 07/	—
SA	0148	E70BKN 140 OVC	20			083	70	51	12	15		991	RE13	LEF
SA	0250	E70 OVC	20			074	69	50	11	22	G31	988	~~PK WND 1134/16~~	LEF
SA	0353	E70 BKN 140 OVC	20			077	72	46	12	10		988	S1400 107/ 68	SH
	—		—			—						—	RADAT 71129	—
SA	0450	E80 BKN 200 OVC	20			091	68	50	25	04		992		SH
SA	0549	80 SCT E200 BKN	20			094	72	50	12	10		993		SH
SA	0649	200 - BKN	20			098	73	51	18	04		994	217 1071	SH
SA	0746	200 - SCT	20			103	75	50	21	06		995		SH
SA	0847	250 - SCT	20			103	77	50	13	04		995		SH
SA	0948	250 - SCT	20			097	80	50	02	03		994	FEW CU AC / 000	SH
	—		—			—						—	1138 68	—
SA	1045	150 SCT 250 - OVC	20			096	81	49	11	08		994	CB SE STNRY	SH
SA	1146	150 SCT 250 - OVC	20			090	82	48	12	05		992	CB SE MOVG SE	SH
SA	1245	80 SCT E250 OVC	20			083	84	48	36	02		990	CB NE-E-SE / 714	SH
													1907	
SA	1347	80 SCT E250 OVC	20			072	86	45	23	12		986	CB N AND SE	SH
SA	1445	80 SCT E250 OVC	20			065	87	45	24	08		984	CB N AND SE	SH
SA	1548	80 SCT E200 BKN	20			056	87	42	24	10		982	CB SW / 624 1308 88	
													RADAT 46131	008
SA	1647	80 SCT E200 BKN	20			049	87	41	23	05		980	CB S	008
SA	1750	80 SCT 200 SCT	20			048	87	41	24	08		980	CB S	008
SA	1850	80 SCT 200 SCT	20			057	83	41	23	05		982	CB N / 500 1308	008
SA	1945	80 SCT 200 SCT	20			058	80	45	18	03		982	CB N	008
SA	2050	80 SCT 200 SCT	20			070	77	48	09	02		985		008
SA	2150	80 SCT 200 SCT	20			069	75	49	12	01		985	110 1308 88	008
SA	2244	200 SCT	20			069	73	49	07	02		985	DSNT LTG NE-E	008
SA	2346	200 SCT	20			068	73	48	02	04		985		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 MAY 31

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	26.530	73.1	57.8	40	10	7	NS	E70	3	AC	140	10								10	0	.065			00-01
01 48	26.505	69.6	58.4	52	10															10					01-02
02 50	26.480	69.1	57.8	52	10															10					02-03
03 53	26.490	72.4	57.2	40	10	6	NS	E70	4	AC	140	10								10	5	.040			03-04
04 50	26.520	68.4	57.4	52	10															10					04-05
05 49	26.530	72.0	58.5	45	7															5					05-06
06 49	26.540	73.4	59.4	45	7	0	AC	140	7	CI	200	7								0	2	.050			06-07
07 46	26.550	74.8	59.7	42	3															0					07-08
08 47	26.550	77.0	60.2	38	3															0					08-09
09 48	26.540	79.7	61.3	36	5	0	CU	80	0	AC	140	0	5	CS	250	5				1	0	.000			09-10
10 45	26.535	81.4	61.4	32	10															3					10-11
11 46	26.520	82.3	61.4	30	10															4					11-12
12 45	26.500	84.1	62.0	29	10	1	CB	80	9	CS	E250	10								7	7	.040			12-13
13 47	26.470	86.3	61.3	23	10															7					13-14
14 45	26.450	86.7	61.7	24	10															6					14-15
15 48	26.430	87.0	60.6	21	7	1	CB	80	6	CS	E200	7								5	6	.070			15-16
16 47	26.410	87.2	60.3	20	7															5					16-17
17 50	26.410	86.5	60.0	20	5															4					17-18
18 50	26.430	83.0	58.8	23	5	1	CB	80	4	CS	200	5								4	5	.000			18-19
19 45	26.430	79.6	59.2	30	4															3					19-20
20 50	26.460	77.4	59.7	36	3															3					20-21
21 50	26.460	75.3	59.2	39	3	1	CB	80	2	CS	200	3								3	1	.030			21-22
22 44	26.460	73.4	58.5	42	2															2					22-23
23 46	26.460	73.4	58.4	41	2															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	T	0	X	77	68	X	X						X		
	0348	1	T	0	0	82	68		1								
	0944	2	0	0	0	80	68		0								
	1542	3	0	0	0	88	80		0								
	2145	4	0	0	0	88	75		0								
	MID.	X	0	0	0	76	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0946	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.540	26.430	26.460
BAROGRAPH 64	26.495	26.550	26.435	26.460
BAR. CORR. 65	-.005	-.010	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	68	T	0	0	34	SE	0216					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0006	0113			

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: 0830 - 2 SEC SLOW / 1730P - ON TIME

MF1-10B

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