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, Nevada

MONTH: April | YEAR: 1985

LATITUDE: 36° 39' N | LONGITUDE: 116° 01' W | GROUND ELEVATION (H): 3298 FT. | STANDARD TIME: Pacific

DAY 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	DEGREE DAYS (Base 65°) HEATING 6a	COOLING 6b	PRECIPITATION (In.) TOTAL (Water equivalent) 7	SNOWFALL, ICE PELLETS 8	SNOW, ICE PELLETS OR ICE ON GROUND AT 4 AM 9	WIND AVERAGE SPEED [redacted] KNOTS 10	[redacted] SPEED [redacted] KNOTS 11	Peak DIRECTION 12	[redacted] Ave. Stn. Press	* PERCENT OF POSSIBLE SUN 14	SKY COVER SUNRISE TO SUNSET (Tenths) 15	WEATHER OCCURRENCES 16	04 17	RH 10 18	16 19	22 20
1	77	49	63		2	0	0	0	0	8.2	21	SE	26.87	100	0		49	26	20	36
2	82	44	63		2	0	0	0	0	3.8	17	SE	26.76	100	0		52	24	14	35
3	82	42	62		3	0	0	0	0	4.6	17	W	26.52	90	1		56	22	18	27
4	80	45	63		2	0	0	0	0	4.8	22	NE	26.47	75	10		43	18	16	35
5	82	52	67		0	2	0	0	0	5.4	19	E	26.54	100	2		35	23	16	39
6	86	48	67		0	2	0	0	0	3.8	16	NE	26.57	100	0		44	20	15	30
7	86	47	67		0	2	0	0	0	2.2	16	SW	26.65	92	1		46	21	16	35
8	86	48	67		0	2	0	0	0	4.0	19	W	26.62	96	5		45	18	14	25
9	86	49	68		0	3	0	0	0	4.3	23	W	26.55	100	1		44	20	12	26
10	85	48	67		0	2	0	0	0	6.4	27	W	26.52	97	2		30	20	12	27
11	82	53	68		0	3	0	0	0	5.8	15	W	26.60	62	6		32	28	16	33
12	87	53	70		0	5	0	0	0	6.6	21	E	26.71	100	2		23	18	13	26
13	87	57	72		0	7	0	0	0	6.2	20	NE	26.73	100	0		28	17	15	16
14	90	53	72		0	7	0	0	0	4.8	16	W	26.59	100	0		34	19	12	24
15	86	51	69		0	4	0	0	0	8.7	31	SW	26.44	58	9		35	18	9	18
16	78	56	67		0	2	0	0	0	9.7	30	S	26.40	42	9		25	21	14	29
17	65	51	58		7	0	0	0	0	8.4	27	SW	26.41	10	10		43	42	32	39
18	65	43	54		11	0	0.02	0	0	6.2	24	SW	26.40	42	7	RW-	52	48	46	64
19	69	39	54		11	0	0	0	0	7.6	30	SW	26.41	72	5		87	48	32	47
20	61	42	52		13	0	0	0	0	10.0	27	SW	26.33	5	10		40	38	29	58
21	67	36	52		13	0	0	0	0	7.5	27	SW	26.34	78	4		72	45	26	35
22	75	42	59		6	0	0	0	0	4.7	25	NW	26.49	99	0		63	30	13	36
23	80	41	61		4	0	0	0	0	4.7	30	W	26.61	94	3		46	21	21	24
24	77	53	65		0	0	0	0	0	8.1	24	NE	26.51	100	1		26	18	9	14
25	60	42	51		14	0	T	0	0	14.1	38	N	26.38	59	4	RW-	22	27	30	35
26	67	38	53		12	0	0	0	0	13.5	43	N	26.42	83	2		42	20	12	24
27	72	48	60		5	0	0	0	0	8.7	33	E	26.55	85	3		26	26	16	29
28	81	44	63		2	0	0	0	0	4.9	26	SW	26.58	95	5		46	20	18	26
29	84	49	67		0	2	0	0	0	5.7	18	W	26.63	85	8		46	25	14	27
30	88	51	70		0	5	0	0	0	3.4	17	SW	26.60	55	9		39	21	15	35
31																				
SUM	2353	1414	—	—	107	48	0.02	0	—	196.8	—	—	796.20	—	119	—	1271	762	545	953
AVG	78.4	47.1	—	—	—	—	—	—	—	6.6	FASTEST	DIRECTION	[redacted]	%		—	42	25	18	32
[redacted]										MISC. →	43	N	26.54	79	4.0	—				

TEMPERATURE DATA

AVERAGE MONTHLY 62.8
DEPARTURE FROM NORMAL 4.3
HIGHEST 90 ON 14
LOWEST 36 ON 21

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 1
MIN. 32° OR BELOW 0
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 107
DEPARTURE FROM NORMAL -109
SEASONAL TOTAL 3411
DEPARTURE FROM NORMAL

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 48
DEPARTURE FROM NORMAL 22
SEASONAL TOTAL 48
DEPARTURE FROM NORMAL

*Estimated

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.02 IN.
DEPARTURE FROM NORMAL IN.
GREATEST IN 24 HRS. 0.02 ON 18

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

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 16
PARTLY CLOUDY (Scale 4–7) 7
CLOUDY (Scale 8–10) 7
WITH 0.01 INCH OR MORE PRECIP. 1
WITH 0.10 INCH OR MORE PRECIP. 0
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

T = thunderstorm
R = rain
RW = rain shower
S = snow
SW = snow shower
F = fog

MAXIMUM PRECIPITATION

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

HIGHEST Stn P 26.940 IN. ON 1
LOWEST [redacted] 26.235 IN. ON 20

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1 APR 1985

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 INITIALS (15)
SA	0050	CLR	20			237	55	30	05	13		030	208	MR
SA	0154	CLR	20			243	52	30	05	11		031		MR
SA	0251	CLR	20			244	53	31	05	13		031		MR
SA	0354	CLR	20			250	51	32	07	03		033	308 50 RADAT 23122	MR
SA	0452	CLR	20			258	50	31	06	07		035		MR
SA	0551	CLR	20			263	52	31	04	13		036		MR
SA	0652	CLR	20			267	55	32	02	13		037	114 1001	MR
SA	0752	CLR	20			267	60	31	05	13		038		MR
SA	0855	CLR	20			269	64	33	06	08		038		MR
SA	0952	CLR	20			270	66	30	12	13	G21	038	103 49	MR
SA	1050	CLR	20			263	69	32	13	11		037		MR
SA	1151	CLR	20			251	71	32	05	07		034		MR
SA	1254	CLR	20			243	72	30	02	07		032	820	MR
SA	1355	CLR	20			230	75	33	08	04		028		MR
SA	1450	CLR	20			220	74	30	12	08		025		MR
SA	1553	CLR	20			215	76	32	13	11		024	625 77 RADAT 20132	MR
SA	1651	CLR	20			216	74	31	11	10		024		MR
SA	1753	CLR	20			223	71	31	11	08		025		MR
SA	1856	CLR	20			226	63	32	12	06		025	105	MR
SA	1949	CLR	20			229	65	31	09	04		027		MR
SA	2051	CLR	20			231	62	31	36	03		028		MR
SA	2152	CLR	20			236	57	30	01	05		028	110 77	MR
SA	2251	CLR	20			236	54	32	32	02		029		MR
SA	2355	CLR	20			239	51	32	34	03		029		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-784-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1 APR 1985

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	26.865	55.2	43.6	38	0															0	2	.025			00-01
01 54	26.870	52.4	42.2	42	0															0					01-02
02 51	26.875	52.6	42.5	43	0															0					02-03
03 54	26.890	50.5	42.0	49	0															0	3	.025			03-04
04 52	26.910	49.7	41.2	49	0															0					04-05
05 51	26.920	52.3	42.5	44	0															0					05-06
06 52	26.930	55.1	44.1	41	0	0	CI	250												0	1	.040			06-07
07 52	26.935	60.1	46.1	33	0															0					07-08
08 55	26.940	63.7	48.5	32	0															0					08-09
09 52	26.940	65.8	48.5	26	0															0	1	.010			09-10
10 50	26.930	68.8	50.3	26	0															0					10-11
11 51	26.900	71.1	51.1	23	0															0					11-12
12 54	26.880	72.2	51.2	21	0															0	8	.060			12-13
13 55	26.845	75.0	53.0	21	0															0					13-14
14 50	26.820	74.0	52.0	20	0															0					14-15
15 53	26.805	75.8	53.2	20	0															0	6	.075			15-16
16 51	26.805	73.9	52.2	21	0															0					16-17
17 53	26.820	70.7	50.8	23	0															0					17-18
18 56	26.820	62.5	47.6	32	0															0	1	.015			18-19
19 49	26.840	64.7	48.2	28	0															0					19-20
20 51	26.845	62.0	47.1	31	0															0					20-21
21 52	26.850	56.6	44.2	36	0															0	1	.030			21-22
22 51	26.855	53.9	43.4	42	0															0					22-23
23 53	26.860	51.1	42.1	47	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	56	50	X	X						X		
	0350	1	0	0	0	57	50		0								
	0948	2	0	0	0	66	49		0								
	1547	3	0	0	0	77	66		0								
	2147	4	0	0	0	76	56		0								
	MID.	X	0	0	0	57	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0324	0952	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.870	26.940	26.805	26.850
BAROGRAPH 64	26.900	26.940	26.815	26.850
BAR. CORR. 65	-.010	±0 X	-.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
77	49	0	0	0	21	SE	1608 U					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

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 AT: 0509P ±0 Sec./ 1653P ±0 Sec./ ± Sec.

X BAROGRAPH CHANGED RESET TO ±.0 CORR

U LAST OF SEVERAL OCCURENCES

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 2 APR 1985

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)	OBS. METHOD (15)
SA	0051	CLR	20			235	51	32	02	03		028	000	MR
SA	0153	CLR	20			233	50	31	03	07		028		MR
SA	0254	CLR	20			231	47	32	02	03		027		MR
SA	0353	CLR	20			229	49	33	05	05		027	603 45 TRADAT 20120	MR
SA	0452	CLR	20			233	45	33	00	00		027		MR
SA	0550	CLR	20			238	46	33	00	00		028		MR
SA	0650	CLR	20			240	58	34	06	03		030	307 1001	MR
SA	0753	CLR	20			235	65	34	03	04		030		MR
SA	0853	CLR	20			231	69	35	05	02		028		MR
SA	0950	CLR	20			227	73	34	12	08		027	807 1001 44	MR
SA	1050	CLR	20			220	75	34	14	06		025		MR
SA	1150	CLR	20			212	78	32	12	08		023		MR
SA	1255	CLR	20			196	80	30	11	03		018	827 1001	MR
SA	1354	CLR	20			185	81	29	00	00		015		MR
SA	1451	CLR	20			175	81	26	33	04		012		MR
SA	1554	CLR	20			166	80	27	27	04		010	627 1101 82 RADAT 20127	MR
SA	1651	250-SCT	20			164	80	28	26	07		009		MR
SA	1753	CLR	20			163	75	28	24	05		008		MR
SA	1853	CLR	20			165	62	29	06	04		008	505 1001	MR
SA	1954	CLR	20			160	60	27	09	04		008		MR
SA	2049	CLR	20			166	55	27	09	02		009		MR
SA	2152	CLR	20			163	54	27	09	04		008	000 1001 82	MR
SA	2250	CLR	20			160	51	27	02	03		008		MR
SA	2353	250-SCT	20			156	48	28	33	02		007		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRR_tR$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 2 APR 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.850	50.6	42.0	49	0															0	0	.000			00-01
01 53	26.850	49.5	41.2	50	0															0					01-02
02 54	26.840	47.1	40.2	55	0															0					02-03
03 53	26.840	49.3	41.5	52	0															0	6	.010			03-04
04 52	26.840	45.4	39.8	62	0															0					04-05
05 50	26.850	45.5	39.7	61	0															0					05-06
06 50	26.860	57.7	46.0	41	0	0	Ci	250												0	3	.020			06-07
07 53	26.860	65.1	49.4	31	0															0					07-08
08 53	26.850	69.3	51.5	28	0															0					08-09
09 50	26.840	72.5	52.5	25	0	0	Ci	250												0	8	.020			09-10
10 50	26.820	75.3	53.7	23	0															0					10-11
11 50	26.800	77.5	54.0	19	0															0					11-12
12 55	26.760	79.7	54.2	16	0	0	Ci	250												0	8	.080			12-13
13 54	26.730	80.8	54.4	15	0															0					13-14
14 51	26.700	81.0	53.8	13	0															0					14-15
15 54	26.680	80.4	53.7	14	0	0	Cu	60	0	Ci	250	0								0	6	.080			15-16
16 51	26.670	79.8	53.6	15	2															0					16-17
17 53	26.660	74.7	51.6	18	0															0					17-18
18 53	26.665	62.4	46.7	29	0	0	Ci	250												0	5	.015			18-19
19 54	26.660	57.7	44.7	28	0															0					19-20
20 49	26.675	55.3	42.6	33	0															0					20-21
21 52	26.665	53.5	41.6	35	0	0	Ci	250												0	0	.000			21-22
22 50	26.660	50.9	40.5	39	0															0					22-23
23 53	26.650	48.4	39.6	46	1															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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	51	45	X	X						X		
	0349	1	0	0	0	57	45		0								
	0945	2	0	0	0	73	44		0								
	1548	3	0	0	0	82	73		0								
	2146	4	0	0	0	80	53		0								
	MID.	X	0	0	0	54	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.840	26.840	26.680	26.665
BAROGRAPH 64	26.830	26.835	26.680	26.655
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
82	44	0	0	0	17	SE	1005					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 - CLOCK AT: 0513P ± 0 Sec./ 1653P ± 0 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 3 APR 1985

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)	OBS. INITIALS (15)
SA	0052	250 - SCT	20			150	47	29	01	04		005	810 1001	HC
SA	0149	250 - SCT	20			140	46	29	02	02		002		HC
SA	0253	CLR	20			137	46	29	04	03		001		HC
SA	0352	CLR	20			134	44	30	00	00		999	615 1001 43 RADAT 20117	HC
SA	0453	CLR	20			135	44	30	06	02		999		HC
SA	0552	CLR	20			137	46	29	00	00		999		HC
SA	0652	CLR	20			142	53	31	00	00		000	302 1001	HC
SA	0753	CLR	20			138	62	30	00	00		000		HC
SA	0850	CLR	20			138	67	31	00	00		000		HC
SA	0950	CLR	20			130	72	32	22	08		998	805 1001 42	HC
SA	1051	CLR	20			122	76	33	24	09		996	FEW CU CI	HC
SA	1157	CLR	20			111	77	29	21	10		993		HC
SA	1253	CLR	20			099	79	31	19	07		990	727 1101	HC
SA	1353	70 SCT 250 SCT	20			088	80	30	20	07		986	TCU N-NE	HC
SA	1451	70 SCT 250 SCT	20			075	81	31	23	10		983	CB NW-NE VIRGA NW	HC
—	—												RWU NE	—
SA	1555	80 SCT 250 SCT	20			075	78	32	20	07		982	TCU NW-NE/624	EP
/		~~250 SCT~~	~~20~~										1201 82 RADAT 46117	/
SA	1652	250 SCT	20			069	79	30	22	08		980	CB E	EP
SA	1757	80 SCT 250 ~~SCT~~ SCT	20			067	75	31	24	03		980		EP
SA	1850	80 SCT	20			071	65	31	03	03		980	505 1100	EP
SA	1951	CLR	20			076	65	30	03	07		983		EP
SA	2055	CLR	20			079	61	29	06	08		984		EP
SA	2155	CLR	20			078	57	23	07	09		984	112 82	EP
SA	2253	CLR	20			077	56	23	17	03		984		EP
SA	2351	CLR	20			081	54	24	00	00		985		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 3 APR 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.635	47.2	39.3	49	1	1	CI	250												0	8	.030			00-01
01 49	26.610	46.0	38.7	52	1															0					01-02
02 53	26.600	45.9	38.4	51	0															0					02-03
03 52	26.590	44.2	37.8	56	0	0	CI	250												0	6	.045			03-04
04 53	26.590	44.0	38.0	59	0															0					04-05
05 52	26.590	45.5	38.2	52	0															0					05-06
06 52	26.595	52.7	42.7	44	0	0	CI	250												0	3	.005			06-07
07 53	26.595	61.5	46.4	30	0															0					07-08
08 50	26.595	66.6	49.1	27	0															0					08-09
09 50	26.580	72.1	51.7	23	0	0	CI	250												0	8	.015			09-10
10 51	26.560	75.5	53.3	21	0															0					10-11
11 57	26.530	77.0	52.8	17	0															0					11-12
12 53	26.500	78.8	54.0	17	0	0	CU	70	0	CI	250	0								0	7	.080			12-13
13 53	26.470	79.8	54.3	16	3															3					13-14
14 51	26.440	80.9	54.9	16	3															3					14-15
15 55	26.430	78.2	54.2	19	5	1	CU	80	4	CI	250	5								5	6	.070			15-16
16 52	26.415	78.5	53.7	17	2															2					16-17
17 51	26.410	75.1	52.5	19	1															1					17-18
18 50	26.415	64.5	48.2	29	1	1	CU	80												1	5	.015			18-19
19 51	26.440	64.5	47.9	27	0															0					19-20
20 55	26.450	61.2	46.0	29	0															0					20-21
21 55	26.450	56.7	42.3	27	0															0	1	.035			21-22
22 53	26.450	55.8	41.8	28	0															0					22-23
23 51	26.460	53.5	41.0	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	48	43	X	X						X		
	0348	1	0	0	0	54	43		0								
	0947	2	0	0	0	72	42		0								
	1550	3	0	0	0	82	72		0								
	2150	4	0	0	0	79	57		0								
	MID.	X	0	0	0	57	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0750	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.580	26.430	26.450
BAROGRAPH 64	26.580	26.570	26.420	26.430
BAR. CORR. 65	+.010	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
82	42	0	0	0	17	W	1302					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 AT: 0518Z ± 0 Sec./ 1200 ± 0 Sec./ ± Sec.

1555/1555 1751/1751

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

MF1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 4 APR 1985

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)	OBSERVERS INITIALS (15)
SA	0053	CLR	20			078	54	23	00	00		985	002	EP
SA	0151	CLR	20			078	50	23	00	00		984		EP
SA	0250	CLR	20			075	48	23	06	03		983		EP
SA	0353	CLR	20			075	47	26	05	02		983	707 1001 45 RADAT 20111	HS
SA	0453	~~CLR~~ 250-SCT	20			083	46	27	00	00		985		HS
SA	0553	250-BKN	20			086	47	25	07	02		986		HS
SA	0652	250-OVC	20			096	50	27	00	00		987	FEW AC 31~~8~~4 1077	HS
SA	0750	E250 OVC	20			093	57	31	00	00		987	FEW AC	HS
SA	0851	E250 OVC	20			093	67	28	08	02		988	FEW AC	HS
SA	0955	150 SCT 250-OVC	20			096	70	25	06	08		989	307 1077 45	HS
SA	1052	250-OVC	20			094	73	26	06	09		989		HS
SA	1151	250-OVC	20			092	74	28	07	04		988		HS
SA	1254	250-OVC	20			085	76	30	06	09		986	810 1007	HS
SA	1352	250-OVC	20			077	77	30	34	07	619	984		HS
SA	1454	250-OVC	20			077	77	27	05	09	620	983		HS
SA	1553	250-OVC	20			080	76	27	05	10	620	983	507 1007 80 RADAT 26120	EP
SA	1650	250-OVC	20			083	76	25	05	08		984		EP
SA	1753	250-OVC	20			082	71	27	07	06		983		EP
SA	1852	250-BKN	20			085	63	28	00	00		983	000 1008	EP
SA	1952	250-SCT	20			093	59	31	03	08		986		EP
SA	2052	250-BKN	20			093	58	27	13	03		988		EP
SA	2154	250-BKN	20			102	56	29	34	05		991	322 1008 80	EP
SA	2252	250-SCT	20			100	62	30	05	09		991		EP
SA	2353	250-SCT	20			104	60	29	05	11		992		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiiii $i_R i_x$ hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 4 APR 1985

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	26.455	53.7	46.6	29	0															0	0	.005			00-01
01 51	26.450	49.8	38.8	35	0															0					01-02
02 50	26.440	48.2	38.0	37	0															0					02-03
03 53	26.435	47.0	38.0	43	0	0	Ci	250												0	7	.020			03-04
04 53	26.455	46.1	38.0	47	3															0					04-05
05 53	26.460	47.2	37.8	41	9															2					05-06
06 52	26.475	50.2	40.0	40	10	0	Ac	150	10	Cs	250	10								4	3	.040			06-07
07 50	26.475	57.3	44.7	36	10															6					07-08
08 51	26.485	67.0	48.3	23	10															6					08-09
09 55	26.495	70.1	49.0	18	10	1	Ac	150	9	Cs	250	10								5	3	.020			09-10
10 52	26.490	72.5	50.2	17	10															4					10-11
11 51	26.485	74.2	51.4	18	10															4					11-12
12 54	26.465	76.2	52.7	18	10	10	Cs	250												3	8	.030			12-13
13 52	26.445	77.4	53.4	18	10															3					13-14
14 54	26.440	76.9	52.2	16	10															2					14-15
15 53	26.445	76.3	52.0	16	10	10	Cs	250												2	5	.020			15-16
16 50	26.450	75.6	51.3	15	10															2					16-17
17 53	26.445	71.2	50.0	19	10															2					17-18
18 52	26.445	62.5	46.4	27	6	6	Cs	250												0	0	.000			18-19
19 52	26.470	58.8	45.5	35	3															0					19-20
20 52	26.485	58.0	44.0	30	6															0					20-21
21 54	26.510	56.4	43.8	35	6	6	Cs	250												0	3	.065			21-22
22 52	26.515	61.6	46.6	30	4															0					22-23
23 53	26.525	60.4	45.7	30	4															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	58	45	X	X						X		
	0349	1	0	0	0	57	45		0								
	0951	2	0	0	0	72	46		0								
	1550	3	0	0	0	80	70		0								
	2150	4	0	0	0	76	55		0								
	MID.	X	0	0	0	62	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0954	1551	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.435	26.495	26.445	26.510
BAROGRAPH 64	26.425	26.485	26.430	26.490
BAR. CORR. 65	+.010	+.010	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	45	0	0	0	22	NE	1518					10	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 - CLOCK AT: 0940P ±0 Sec./ 2150 ±0 Sec./ ± Sec.

0453/0453 0652/1815

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 5 APR 1985

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 (15)
SA	0054	250 - SCT	20			109	61	30	08	09		994	210 1008	EP
SA	0152	250 - SCT	20			108	61	31	02	12		994		EP
SA	0251	250 - SCT	20			112	60	31	05	07		995		EP
SA	0355	250 - SCT	20			110	60	33	15	02		995	002 1008 55 RADAT 36114	HS
SA	0452	250 - SCT	20			115	57	32	13	04		996		HS
SA	0552	250 - SCT	20			123	55	32	07	08		997		HS
SA	0650	250 - SCT	20			130	59	33	03	12		998	210 1001	HS
SA	0754	250 - SCT	20			133	65	35	11	02		999		HS
SA	0850	CLR	20			136	67	34	01	07		000		HS
SA	0953	CLR	20			131	71	32	04	08		999	003 1001 53	HS
SA	1052	250 - SCT	20			124	73	33	35	04		998		HS
SA	1154	250 - SCT	20			110	77	35	19	03		995		HS
SA	1253	250 - SCT	20			109	78	32	25	06		994	615 1004	HS
SA	1352	250 - SCT	20			097	81	32	29	04		992		HS
SA	1450	250 - SCT	20			092	80	30	07	03		990	CU SE	HS
SA	1555	250 - SCT	20			089	80	30	20	11		988	617 1001 82 RADAT 24123	EP
SA	1651	250 - SCT	20			091	78	30	23	08		988		EP
SA	1751	250 - SCT	20			093	75	30	26	04		988		EP
SA	1852	250 - SCT	20			100	65	30	03	03		990	303 1001	EP
SA	1952	CLR	20			104	63	30	05	02		991		EP
SA	2051	CLR	20			112	58	31	05	01		993		EP
SA	2153	CLR	20			109	56	31	03	05		993	110 82	EP
SA	2252	CLR	20			112	57	29	09	04		994		EP
SA	2352	CLR	20			112	52	30	00	00		994		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 5 APR 1985

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 54	26.540	60.5	46.0	31	3	3	CS	250												0	2	.030			00-01
01 52	26.540	61.0	46.0	32	1															0					01-02
02 51	26.550	60.0	46.0	33	1															0					02-03
03 55	26.545	60.4	46.8	35	1	1	CS	250												0	0	.005			03-04
04 52	26.550	57.2	45.1	38	1															0					04-05
05 52	26.565	55.4	44.3	41	1															0					05-06
06 50	26.575	58.9	46.2	37	1	1	CI	250												0	2	.030			06-07
07 54	26.585	65.0	49.8	33	2															0					07-08
08 50	26.595	66.8	50.1	29	0															0					08-09
09 53	26.585	71.3	51.5	24	0	0	CI	250												0	0	.010			09-10
10 52	26.575	72.9	52.2	23	1															0					10-11
11 54	26.545	77.1	54.6	22	3															0					11-12
12 53	26.540	78.3	54.3	19	2	2	CI	250												0	6	.045			12-13
13 52	26.515	81.0	55.2	17	2															0					13-14
14 50	26.500	79.9	54.3	16	3															0					14-15
15 55	26.490	79.6	54.2	16	5	5	CI	250												0	6	.050			15-16
16 51	26.490	77.8	53.4	17	3															0					16-17
17 51	26.490	74.7	52.2	19	2															0					17-18
18 52	26.500	64.6	47.9	27	1	1	CI	250												0	3	.010			18-19
19 52	26.515	62.8	47.0	29	0															0					19-20
20 51	26.530	57.6	45.1	37	0															0					20-21
21 53	26.530	55.8	44.2	39	0															0	1	.030			21-22
22 52	26.540	56.8	44.1	35	0															0					22-23
23 52	26.540	52.4	42.2	42	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		62	55										
	0351	1	0	0	0	62	55		0								
	0949	2	0	0	0	72	53		0								
	1551	3	0	0	0	82	71		0								
	2150	4	0	0	0	80	55		0								
	MID.		0	0	0	57	52										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.585	26.490	26.530
BAROGRAPH 64	26.540	26.585	26.470	26.500
BAR. CORR. 65	+.005	* 0	+.020	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	52	0	0	0	19	E	0030					2	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0900P ± 0 Sec./ 2030 ± 0 Sec./ ± Sec.

*BAROGRAPH CHANGED

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 6 APR 1985

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)	OBS. INITIALS (15)
SA	0053	CLR	20			112	51	31	00	00		994	103	EP
SA	0152	CLR	20			110	53	30	00	00		994		EP
SA	0250	~~CLR~~ 250-SCT	20			111	54	31	00	00		994		EP
SA	0351	250-SCT	20			110	52	31	10	05		994	802 1001 48 RADAT 40118	HS
SA	0453	250-SCT	20			115	53	32	12	05		996		HS
SA	0550	250-SCT	20			129	52	33	13	04		999		HS
SA	0650	250-SCT	20			137	55	37	00	00		000	119 1001	HS
SA	0751	250-SCT	20			134	67	33	04	09		000		HS
SA	0852	CLR	20			138	71	34	04	12		002		HS
SA	0953	CLR	20			137	76	32	35	02		002	CU SE 105 1100 48	HS
SA	1052	CLR	20			133	78	32	12	03		001	CU SE	HS
SA	1152	CLR	20			130	78	32	22	02		999	CU SE NW	HS
SA	1251	CLR	20			121	83	33	15	02		999	CU SE NW 812 1100	HS
SA	1351	CLR	20			115	84	35	00	00		996	CU ALQDS	HS
SA	1452	CLR	20			111	84	34	25	07		996	CU ALQDS	HS
SA	1555	CLR	20			114	83	32	25	08		996	807 ~~1807~~ 1100 86 RADAT 46119	EP
SA	1652	CLR	20			114	82	30	22	08		996	FEW CU	EP
SA	1751	CLR	20			116	78	31	24	04		996	FEW CU	EP
SA	1853	CLR	20			125	66	32	03	03		996	303	EP
SA	1952	CLR	20			128	63	31	08	04		998		EP
SA	2051	CLR	20			133	63	29	10	03		001		EP
SA	2151	CLR	20			132	61	30	09	03		001	114 86	EP
SA	2251	CLR	20			136	57	32	00	00		002		EP
SA	2352	CLR	20			139	58	30	02	06		003		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-784-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 6 APR 1985

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 53	26.540	50.8	41.7	46	0															0	1	.010			00-01
01 52	26.540	52.7	42.2	41	0															0					01-02
02 50	26.540	53.5	43.0	42	2															0					02-03
03 51	26.535	52.0	42.2	44	1	1	Ci	250												0	8	.005			03-04
04 53	26.550	53.0	43.2	45	2															0					04-05
05 50	26.580	51.9	42.8	48	2															0					05-06
06 50	26.590	55.4	46.0	49	2	2	Ci	250												0	1	.055			06-07
07 51	26.595	67.0	49.8	28	1															0					07-08
08 52	26.605	71.3	52.1	26	0															0					08-09
09 53	26.605	75.6	53.1	20	0	0	Cu	90												0	1	.015			09-10
10 52	26.600	77.8	54.1	19	0															0					10-11
11 52	26.585	78.3	54.1	18	0															0					11-12
12 51	26.570	82.8	56.1	16	0	0	Cu	90												0	8	.035			12-13
13 51	26.555	83.6	57.0	17	0															0					13-14
14 52	26.550	84.1	57.0	17	0															0					14-15
15 55	26.550	83.0	55.9	16	0	0	Cu	80												0	6	.020			15-16
16 52	26.550	82.1	55.2	15	0															0					16-17
17 51	26.550	78.0	53.1	18	0															0					17-18
18 53	26.560	66.0	49.0	28	0															0	3	.010			18-19
19 52	26.580	62.6	47.2	30	0															0					19-20
20 51	26.600	62.8	46.7	27	0															0					20-21
21 51	26.600	61.2	46.2	30	0															0	1	.040			21-22
22 51	26.610	56.5	44.7	39	0															0					22-23
23 52	26.620	57.5	44.6	35	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	54	48	X	X						X		
	0347	1	0	0	0	57	48		0								
	0949	2	0	0	0	76	48		0								
	1550	3	0	0	0	86	76		0								
	2149	4	0	0	0	85	61		0								
	MID.	X	0	0	0	61	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.535	26.605	26.550	26.600
BAROGRAPH 64	26.520	26.595	26.525	26.570
BAR. CORR. 65	+.015	+.010	+.025	+.030

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
86	48	0	0	0	16	NE	0801					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-CLOCK AT: 0900P ±0 Sec./ 2130 ±0 Sec./ ± Sec.

0250/0250 1555/1555

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 7 APR 1985

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	0054	CLR	20			140	55	31	10	02		003	108	EP
SA	0152	CLR	20			144	54	31	07	02		004		EP
SA	0258	CLR	20			143	54	33	00	00		004		EP
SA	0357	CLR	20			148	52	32	12	05		005	305 50 RADAT 48118	RD
SA	0453	CLR	20			152	51	33	36	03		006		RD
SA	0554	CLR	20			161	50	32	00	00		008		RD
SA	0654	CLR	20			166	60	35	00	00		010	2-14	RD
SA	0750	CLR	20			190	64	34	00	00		011		RD
SA	0850	CLR	20			172	72	35	00	00		012		RD
SA	0950	CLR	20			172	77	34	00	00		013	108 1101 47	RD
SA	1052	70 SCT	20			165	81	39	34	03		011		RD
SA	1153	70 SCT	20			159	82	34	19	05		009		RD
SA	1252	70 SCT	20			156	83	35	00	00		008	714 1100	RD
SA	1350	70 SCT	20			146	85	35	04	03		005		RD
SA	1450	70 SCT	20			146	85	36	00	00		005		RD
SA	1552	70 SCT	20			138	84	33	23	07		003	717 1100 86 RADAT 43118	SEA
SA	1656	70 SCT	20			133	82	31	00	00		002		SEA
SA	1749	70 SCT 250 SCT	20			137	79	33	27	05		002		SEA
SA	1852	CLR	20			141	71	31	25	08		003	FEW CU/CI/ 500 1102	SEA
SA	1952	CLR	20			145	65	27	09	04		004		SEA
SA	2054	CLR	20			146	64	29	09	04		005		SEA
SA	2151	CLR	20			146	58	30	00	00		005	107 86	SEA
SA	2255	CLR	20			149	56	30	04	02		006		SEA
SA	2351	CLR	20			150	58	30	12	04		007		SEA

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 7 APR 1985

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 54	26.625	55.2	43.8	39	0															0	1	.025			00-01
01 52	26.630	53.7	43.0	41	0															0					01-02
02 58	26.630	54.0	43.8	44	0															0					02-03
03 57	26.640	52.0	42.6	46	0															0	3	.015			03-04
04 53	26.645	51.3	42.0	49	0															0					04-05
05 54	26.665	50.0	41.6	50	0															0					05-06
06 54	26.680	59.8	47.4	40	0															0	2	.040			06-07
07 50	26.690	64.2	49.1	33	0															0					07-08
08 50	26.700	71.8	52.6	26	0															0					08-09
09 50	26.700	76.7	54.1	21	0	0	Cu	70	0	Cl	250	0								0	1	.020			09-10
10 52	26.690	81.4	57.5	22	1															1					10-11
11 53	26.675	81.7	56.0	18	1															1					11-12
12 52	26.665	83.4	57.0	18	1	1	Cu	70												1	7	.040			12-13
13 50	26.640	84.5	57.4	17	2															2					13-14
14 50	26.640	85.0	58.0	18	2															2					14-15
15 52	26.615	88.8	56.7	16	1	1	Cu	70												1	7	.050			15-16
16 56	26.600	82.4	55.6	16	1															1					16-17
17 49	26.605	78.9	54.8	19	1															1					17-18
18 52	26.615	70.6	50.8	23	0	0	Cu	70	0	Cl	250	0								0	5	.000			18-19
19 52	26.625	65.0	47.2	24	0															0					19-20
20 54	26.635	63.5	47.0	27	0															0					20-21
21 51	26.635	58.0	45.0	35	0															0	1	.020			21-22
22 55	26.645	56.0	43.8	36	0															0					22-23
23 51	26.650	58.3	45.0	34	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		58	50										
	0349	3	0	0	0	61	50		0								
	0945	2	0	0	0	77	47		0								
	1548	3	0	0	0	86	77		0								
	2148	*	0	0	0	84	58		0								
	MID.		0	0	0	58	55										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0949	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.665	26.615	26.635
BAROGRAPH 64	26.610	26.635	26.585	26.620
BAR. CORR. 65	+.030	+.030	+.020	+.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 TD (Ins.) 69	4AM 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
86	47	0	0	0	16	SW	1226					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0750 ± 0 Sec./ 2304P 00 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 8 APR 1985

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)	OB. SERVER'S INITIALS (15)
SA	0054	CLR	20			146	56	28	02	04		006	002	SEA
SA	0153	CLR	20			146	55	29	10	04		006		SEA
SA	0252	250-SCT	20			147	52	29	07	05		006		SEA
SA	0353	250 - SCT	20			150	51	31	00	00		006	302 1001 49 RADAT 43118	RD
SA	0455	250 - SCT	20			155	50	30	00	00		007		RD
SA	0550	250 - BKN	20			158	50	31	00	00		008		RD
SA	0653	250 - BKN	20			166	59	32	32	03		010	212 1008	RD
SA	0750	250 - BKN	20			166	65	33	00	00		010		RD
SA	0851	250 - BKN	20			164	72	33	00	00		010		RD
SA	0951	250 - BKN	20			160	79	33	25	03		009	802 1108 48	RD
SA	1050	250 - SCT	20			157	81	34	24	06		008		RD
SA	1150	250 - SCT	20			149	82	35	23	08		005		RD
SA	1250	250 - SCT	20			143	84	34	22	10		004	915 1101	RD
SA	1350	250 - SCT	20			134	85	33	26	07		002	FEW CU	RD
SA	1450	250 - BKN	20			129	85	31	29	08		000	FEW CU	RD
SA	1557	90 SCT 250 - SCT	20			120	84	31	25	13	G19	998	722 1101 86 RADAT 47119	SEA
SA	1657	250 - SCT	20			118	83	29	24	10		997	FEW CU	SEA
SA	1768	250 - BKN	20			116	79	28	24	08		996	FEW CU	SEA
SA	1848	250 - BKN	20			117	72	30	21	05		997	FEW CU / 503 1101	SEA
SA	1951	250 - SCT	20			122	69	28	00	00		998		SEA
SA	2053	250 - SCT	20			122	63	29	04	03		998		SEA
SA	2155	CLR	20			117	66	28	09	05		998	FEW CI SE / 105 1001 86	SEA
SA	2253	250 - SCT	20			124	61	29	07	03		000		SEA
SA	2353	250 - SCT	20			124	60	28	00	00		000		SEA

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 8 APR 1985

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 54	26.640	56.4	43.6	34	0															0	0	.005			00-01
01 53	26.640	54.9	43.0	36	0															0					01-02
02 52	26.640	52.4	42.0	41	1															0					02-03
03 53	26.645	51.0	41.6	45	1	1	Ci	250												0	3	.005			03-04
04 55	26.650	49.7	41.0	47	3															0					04-05
05 50	26.660	50.3	41.5	47	6															1					05-06
06 53	26.680	58.7	46.0	35	7	7	Cs	250												1	2	.035			06-07
07 50	26.680	65.0	49.0	30	6															1					07-08
08 51	26.680	72.4	52.0	23	6															0					08-09
09 51	26.675	78.5	54.4	19	7	0	Cu	70	7	Cs	250	7								1	8	.005			09-10
10 50	26.665	80.8	55.4	19	5															0					10-11
11 50	26.670	82.1	56.3	18	3															0					11-12
12 50	26.630	83.9	56.8	17	3	0	Cu	70	3	Ci	250	3								0	7	.045			12-13
13 50	26.605	84.8	57.0	16	3															0					13-14
14 50	26.580	84.7	56.5	15	6															0					14-15
15 59	26.565	84.0	56.0	14	5	1	Cu	90	5	Ci	250	5								1	7	.065			15-16
16 57	26.555	82.5	55.0	14	4															0					16-17
17 58	26.550	78.7	53.4	16	6															0					17-18
18 48	26.555	71.8	51.0	21	6	0	Cu	90	6	Ci	250	6								1	5	.010			18-19
19 51	26.570	68.6	49.1	22	3															0					19-20
20 53	26.570	63.0	46.8	27	1															0					20-21
21 55	26.570	65.8	47.9	24	0	0	Ci	250												0	1	.015			21-22
22 53	26.585	61.4	46.0	29	1															0					22-23
23 53	26.585	60.0	45.2	29	5															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		58	49										
	0347	1	0	0	0	58	49		0								
	0947	2	0	0	0	79	48		0								
	1552	3	0	0	0	86	79		0								
	2151	4	0	0	0	86	62		0								
	MID.		0	0	0	66	60										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0950	1559	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.645	26.675	26.565	26.570
BAROGRAPH 64	26.620	26.660	26.545	26.550
BAR. CORR. 65	+.025	+.015	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM 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
86	48	0	0	0	19	W	1706 W					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 - CLOCK AT: 0810 ± 0 Sec./ 1840P 0 Sec./ ± Sec.

W SECOND OF TWO OCCURRANCES

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. U.S. G.P.O. 1982-564-008/1124

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 9 APR 1985

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. INITIALS (15)
SA	0053	250-SCT	20			~~119~~ 118	57	29	04	02		998	000 1001	SEA
SA	0155	250-SCT	20			122	53	29	03	02		999		SEA
SA	0254	250-SCT	20			120	53	29	00	00		998		SEA
SA	0356	250-SCT	20			124	51	29	00	00		999	202 1001 50 RADAT 1/3119	SEA
SA	0451	250-SCT	20			129	52	30	10	03		000		RD
SA	0553	250-SCT	20			136	52	30	10	03		001		RD
SA	0650	250-SCT	20			141	58	31	00	00		003	214 1001	RD
SA	0750	250-SCT	20			142	65	31	00	00		003		RD
SA	0850	250-SCT	20			142	74	32	22	03		004		RD
SA	0953	CLR	20			139	76	32	24	03		003	002 1101 49	RD
SA	1058	CLR	20			129	80	31	24	05		000		RD
SA	1150	CLR	20			125	82	33	25	13		999		RD
SA	1252	CLR	20			117	83	33	25	07		999	719 1100	RD
SA	1350	CLR	20			108	85	32	23	04	614	994		RD
SA	1450	CLR	20			100	85	29	22	10		992		RD
SA	1554	CLR	20			092	84	26	22	12	617	990	FEW CU/ 724 1100 86	SEA
/	/											/	RADAT 23092	/
SA	1652	CLR	20			090	82	22	25	07	617	989	FEW CU	SEA
SA	1753	CLR	20			090	78	22	22	09		988	FEW CU	SEA
SA	1852	CLR	20			093	72	23	12	04		989	FEW CU/ ~~500~~ 502 1100	SEA
SA	1953	CLR	20			096	67	24	09	03		991		SEA
SA	2055	CLR	20			096	64	24	10	04		992		SEA
SA	2155	CLR	20			099	60	25	12	03		992	108 86	SEA
SA	2256	CLR	20			092	66	21	08	03		992		SEA
SA	2355	CLR	20			096	58	23	08	04		992		SEA

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 9 APR 1985

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 ▷HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.570	57.0	44.0	34	3	3	Ci	250												0	0	.000			00-01
01 55	26.575	52.5	42.0	41	3															0					01-02
02 54	26.570	53.3	42.4	40	2															0					02-03
03 56	26.575	50.5	41.0	44	5	5	Ci	250												0	2	.005			03-04
04 51	26.590	52.0	42.0	43	2															0					04-05
05 53	26.660	52.0	42.1	43	2															0					05-06
06 50	26.615	59.8	45.0	36	2	2	Ci	250												0	2	.040			06-07
07 50	26.620	64.8	48.3	28	2															0					07-08
08 50	26.625	73.6	52.3	22	1															0					08-09
09 53	26.620	75.6	53.1	20	0	0	Cu	80	0	Ci	250	0								0	0	.005			09-10
10 58	26.595	79.6	54.5	17	0															0					10-11
11 50	26.585	82.3	56.0	17	0															0					11-12
12 52	26.565	82.5	56.1	17	0	0	Cu	80												0	7	.055			12-13
13 50	26.540	85.0	56.8	15	0															0					13-14
14 50	26.520	84.6	55.7	13	0															0					14-15
15 54	26.495	84.2	55.0	12	0	0	Cu	80												0	7	.070			15-16
16 52	26.490	81.8	53.2	11	0															0					16-17
17 53	26.480	78.0	51.6	12	0															0					17-18
18 52	26.490	71.5	49.0	16	0	0	Cu	80												0	5	.005			18-19
19 53	26.500	66.5	47.0	20	0															0					19-20
20 55	26.510	64.0	46.0	22	0															0					20-21
21 55	26.515	60.0	44.4	26	0															0	1	.025			21-22
22 56	26.510	66.0	46.2	18	0															0					22-23
23 55	26.510	58.0	42.8	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0354	X	0	0	X	60	50	X	X						X		
	0354	1	0	0	0	66	50		0								
	0949	2	0	0	0	76	49		0								
	1548	3	0	0	0	86	76		0								
	2151	4	0	0	0	84	59		0								
	MID.	X	0	0	0	66	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0949	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.575	26.620	26.495	26.515
BAROGRAPH 64	26.550	26.620	26.505	26.515
BAR. CORR. 65	+.025	+0	-.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 UNML TO (Ins.) 69	4AM 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
86	49	0	0	0	23	W	1305					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 UNOBSERVED 1-MINUTE WIND SPEED ____ M.P.H. OR FASTEST MILE ____ M.P.H. ASSOCIATED DIRECTION ____ TIME ____

TIME CHECK - CLOCK AT: 0805 ± 0 Sec./ 2330P 0 Sec./ ± Sec.

0053/0053 SLP IS 119

CHANGED AND RESET MICROGRAPH TO ZERO AT 0949

1852/1852

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 10 APR 1985

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)	OBS. INITIALS (15)
SA	0054	CLR	20			096	58	22	03	03		992	602	SEA
SA	0157	CLR	20			095	54	23	33	04		991		SEA
SA	0253	CLR	20			093	56	21	04	10		990		SEA
SA	0335	CLR	20			100	54	23	01	08		992	303 54 RADAT 23116	CG
SA	0457	CLR	20			107	51	25	32	03		993		CG
SA	0557	CLR	20			113	52	30	08	02		994		CG
SA	0652	CLR	20			120	57	32	25	02		996	214	CG
SA	0753	CLR	20			120	65	34	36	01		996		CG
SA	0853	CLR	20			122	72	28	11	02		997		CG
SA	0952	CLR	20			122	74	31	25	03		997	103 48	CG
SA	1055	CLR	20			118	76	31	28	07		997		CG
SA	1157	CLR	20			112	80	30	25	10		995		CG
SA	1258	CLR	20			100	82	25	24	15		992	817	CG
SA	1358	CLR	20			093	84	20	25	14	627	990		CG
SA	1451	250-SCT	20			085	84	22	21	12		987		CG
SA	1555	250-BKN	20			087	81	25	22	13	621	988	614 1001 85 RADAT 21123	SEA
SA	1653	250-BKN	20			086	80	25	23	12	619	987		SEA
SA	1748	250-SCT	20			090	77	24	20	10		988		SEA
SA	1852	250 SCT	20			092	67	27	08	03		988	500 1002	SEA
SA	1954	250 SCT	20			095	65	27	04	03		990		SEA
SA	2057	250 SCT	20			090	66	25	10	05		989		SEA
SA	2155	250 SCT	20			100	59	25	01	07		992	210 1002 85	SEA
SA	2251	250 SCT	20			089	69	25	05	04		990		SEA
SA	2354	250 SCT	20			093	63	26	00	00		991		SEA

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: $IIiii\ i_R i_x hVV\ Nddff\ 1s_nTTT\ 2s_nT_dT_dT_d\ 3P_oP_oP_oP_o\ 4PPPP\ 5appp\ 6RRRt_R\ 7wwW_1W_2\ 8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 10 APR 1985

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 54	26.510	57.7	42.5	25	0															0	6	.005			00-01
01 57	26.505	54.0	41.0	30	0															0					01-02
02 53	26.500	55.5	41.2	26	0															0					02-03
03 55	26.520	54.0	41.0	30	0															0	3	.010			03-04
04 59	26.530	51.3	40.0	35	0															0					04-05
05 57	26.590	51.8	42.0	44	0															0					05-06
06 52	26.560	57.0	45.0	38	0															0	2	.040			06-07
07 53	26.560	64.5	49.1	32	0															0					07-08
08 53	26.570	71.7	50.5	20	0															0					08-09
09 52	26.570	73.8	52.1	21	0															0	1	.010			09-10
10 55	26.570	76.3	53.2	19	0															0					10-11
11 57	26.550	79.5	54.0	16	0															0					11-12
12 56	26.520	81.8	53.4	12	0															0	8	.050			12-13
13 58	26.500	83.9	53.6	9	0															0					13-14
14 51	26.480	84.0	54.0	10	3															0					14-15
15 56	26.480	81.3	53.6	13	7	7	CI	250												1	6	.040			15-16
16 53	26.470	80.0	53.0	13	8															1					16-17
17 48	26.480	76.7	51.4	14	4															2					17-18
18 52	26.480	67.0	48.2	22	3	3	CI	250												2	5	.000			18-19
19 54	26.495	64.6	46.9	23	1															1					19-20
20 57	26.490	65.5	46.8	21	2															1					20-21
21 55	26.510	58.9	48.9	27	1	1	CI	250												1	2	.030			21-22
22 51	26.500	68.8	48.4	19	1															1					22-23
23 54	26.505	62.9	46.0	24	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		58	54										
	0850	1	0	0	0	66	54		0								
	0948	2	0	0	0	74	48		0								
	1549	3	0	0	0	85	74		0								
	2150	4	0	0	0	82	58		0								
	MID.		0	0	0	69	59										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0952	1555	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.570	26.480	26.570
BAROGRAPH 64	26.520	26.570	26.480	26.505
BAR. CORR. 65	0	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 UNMLTD (Ins.) 69	4AM 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	48	0	0	0	27	W	1351					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 (MINUTE MIND SPEED) M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0605P 00 Sec./ 2357P 00 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 11 APR 1985

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 53	26.510	57.0	43.5	31	2	2	Ci	250												1	5	.000			00-01
01 52	26.505	58.0	43.8	30	0															0					01-02
02 59	26.510	56.4	43.0	31	0															0					02-03
03 54	26.540	58.0	44.4	32	0															0	3	.030			03-04
04 59	26.580	57.0	44.5	36	0															0					04-05
05 53	26.580	54.6	44.0	42	0															0					05-06
06 54	26.600	63.8	50.1	38	0	0	Ci	250												0	2	.060			06-07
07 51	26.620	67.6	51.5	32	1															1					07-08
08 53	26.640	70.6	53.1	31	5															3					08-09
09 56	26.640	73.0	54.0	28	8	8	Cs	E250												7	1	.040			09-10
10 53	26.640	73.2	54.0	28	10															8					10-11
11 53	26.630	75.5	54.2	24	9															8					11-12
12 56	26.620	76.4	54.2	22	7	7	Cs	E250												6	8	.020			12-13
13 55	26.610	80.2	56.0	20	5															3					13-14
14 52	26.600	82.0	55.0	15	5															2					14-15
15 55	26.600	80.2	54.4	16	8	8	Ci	250												3	6	.020			15-16
16 56	26.590	78.5	54.1	18	8															3					16-17
17 57	26.595	73.4	51.6	20	8															6					17-18
18 55	26.600	66.4	49.0	27	8	8	Ci	250												7	5	.000			18-19
19 58	26.620	62.8	46.7	27	5															2					19-20
20 54	26.630	61.4	46.3	30	4															1					20-21
21 47	26.630	58.9	45.2	33	7	7	Ci	250												3	1	.030			21-22
22 46	26.650	59.2	45.4	33	7															3					22-23
23 50	26.660	54.0	42.6	38	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	63	55	X	X						X		
	0349	1	0	0	0	69	55		0								
	0951	2	0	0	0	73	54		0								
	1550	3	0	0	0	82	73		0								
	2140	4	0	0	0	80	59		0								
	MID	X	0	0	0	61	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0956	1554	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.640	26.600	26.650
BAROGRAPH 64	26.535	26.640	26.590	26.645
BAR. CORR. 65	+.005	0	+.010	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	53	0	0	0	15	W	1242					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0710P ⊕ Sec./ 1715P ⊖ 0 Sec./ ± Sec.

0459P/0459P 1256P/APP 807/0836P 4-17

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 11 APR 1985

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 (13b)
SA	0053	250-SCT	20			086	57	27	36	03		992	500 1001	SEA
SA	0152	CLR	20			093	58	27	03	07		991	FEW CI SE	SEA
SA	0259	CLR	20			100	56	26	01	09		993		SEA
SA	0354	CLR	20			108	58	28	32	06		995	310 55 RADAT 24118	SEA
SA	0454	CLR	20			116	57	30	35	05		996		CG
SA	0553	CLR	20			127	55	32	04	08		998		CG
SA	0654	CLR	20			135	64	58	31	05		001	220 1001	CG
SA	0751	250 SCT	20			143	68	37	27	02		003		CG
SA	0853	250 SCT	20			148	71	38	27	06		005		CG
SA	0956	E250 BKN	20			150	73	38	25	05		005	114 1008 54	CG
SA	1053	E250 OVC	20			145	73	38	23	09		005		CG
SA	1153	E250 BKN	20			143	76	36	26	08		004	S	CG
SA	1256	E250 BKN	20			142	76	35	22	08		003	307 1008	CG
SA	1353	250 SCT	20			138	80	36	19	07		002		CG
SA	1452	250-SCT	20			131	82	30	29	03		001		CG
SA	1555	250-BKN	20			131	80	30	24	08		001	607 1006 82 RADAT 20124	CG
SA	1656	250-BKN	20			128	79	31	23	08		999		CG
SA	1751	G250 BKN	20			134	73	30	26	06		000		CG
SA	1855	G250 BKN	20			136	66	31	01	06		000	500 1006	CG
SA	1958	250-SCT	20			143	63	29	05	05		003		CG
SA	2054	250-SCT	20			146	61	30	14	04		004		CG
SA	2147	250-BKN	20			146	59	30	11	05		004	110 1006 82	CG
SA	2246	250-BKN	20			155	59	30	07	02		006		CG
SA	2350	250-SCT	20			159	54	29	07	04		007		CG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-62) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: VISMO, DESERT ROCK, NV

DATE: 1985 APR 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. INITIALS (16)
SA	0053	250 - SCT	20			158	54	28	12	06		007	110 1001	CG
SA	0154	250 - SCT	20			156	57	27	03	05		008		CG
SA	0249	250 - SCT	20			163	55	27	07	03		010		CG
SA	0355	CLR	20			166	58	21	36	02		011	310 53 RADAT 35115	CG
SA	0456	CLR	20			169	59	25	03	09		012		CG
SA	0552	CLR	20			178	61	22	04	13		014		CG
SA	0652	CLR	20			188	64	23	04	15		016	217	CG
SA	0753	CLR	20			188	68	22	05	15		016		CG
SA	0855	CLR	20			195	72	26	05	13		018		CG
SA	0953	CLR	20			194	76	30	03	10		018	107 1001 53	CG
SA	1054	CLR	20			192	80	29	34	03		018		CG
SA	1152	CLR	20			185	82	26	15	09		016		CG
SA	1254	CLR	20			182	84	30	17	08		015	810 1001	CG
SA	1352	CLR	20			176	85	31	11	08		014		CG
SA	1450	CLR	20			169	85	31	06	03		012		CG
SA	1552	250 - BKN	20			163	84	29	03	09		011	815 1001 87 RADAT 38119	HS
SA	1654	250 - BKN	20			159	83	30	02	07		010		HS
SA	1752	250 - BKN	20			158	81	28	06	04		009		HS
SA	1852	250 - BKN	20			163	74	26	15	03		011	500 1001	HS
SA	1950	CLR	20			173	66	28	35	02		013		HS
SA	2050	CLR	20			179	66	29	11	03		015		HS
SA	2150	CLR	20			181	62	27	05	03		015	115 87	HS
SA	2252	CLR	20			180	64	25	00	00		016		HS
SA	2352	CLR	20			185	60	27	11	05		017		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 APR 12

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 53	26.660	53.5	42.0	37	2	2	ci	250												1	1	.030			00-01
01 54	26.665	51.6	43.3	32	2															1					01-02
02 49	26.680	54.6	42.4	35	2															1					02-03
03 55	26.690	57.5	42.0	24	0															0	3	.030			03-04
04 56	26.700	59.2	44.0	27	0															0					04-05
05 52	26.720	61.0	44.0	22	0															0					05-06
06 52	26.740	64.2	45.8	21	0															0	2	.050			06-07
07 53	26.740	67.9	47.4	18	0															0					07-08
08 55	26.760	71.9	50.0	18	0															0					08-09
09 53	26.760	75.9	52.7	19	0	0	Ci	250												0	1	.020			09-10
10 54	26.760	79.8	54.0	16	0															0					10-11
11 52	26.740	82.0	54.0	13	0															0					11-12
12 54	26.730	83.6	53.4	14	0	0	Ci	250												0	8	.030			12-13
13 52	26.720	84.9	52.8	15	0															0					13-14
14 50	26.700	84.7	56.4	14	0															0					14-15
15 52	26.685	83.8	55.5	14	6	6	Ci	250												0	8	.045			15-16
16 54	26.680	83.3	55.7	15	8															0					16-17
17 52	26.675	80.6	54.1	15	7															0					17-18
18 52	26.685	73.7	50.7	17	6	6	Ci	250												0	5	.000			18-19
19 50	26.705	66.4	48.1	24	0															0					19-20
20 50	26.725	65.6	48.0	25	0															0					20-21
21 50	26.730	62.1	45.9	26	0															0	1	.045			21-22
22 52	26.735	64.1	46.3	23	0															0					22-23
23 52	26.745	60.2	45.0	28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0850	X	0	0	X	58	53	X	X						X		
	0850	1	0	0	0	60	53		0								
	0949	2	0	0	0	76	58		0								
	1548	3	0	0	0	87	76		0								
	2146	4	0	0	0	86	59		0								
	MID	X	0	0	0	65	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.760	26.685	26.730
BAROGRAPH 64	26.690	26.770	26.695	26.740
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	53	0	0	0	21	E	0608					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 - CLOCK AT: 0816P ⊖ 0 Sec./ 1900P ⊕ 0 Sec./ ± Sec.

1352P/1450P

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 13 APR 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's of Deg.) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORTER INITIALS (15)
SA	0051	CLR	20			184	59	26	13	03		017	105	HS
SA	0150	CLR	20			181	66	23	04	09		017		HS
SA	0250	CLR	20			187	64	23	05	10		018		HS
SA	0359	CLR	20			197	60	27	06	03		021	312 57 RADAT 31121	CG
SA	0457	CLR	20			199	64	25	05	07		022		CG
SA	0552	CLR	20			207	59	25	06	04		023		CG
SA	0651	CLR	20			211	55	30	09	06		024	210	CG
SA	0752	CLR	20			216	69	30	05	10		025		CG
SA	0852	CLR	20			215	73	32	04	10		025		CG
SA	0950	CLR	20			211	79	31	04	11		024	000 57	CG
SA	1052	CLR	20			202	80	29	04	05		022		CG
SA	1151	CLR	20			193	83	26	06	05		019		CG
SA	1254	CLR	20			187	83	26	04	11		017	720	CG
SA	1353	CLR	20			170	84	29	04	07		014		CG
SA	1450	CLR	20			160	85	29	38	09		011		CG
SA	1550	CLR	20			157	84	33	34	04		010	725 87 RADAT 22133	HS
SA	1655	CLR	20			150	84	33	06	08		008		HS
SA	1753	CLR	20			149	81	29	12	06		006		HS
SA	1852	CLR	20			152	74	29	11	06		007	507	HS
SA	1950	CLR	20			157	71	27	07	06		009		HS
SA	2052	CLR	20			160	64	29	29	03		009		HS
SA	2150	CLR	20			156	67	20	00	00		009	107 87	HS
SA	2252	CLR	20			154	65	28	06	03		009		HS
SA	2350	CLR	20			151	61	29	33	02		008		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 13 APR 1985

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 51	26.745	58.9	44.0	28	0															0	1	.015			00-01
01 50	26.750	66.0	46.5	19	0															0					01-02
02 50	26.760	64.1	45.7	21	0															0					02-03
03 59	26.780	60.0	45.0	29	0															0	3	.035			03-04
04 57	26.790	63.8	48.2	23	0															0					04-05
05 52	26.800	59.2	44.0	27	0															0					05-06
06 51	26.810	65.4	48.1	26	0															0	2	.030			06-07
07 52	26.820	69.2	50.0	23	0															0					07-08
08 52	26.820	73.3	52.1	21	0															0					08-09
09 50	26.810	78.5	54.0	18	0															0	0	.000			09-10
10 52	26.790	80.0	54.0	15	0															0					10-11
11 51	26.770	82.5	54.3	13	0															0					11-12
12 54	26.750	83.1	54.5	12	0															0	7	.060			12-13
13 53	26.720	84.0	55.7	14	0															0					13-14
14 50	26.690	85.2	56.0	13	0															0					14-15
15 50	26.675	84.2	56.7	16	0															0	7	.075			15-16
16 55	26.660	83.5	56.4	16	0															0					16-17
17 53	26.645	80.9	54.3	15	0															0					17-18
18 52	26.655	74.0	51.5	19	0															0	5	.020			18-19
19 50	26.670	71.4	50.1	19	0															0					19-20
20 52	26.675	64.0	47.4	27	0															0					20-21
21 50	26.675	66.7	46.2	16	0															0	1	.020			21-22
22 52	26.670	65.4	47.6	24	0															0					22-23
23 50	26.660	61.4	46.0	29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0851		0	0		66	58										
	0851	1	0	0	0	66	57		0								
	0947	2	0	0	0	79	57		0								
	1546	3	0	0	0	87	78		0								
	2146	4	0	0	0	85	61		0								
	MID.		0	0	0	67	59										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0859	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.780	26.675	26.675
BAROGRAPH 64	26.780	26.780	26.680	26.680
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 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
87	57	0	0	0	20	NE	1324					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—CLOCK AT: 0633P ⊘ Sec./ 1823P ⊘ Sec./ ± Sec.

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 14 APR 1985

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's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			152	57	28	13	02		007	707	HS
SA	0150	CLR	20			149	58	26	00	00		007		HS
SA	0250	CLR	20			146	54	33	07	04		005		HS
SA	0353	CLR	20			148	58	30	08	02		007	502 53 RADAT 20132	JC
SA	0454	CLR	20			154	57	30	06	07		008		JC
SA	0555	CLR	20			156	61	33	03	06		009		JC
SA	0652	CLR	20			156	68	34	03	05		009	107	JC
SA	0754	CLR	20			157	74	36	04	08		008		JC
SA	0853	CLR	20			152	79	42	02	04		008		JC
SA	0953	CLR	20			145	81	36	13	09		007	707 53	JC
SA	1054	CLR	20			137	84	37	16	03		004		JC
SA	1153	CLR	20			128	85	35	18	05		001		JC
SA	1254	CLR	20			122	87	35	30	07		999	724	JC
SA	1353	CLR	20			112	88	38	23	06		997		JC
SA	1450	CLR	20			106	88	33	23	10		994		JC
SA	1556	CLR	20			097	87	30	30	03		992	720 90 RADAT 20127	CRD
SA	1656	CLR	20			094	86	28	27	10		991		CRD
SA	1754	CLR	20			087	82	28	26	05		988		CRD
SA	1854	CLR	20			097	72	29	14	02		991	503	CRD
SA	1953	CLR	20			100	68	24	00	00		992		CRD
SA	2051	CLR	20			095	71	22	11	07		992		CRD
SA	2153	CLR	20			091	61	24	08	02		990	803 90	CRD
SA	2250	CLR	20			091	61	24	08	02		990		CRD
SA	2350	CLR	20			089	60	24	05	07		990		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 14 [redacted] APR 1985

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	Hrs.
00 52	26.655	56.6	43.6	33	0															0	7	.020			00-01
01 50	26.650	58.3	43.9	29	0															0					01-02
02 50	26.640	53.8	43.9	45	0															0					02-03
03 53	26.650	52.8	44.2	34	0															0	5	.005			03-04
04 54	26.660	56.2	44.2	36	0															0					04-05
05 55	26.670	61.4	42.5	35	0															0					05-06
06 52	26.670	68.2	50.8	29	0															0	1	.020			06-07
07 54	26.660	73.5	53.5	25	0															0					07-08
08 55	26.660	79.0	57.8	22	0															0					08-09
09 53	26.650	81.2	56.6	20	0															0	7	.020			09-10
10 54	26.630	83.8	57.7	19	0															0					10-11
11 55	26.600	84.8	57.6	17	0															0					11-12
12 54	26.580	86.6	58.2	16	0															0	7	.020			12-13
13 55	26.560	87.7	59.6	18	0															0					13-14
14 50	26.540	88.0	58.2	14	0															0					14-15
15 56	26.520	87.3	57.0	12	0															0	7	.060			15-16
16 56	26.510	86.0	56.0	12	0															0					16-17
17 54	26.490	81.9	54.6	14	0															0					17-18
18 54	26.510	71.6	50.5	20	0															0	5	.010			18-19
19 53	26.520	68.3	48.0	19	0															0					19-20
20 51	26.520	71.2	48.8	16	0															0					20-21
21 53	26.500	60.7	44.3	24	0															0	8	.010			21-22
22 50	26.500	60.5	44.4	25	0															0					22-23
23 50	26.500	60.4	44.3	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	61	53	X	X						X		
	0350	1	0	0	0	67	53		0								
	0948	2	0	0	0	83	53		0								
	1550	3	0	0	0	90	81		0								
	2148	4	0	0	0	87	59		0								
	MID.	X	0	0	0	61	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1555	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.660	26.520	26.500
BAROGRAPH 64	26.660	26.690	26.515	26.500
BAR. CORR. 65	-.012	+.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
90	53	0	0	0	16	W	1513					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 - CLOCK AT: 1200P ±0 Sec./ 2000P ±0 Sec./ ± Sec.

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 15 APR 1985

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. METEOROLOGIST (15)
SA	0051	CLR	20			087	58	26	00	00		988	803	CRD
SA	0150	CLR	20			084	53	26	02	05		989		CRD
SA	0250	CLR	20			085	54	27	07	03		989		CRD
SA	0353	CLR	20			084	55	28	08	03		988	603 52 RADAT 29125	JC
SA	0452	CLR	20			088	52	27	11	03		989		JC
SA	0553	250 -SCT	20			090	53	33	12	02		989		JC
SA	0651	250 -SCT	20			095	61	36	00	00		990	207 1001	JC
SA	0754	250 -BKN	20			093	69	36	00	00		990		JC
SA	0855	250 -BKN	20			084	77	36	23	09		989		JC
SA	0953	250 -OVC	20			085	80	34	23	16 G23		988	807 1001 51	JC
SA	1055	250 -OVC	20			080	82	33	23	09 G19		987		JC
SA	1154	250 -OVC	20			072	83	34	21	10 G22		984		JC
SA	1254	250 -OVC	20			066	83	31	21	17 G31		982	817 1001	JC
SA	1353	E250 OVC	20			060	82	30	22	17 G29		980		JC
SA	1450	E250 OVC	20			054	84	21	22	16 G27		979		JC
SA	1557	E250 OVC	20			050	81	19	22	16 G25		977	715 1007 86 RADAT 20127	CRD
SA	1653	E250 OVC	20			051	80	22	18	17 G24		976		CRD
SA	1750	E250 OVC	20			048	77	20	22	12		975		CRD
SA	1855	E250 OVC	20			044	74	18	21	10		975	605 1007	CRD
SA	1950	E250 OVC	20			050	74	18	20	08		977		CRD
SA	2051	E250 OVC	20			051	70	26	26	08		979		CRD
SA	2150	E250 OVC	20			042	69	24	23	13 G21		976	003 1007 86	CRD
SA	2251	E250 OVC	20			045	69	27	23	04		978		CRD
SA	2352	E250 OVC	20			044	67	21	23	10		978		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 15 APR 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.490	57.5	43.3	29	0															0	8	.010			00-01
01 50	26.480	52.8	41.0	34	0															0					01-02
02 52	26.480	53.8	42.0	36	0															0					02-03
03 53	26.480	54.6	42.5	35	0															0	6	.010			03-04
04 52	26.490	51.5	40.7	38	0															0					04-05
05 53	26.490	52.2	43.2	46	1															0					05-06
06 51	26.500	61.4	48.6	39	4	4	Ci	250												0	2	-.020			06-07
07 57	26.500	68.6	51.9	31	7															1					07-08
08 55	26.490	76.5	54.8	23	9															2					08-09
09 53	26.480	80.1	55.4	19	10	10	Ci	250												2	8	.020			09-10
10 53	26.470	81.5	55.6	17	10															3					10-11
11 54	26.450	83.1	56.5	17	10															4					11-12
12 53	26.430	83.3	55.8	15	10	10	Ci	250												3	8	-.050			12-13
13 53	26.410	82.3	55.1	15	10															2					13-14
14 50	26.400	84.4	56.4	15	10															8					14-15
15 57	26.345	81.1	52.3	10	10	10	Cs	E250												8	7	.045			15-16
16 53	26.380	79.7	52.3	12	10															8					16-17
17 50	26.370	77.4	51.0	12	10															9					17-18
18 55	26.370	73.8	49.1	12	10	10	Cs	E250												9	6	.015			18-19
19 50	26.390	74.2	49.3	12	10															6					19-20
20 51	26.400	76.0	49.1	19	10															6					20-21
21 50	26.380	69.4	48.4	18	10	10	Cs	E250												6	0	.010			21-22
22 52	26.390	68.8	48.8	21	10															7					22-23
23 52	26.390	67.4	46.8	17	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0349	X	0	0	X	60	52	X	X						X		
	0349	1	0	0	0	61	52		0								
	0950	2	0	0	0	81	51		0								
	1550	3	0	0	0	86	78		0								
	2146	4	0	0	0	82	68		0								
	MID.	X	0	0	0	69	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1555	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.480	26.345	26.380
BAROGRAPH 64	26.475	26.470	26.380	26.380
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 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
86	51	0	0	0	31	SW	1255					9	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 - CLOCK AT: 1004P 0 Sec./ 2100P ± 0 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 16 APR 1985

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 (Ines.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SEQ. INITIALS (15)
SA	0052	250 -OVC	20			042	66	21	22	10 G 20		976	000 1007	CRD
SA	0154	250 -OVC	20			047	65	23	21	12		977		CRD
SA	0250	250 -OVC	20			050	64	19	17	09		979		CRD
SA	0353	250 -OVC	20			054	61	25	22	03		979	107 1001 60 RAPAT 20124	JC
SA	0453	160 SCT 250 -13KN	20			057	63	18	21	09		980		JC
SA	0555	160 SCT 250 -OVC	20			060	58	20	01	02		980		JC
SA	0653	160 SCT 250 -OVC	20			066	64	24	36	04		982	310 1071	JC
SA	0754	160 SCT 250 -OVC	20			065	68	24	24	13		982		JC
SA	0853	160 SCT E250 OVC	20			070	68	26	24	07		983		JC
SA	0953	160 SCT E250 OVC	20			066	75	33	20	14 G 23		983	203 1072 56	JC
SA	1054	140 SCT E250 OVC	20			068	73	35	21	13 G 24		983		JC
SA	1152	E140 BKN 250 OVC	20			065	75	38	20	15 G 29		982		JC
SA	1251	E140 BKN 250 OVC	20			066	75	35	20	16 G 26		982	203 1072	JC
SA	1358	140 SCT E250 OVC	20			057	76	30	19	14 G 28		980		JC
SA	1460	140 SCT E250 OVC	20			055	76	26	18	20 G 30		979		JC
SA	1559	E250 OVC	20			045	75	23	20	16 G 26		975	720 1002 78 RAPAT 23108	CRD
SA	1650	E 250 BKN	20			041	75	24	19	10 G 28		974		CRD
SA	1752	250 SCT	20			038	71	23	22	10		973		CRD
SA	1850	250 SCT	20			043	68	24	23	10		974	503 1001	CRD
SA	1950	250 SCT	20			051	64	23	16	04		976		CRD
SA	2055	250 SCT	20			056	60	25	17	03		978		CRD
SA	2151	250 SCT	20			058	57	26	22	03		979	214 1001 78	CRD
SA	2257	250 SCT	20			055	58	28	19	06		978		CRD
SA	2352	CLR	20			050	58	33	20	10		976		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-005/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 16 APR 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.380	66.1	46.2	17	10	10	Cs	250												5	0	.000			00-01
01 54	26.390	65.3	46.3	20	10															5					01-02
02 50	26.400	64.0	44.8	17	10															5					02-03
03 53	26.400	61.2	45.0	25	10	10	Ci	250												1	1	.020			03-04
04 55	26.410	62.6	43.9	17	9															2					04-05
05 55	26.410	58.0	42.2	23	10															3					05-06
06 53	26.430	64.2	46.1	22	10	1	Ac	160	10	Ci	250	10								4	3	.030			06-07
07 54	26.430	62.2	47.7	19	10															3					07-08
08 53	26.440	68.3	48.5	24	10															2					08-09
09 53	26.440	75.1	53.3	22	10	2	Ac	160	10	Ci	250	10								7	2	.010			09-10
10 54	26.440	73.2	53.2	25	10															8					10-11
11 52	26.430	74.8	54.6	26	10															9					11-12
12 51	26.430	74.7	53.7	24	10	6	Ac	6140	4	Ci	250	10								8	2	.010			12-13
13 52	26.410	76.2	52.8	18	10															7					13-14
14 50	26.400	76.0	51.6	15	10															6					14-15
15 59	26.370	75.1	50.6	14	10	10	Ci	250												6	7	.060			15-16
16 50	26.360	74.8	50.8	15	6															4					16-17
17 52	26.345	71.3	49.1	16	5															3					17-18
18 50	26.360	67.7	47.5	19	5	5	Ci	250												3	5	.010			18-19
19 50	26.380	69.3	45.8	21	3															2					19-20
20 55	26.390	59.6	44.2	26	2															2					20-21
21 51	26.400	57.4	43.3	29	2	2	Ci	250												2	2	.040			21-22
22 59	26.390	58.3	44.3	31	1															1					22-23
23 52	26.380	58.2	45.8	38	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	67	60	X	X						X		
	0349	1	0	0	0	69	60		0								
	0948	2	0	0	0	75	56		0								
	1554	3	0	0	0	78	73		0								
	2146	4	0	0	0	76	57		0								
	MID.	X	0	0	0	59	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1558	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.440	26.370	26.400
BAROGRAPH 64	26.380	26.440	26.390	26.380
BAR. CORR. 65	+.020	±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
78	56	0	0	0	30	S	1446					9	8		

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 AT: 0937P ±0 Sec./ 1800P ±0 Sec./ ± Sec.

WEATHER & OBSTRUCTIONS TO VISION

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

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 17 APR 1985

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 (16)
SA	0053	250 SCT	20			048	54	32	02	02		975	710 1001	CRD
SA	0153	250 SCT	20			044	54	33	10	03		974		CRD
SA	0250	250-SCT	20			040	57	29	19	03		973		CRD
SA	0353	250-SCT	20			044	54	32	33	05		974	503 1001 52 RADAT	JC
/													24103	/
SA	0451	250-SCT	20			060	54	31	31	10		979		JC
SA	0555	160 SCT E250 BKN	20			068	54	35	26	10		981		JC
SA	0654	E140 BKN 250 OVC	20			075	55	37	22	11		982	124 1072	JC
SA	0755	E140 BKN 250 OVC	20			076	56	37	23	14	G24	982		JC
SA	0853	E120 BKN 250 OVC	20			085	57	38	23	19	G28	984		JC
SA	0953	E140 BKN 250 OVC	20			093	58	36	23	12		987	314 1072 52	JC
SA	1054	E140 BKN 250 OVC	20			088	59	39	24	11		986		JC
SA	1153	E140 BKN 250 OVC	20			084	62	42	25	10		984		JC
SA	1252	E140 BKN 250 OVC	20			081	62	39	23	10		983	FEW CU NW/710 1172	JC
SA	1352	60 SCT E140 BKN 250 OVC	20			077	64	37	24	12	G22	982		JC
SA	1450	60 SCT E140 BKN 250 OVC	20			078	64	36	22	10		982		JC
SA	1557	E140 BKN 250 OVC	20			069	63	33	18	14		981	FEW CU/710 117865	
/													RADAT 35086	
SA	1659	E140 BKN 250 OVC	20			068	61	29	23	16		980		
SA	1756	140 SCT E250 BKN	20			065	59	25	24	11		978		
SA	1855	140 SCT E250 BKN	20			065	57	29	23	05		978	607 1078	
SA	1957	E250 BKN	20			070	57	27	30	04		980		
SA	2052	E250 BKN	20			073	57	25	00	00		981		
SA	2158	140 SCT E250 BKN	20			073	52	28	03	06		981	107 1078 65	
SA	2259	140 SCT E250 BKN	20			070	52	26	00	00		980		
SA	2359	140 SCT E250 BKN	20			066	51	27	33	03		979		

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: $IIiii\ i_R i_x hVV\ Nddff\ 1s_nTTT\ 2s_nT_dT_dT_d\ 3P_oP_oP_oP_o\ 4PPPP\ 5appp\ 6RRRt_R\ 7wwW_1W_2\ 8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 17 APR 1985

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	26.370	53.7	43.5	44	2	2	Ci	250												2	7	.030			00-01
01 53	26.360	54.0	43.9	44	1															1					01-02
02 50	26.350	54.5	43.3	32	4															2					02-03
03 53	26.360	53.5	43.3	43	2	2	Ci	250												0	5	.010			03-04
04 51	26.400	54.0	43.2	41	5															2					04-05
05 55	26.420	53.8	44.6	49	9															6					05-06
06 54	26.430	54.7	46.0	52	10	6	Ac	E140	4	Ci	250	10								9	1	.020			06-07
07 55	26.430	56.0	46.4	49	10															9					07-08
08 53	26.450	56.9	47.2	49	10															10					08-09
09 53	26.470	58.3	46.9	42	10	8	Ac	E140	2	Ci	250	10								10	3	.040			09-10
10 54	26.460	58.8	48.5	48	10															10					10-11
11 53	26.450	61.6	50.8	48	10															10					11-12
12 52	26.440	61.8	49.8	43	10	0	Cu	60	7	Ac	E140	7	3	Ci	250	10				9	7	.030			12-13
13 52	26.430	63.9	49.8	36	10															9					13-14
14 50	26.430	64.1	49.7	35	10															10					14-15
15 57	26.410	63.0	48.0	32	10	0	Cu	60	6	Ac	E140	6	4	Cs	250	10				10	7	.030			15-16
16 59	26.400	60.7	45.8	30	10															8					16-17
17 56	26.390	59.2	44.0	27	9															7					17-18
18 55	26.390	57.1	44.0	33	8	1	Ac	140	7	Cs	E250	8								7	6	.020			18-19
19 54	26.405	56.8	43.4	32	8															7					19-20
20 52	26.410	56.7	42.7	29	9															7					20-21
21 58	26.410	52.4	41.6	39	9	2	Ac	140	7	Cs	E250	9								7	1	.020			21-22
22 59	26.400	52.3	40.9	36	9															7					22-23
23 55	26.390	54.4	40.8	39	9															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		58	52										
	0349	1	0	0	0	59	52		0								
	0948	2	0	0	0	59	52		0								
	1556	3	0	0	0	65	58		0								
	2157	4	0	0	0	63	52		0								
	MID.		0	0	0	52	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0953	1557	2158
ATT. THERM 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26360	26470	26410	26410
BAROGRAPH 64	26360	26470	26410	26410
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 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
65	51	0	0	0	29	SW	0900					10	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 - CLOCK AT: 1000P ⊘ Sec. / ± Sec. / 1802P 00 Sec.

2355P Col 2 5/8 2355 2356P

!! LAST OF SEVERAL OCCURRENCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 18 APR 1985

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)	OR INITIALS (15)
SA	0059	140 SCT E250 BKN	20			060	51	27	05	05		977	710 1078	
SA	0159	140 SCT E250 BKN	20			053	50	27	11	14		975		
SA	0250	40 SCT E140 BKN 250 OVC	10		RW-	050	53	33	12	13		975	RB43	
SA	0355	M65 OVC	20			049	52	35	22	04		973	RE02/ 51000 102/ 50	
													RADAT 55087	JD
SA	0455	E75 OVC	20			055	51	34	09	03		975		JD
SP	0530	15 SCT E25 BKN 75 OVC	10		RW-				10	10		978	RB12	JD
SA	0553	E25 BKN 75 OVC	15		RW-	063	46	43	21	03		976	RB12	JD
SP	0605	25 SCT E35 BKN 100 OVC	20		RW-				21	03		976	BINOVC NE	JD
SA	0654	35 SCT 50 SCT 120 SCT 200 - BKN	20			068	49	42	18	02		978	RE18/ 114021551	JD
SA	0753	E50 BKN 120 BKN 200 BKN	20			077	51	41	20	03		981		JD
SA	0852	50 SCT 120 SCT E200 BKN	20			076	54	39	22	05		981		JD
SA	0953	E100 BKN 200 BKN	20			082	57	37	22	03		982	214021552 46	JD
SA	1053	E100 BKN 200 BKN	20			082	57	41	12	12	618	982		JD
SA	1150	E100 BKN 200 BKN	20			080	61	41	12	14		982		JD
SA	1255	100 SCT 140 SCT E200 BKN	20			069	64	40	13	12		980	808 1172	JD
SA	1354	E140 BKN	20			071	62	37	12	12		980		JD
SA	1453	140 SCT	20			063	63	40	24	10	619	978		JD
SA	1554	65 SCT	20			065	62	48	22	15		976	605 180065 RADAT 71099	
SA	1650	65 SCT 250 SCT	20			058	64	37	10	04		977		
SA	1753	65 SCT 250 SCT	20			065	62	37	16	03		978		
SA	1850	250 SCT	20			067	57	36	14	06		978	502 1005	
SA	1959	E250 BKN	20			076	55	36	00	00		981		
SA	2054	250 SCT	20			079	50	39	00	00		981		
SA	2159	CLR	20			080	49	37	12	03		982	112 65	
SA	2259	CLR	20			080	48	34	00	00		983		
SA	2353	CLR	20			083	46	39	12	03		983		

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 18 APR 1985

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 59	26.380	51.1	40.6	39	9	2	AC	140	7	CS	E250	9								8	7	.030			00-01
01 59	26.360	50.4	40.2	40	9															7					01-02
02 50	26.360	52.8	43.5	47	10															9					02-03
03 55	26.350	51.7	43.5	52	10	10	NS	M65												10	5	.030			03-04
04 55	26.365	51.2	43.1	52	10															10					04-05
05 53	26.375	46.2	44.7	89	10															10					05-06
06 54	26.390	49.0	45.3	76	8	1	SC	35	1	SC	50	2	1	AC	120	3	5	CI	200	3	1	.040			06-07
07 53	26.415	51.2	46.0	68	9															9					07-08
08 52	26.420	54.1	46.5	57	8															5					08-09
09 53	26.430	56.6	46.8	48	9	0	SC	35	9	AC	E100	9	0	CI	200	9				9	2	.040			09-10
10 53	26.430	56.5	48.2	55	9															9					10-11
11 50	26.430	61.1	50.2	47	7															7					11-12
12 55	26.405	63.6	51.1	42	7	0	CU	50	1	AC	100	1	3	AC	140	4	3	CI	E200	4	8	.025			12-13
13 54	26.405	61.8	49.1	40	7															7					13-14
14 53	26.390	63.1	50.8	43	5															5					14-15
15 54	26.390	62.3	51.0	46	4	0	CU	50	4	SC	65	4								4	6	.015			15-16
16 56	26.375	64.0	50.0	37	2															2					16-17
17 53	26.385	62.0	49.1	39	2															2					17-18
18 50	26.385	56.8	46.5	45	5	5	CS	250												5	5	.005			18-19
19 59	26.410	55.2	45.7	49	6															6					19-20
20 59	26.415	50.0	43.7	61	2															2					20-21
21 59	26.420	48.7	43.0	64	0															0	1	.035			21-22
22 59	26.430	45.0	40.0	66	0															0					22-23
23 53	26.430	45.5	42.2	77	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0330		T	0		53	50										
	0330	1	T	0	0	53	50		0								
	0949	2	.02	0	0	57	46		0								
	1553	3	0	0	0	65	57		0								
	2158	4	0	0	0	64	49		0								
	MID.		0	0	0	49	43										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0951	1553	2159
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.430	26.390	26.420
BAROGRAPH 64	26.355	26.415	26.380	26.410
BAR. CORR. 65	-.005	+.015	+.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
65	43	.02	0	0	24	SW	1502					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0243	0302			
RW-	0512	0618			

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 AT: 0512 P ± 0 Sec./ ± Sec./ 1906 P ± 0 Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 19 APR 1985

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 TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0051	CLR	20			086	45	40	11	06		984	207	
SA	0159	CLR	20			088	46	41	00	00		985		
SA	0252	CLR	20			090	43	39	07	03		985		
SA	0354	CLR	20			092	43	39	09	03		984	203 40 20002	
													RADAT 57104	JD
SA	0455	CLR	20			096	39	37	01	03		985		JD
SA	0554	250 - BKN	15			105	42	39	05	02		988		JD
SA	0653	250 - SCT	15			106	48	42	10	07		988	014 1008	JD
SA	0753	25 SCT 250 - SCT	15			110	52	42	14	05		990		JD
SA	0851	25 SCT 50 SCT 250 SCT	20			115	54	39	25	02		991		JD
SA	0952	25 SCT 50 SCT 250 SCT	20			114	58	39	18	04	6-14	991	007 1801 39	JD
SA	1053	200 SCT	20			100	60	39	23	10		986		JD
SA	1150	E 200 BKN	20			081	64	39	23	10	6-17	982		JD
SA	1251	200 - OVC	20			074	65	40	23	17	6-24	980	BINOVC SE-S/ 734 1107	JD
SA	1351	35 SCT 200 - OVC	20			063	67	39	23	21	6-30	977		JD
SA	1450	35 SCT 210 - OVC	20			059	66	36	23	16	624	975	69	JD
SA	1557	40 SCT 210 - OVC	20			048	68	38	24	11	622	974	722 1107^RADAT 83102	
SA	1658	40 SCT 210 - OVC	20			046	66	34	20	12		972		
SA	1752	40 SCT 200 - OVC	20			039	65	33	19	10		970		
SA	1857	200 - OVC	20			031	61	35	19	07		969	715 1007	
SA	1959	200 - BKN	20			035	60	31	23	04		970		
SA	2057	200 SCT	20			038	57	31	28	05		971		
SA	2159	200 SCT	20			044	55	36	25	10		972	212 1008 69	
SA	2250	200 SCT	20			045	54	36	31	07		973		
SA	2350	200 SCT	20			060	52	31	33	07		977		

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-62) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 19 APR 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.440	44.8	42.6	84	0															0	2	.020			00-01
01 59	26.445	45.5	43.2	84	0															0					01-02
02 52	26.445	43.0	41.2	87	0															0					02-03
03 54	26.450	42.5	40.8	87	0															0	2	.010			03-04
04 55	26.460	39.1	38.1	92	0															0					04-05
05 54	26.485	41.8	40.6	91	6															1					05-06
06 53	26.490	48.1	45.0	80	4	4	Cs	250												2	0	.040			06-07
07 53	26.500	51.8	46.8	70	3															1					07-08
08 51	26.510	54.0	46.5	58	4															3					08-09
09 52	26.510	57.7	47.8	49	2	1	Cu	25	1	Sc	50	2	0	Ci	250	2				2	0	.020			09-10
10 53	26.470	60.3	49.2	46	1															1					10-11
11 50	26.430	63.8	50.8	41	8															6					11-12
12 51	26.410	65.3	51.6	39	10	0	Cu	35	10	Cs	200	10								3	7	.100			12-13
13 51	26.385	66.5	51.6	36	10															3					13-14
14 50	26.370	66.4	50.7	33	10															2					14-15
15 57	26.345	68.2	52.0	33	10	1	Cu	40	10	Cs	210	10								4	7	.065			15-16
16 58	26.330	66.2	50.0	31	10															4					16-17
17 52	26.310	64.8	49.0	31	10															4					17-18
18 57	26.300	60.9	47.7	37	10	10	Cs	200												5	7	.045			18-19
19 59	26.310	59.5	45.7	33	7															2					19-20
20 57	26.320	56.5	44.5	38	3															2					20-21
21 59	26.335	54.9	45.2	47	2	2	Cs	200												2	2	.035			21-22
22 50	26.340	54.2	45.0	49	2															2					22-23
23 50	26.380	51.7	42.2	45	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	46	40	X	X						X		
	0350	1	0	0	0	49	40		0								
	0949	2	0	0	0	58	39		0								
	1556	3	0	0	0	69	57		0								
	2158	4	0	0	0	68	55		0								
	MID.	X	0	0	0	55	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1557	2159
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.310	26.345	26.335
BAROGRAPH 64	26.435	26.495	26.335	26.325
BAR. CORR. 65	+.015	+.015	+.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
69	39	0	0	0	30	SW	1351					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 - CLOCK AT: 0617P ± 1 Sec./ ± Sec./ 1708P 00 Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1124

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 20 APR 1985

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)	OBS. INITIALS (14)
SA	0059	200 SCT	20			060	51	31	31	03		977	115 1008	AA
SA	0157	CLR	20			057	46	37	06	05		976		AA
SA	0250	CLR	20			061	45	30	00	00		977		AA
SA	0355	CLR	20			058	47	23	03	08		976	702 42 RADAT 58080	JD
SA	0453	250 -SCT	20			059	46	23	03	10		976		JD
SA	0552	E 230 OVC	20			065	47	24	03	05		978		JD
SA	0653	E 230 OVC	20			065	49	23	03	06		977	003 1007	JD
SA	0751	160 SCT E 230 OVC	20			064	51	24	02	10		977		JD
SA	0851	E160 BKN 230 OVC	20			059	52	24	03	05		975		JD
SA	0952	100 SCT E 150 OVC	20			055	55	30	27	08		974	808 107/ 42	JD
SA	1052	100 SCT E 150 OVC	20			049	56	31	26	08		973		JD
SA	1153	100 SCT E 150 OVC	20			034	59	32	23	15	G21	969		JD
SA	1253	100 SCT E160 BKN 220 OVC	20			029	59	30	23	17	G24	967	724 1072	JD
SA	1351	E 160 BKN 230 OVC	20			021	60	27	22	17	G24	964	BINOVC W-N	JD
SA	1451	E160 BKN 230 OVC	20			024	58	25	21	17	G24	964	BINOVC W-N	JD
SA	1554	E160 BKN 230 OVC	20			017	57	26	24	16		964	712 1048 61 RAHHIS W-N	AA
SA	1657	160 SCT E230 OVC	20			010	59	27	24	18		961	BINOVC NW	AA
SA	1759	120 SCT E230 OVC	20			015	58	30	22	19		963		AA
SA	1858	120 SCT E230 OVC	20			020	54	31	24	20		964	302 1047	AA
SA	1959	120 SCT E230 BKN	20			028	52	31	25	17		966		AA
SA	2059	120 SCT E230 BKN	20			039	51	29	03	05		970		AA
SA	2155	100 SCT 230 SCT	20			049	46	32	04	05		972	224 10786 1	AA
SA	2259	100 SCT 230 SCT	20			053	45	31	02	05		973		AA
SA	2356	230 -SCT	20			050	44	29	00	00		973		AA

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6$RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 20 APR 1985

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 59	26.380	50.8	41.6	46	1	1	CS	200												1	1	.045			00-01
01 57	26.370	45.5	39.2	58	0															0					01-02
02 50	26.380	45.4	38.6	54	0															0					02-03
03 55	26.375	46.5	37.1	40	0															0	7	.005			03-04
04 53	26.375	45.8	36.7	41	2															0					04-05
05 52	26.380	46.9	37.4	40	10															10					05-06
06 53	26.385	48.8	38.2	36	10	10	CS	E230												10	0	.010			06-07
07 51	26.385	51.1	39.8	35	10															10					07-08
08 51	26.370	52.0	40.0	33	10															10					08-09
09 52	26.360	54.6	43.1	38	10	2	Ac	100	8	As	E150	10								10	8	.025			09-10
10 52	26.345	55.7	44.1	39	10															10					10-11
11 53	26.310	58.8	45.8	36	10															10					11-12
12 53	26.290	58.5	45.0	33	10	1	Ac	100	7	As	E160	8	2	Ci	220	10				10	7	.070			12-13
13 51	26.2[illegible]	57.6	44.7	2[illegible]	10															9					13-14
14 51	26.270	58.3	43.5	27	10															9					14-15
15 54	26.255	59.3	44.7	30	10	6	AC	E160	4	CS	230	10								10	7	.035			15-16
16 57	26.235	59.0	44.3	29	10															8					16-17
17 59	26.245	56.3	44.0	36	10															8					17-18
18 58	26.260	54.1	43.4	41	10	4	AC	120	10	CS	E230	10								8	3	.005			18-19
19 59	26.280	52.0	42.4	45	9															8					19-20
20 59	26.310	51.4	41.3	42	8															7					20-21
21 55	26.330	45.8	39.5	58	4	2	AC	100	2	CS	230	4								4	2	.070			21-22
22 59	26.340	44.5	38.6	59	2															2					22-23
23 56	26.340	43.9	37.4	55	1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	52	42	X	X						X		
	0350	1	0	0	0	55	42		0								
	0949	2	0	0	0	55	45		0								
	1553	3	0	0	0	61	55		0								
	2154	4	0	0	0	59	46		0								
	MID.	X	0	0	0	46	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.375	26.360	26.255	26.330
BAROGRAPH 64	26.370	26.360	26.250	26.305
BAR. CORR. 65	+.005	0	+.005	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
61	42	0	0	0	27	SW	1707					10	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 MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0521P ±1 Sec./ ± Sec./ 2158P ±0 Sec.

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 21 APR 1985

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 (14)
SA	0050	CLR	20			050	41	30	00	00		972	000	[illegible]
SA	0159	CLR	20			053	40	30	04	03		973		[illegible]
SA	0251	250 -SCT	20			060	42	31	00	00		975		[illegible]
SA	0353	210 SCT	20			058	39	31	04	05		973	007 1008 38	[illegible]
—	—												RADAT 59076	—
SA	0452	CLR	20			061	38	32	00	00		974	FEW AC CI	[illegible]
SA	0553	100 SCT 210 SCT	20			067	38	32	00	00		975		[illegible]
SA	0653	230-BKN	20			069	44	32	25	04		976	210 1034	[illegible]
SA	0752	230-OVC	20			068	48	33	21	08		976		[illegible]
SA	0851	E 230 OVC	20			070	51	32	24	11		978		[illegible]
SA	0950	E 230 BKN	20			068	54	33	24	09		976	000 1101 36	[illegible]
SA	1050	230 SCT	20			061	57	33	26	11		975	FEW CU AC	[illegible]
SA	1151	CLR	20			054	61	33	19	14		973	FEW CU CI	[illegible]
SA	1252	230 SCT	20			047	63	32	23	15		971	717 1101	[illegible]
SA	1352	CLR	20			036	64	31	25	14	623	969	FEW CU CI	[illegible]
SA	1455	CLR	20			034	64	30	22	13	626	968	FEW BLDUPS SE	[illegible]
SA	1555	250 - ~~SCT~~ BKN	20			030	66	30	23	16	624	967	6A 1108 67 RADAT 39092	EP
SA	1653	250 - SCT	20			032	65	25	23	13		967		EP
SA	1750	CLR	20			032	63	26	22	08		967		EP
SA	1852	250 - SCT	20			036	58	26	22	03		968	303 1101	EP
SA	1952	CLR	20			040	54	26	03	04		969		EP
SA	2051	CLR	20			040	54	28	03	04		969		EP
SA	2153	CLR	20			043	56	29	24	11		971	210 67	EP
SA	2251	CLR	20			045	55	31	24	09		971		EP
SA	2352	CLR	20			045	52	31	31	06		972		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1 APR 1985

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	26.330	40.7	36.1	65	0															0	0	.000			00-01
01 50	26.340	40.3	35.8	66	0															0					01-02
02 51	26.360	40.4	37.4	64	4															1					02-03
03 53	26.350	39.0	35.5	72	4	4	CS	210												3	0	.020			03-04
04 52	26.360	37.6	35.0	78	0															0					04-05
05 53	26.370	38.2	35.4	77	3															3					05-06
06 53	26.380	44.3	38.8	62	7	0	AC	120	7	CI	230	7								2	2	.030			06-07
07 52	26.380	48.0	41.0	56	10															4					07-08
08 51	26.390	50.9	42.0	48	10															7					08-09
09 50	26.380	54.0	44.0	45	9	0	CU	70	9	CI	230	9								7	0	.000			09-10
10 50	26.365	57.3	45.6	40	5															4					10-11
11 51	26.350	61.4	47.4	34	0															0					11-12
12 52	26.330	62.8	47.7	31	1	0	CU	70	1	CI	230	1								1	7	.050			12-13
13 52	26.305	64.1	48.0	29	0															0					13-14
14 55	26.300	64.3	47.7	27	0															0					14-15
15 55	26.290	65.5	48.2	26	8	0	CU	70	8	CS	250	8								1	6	.040			15-16
16 53	26.290	64.5	46.4	22	1															0					16-17
17 50	26.290	62.8	46.0	25	0															0					17-18
18 52	26.300	57.9	43.5	29	1	0	CU	70	1	CI	250	1								0	3	.010			18-19
19 52	26.310	53.5	41.5	34	0															0					19-20
20 51	26.315	54.0	42.4	37	0															0					20-21
21 53	26.330	56.0	43.5	36	0															0	2	.030			21-22
22 51	26.335	55.0	43.8	40	0															0					22-23
23 52	26.340	52.4	42.5	44	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		44	38										
	0348	1	0	0	0	46	38		0								
	0946	2	0	0	0	54	36		0								
	1549	3	0	0	0	67	54		0								
	2150	4	0	0	0	66	53		0								
	MID.		0	0	0	56	52										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.380	26.290	26.330
BAROGRAPH 64	26.340	26.380	26.290	26.320
BAR. CORR. 65	+.010	*+.0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	36	0	0	0	27	SW	1336					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-MIN/TE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0610P ±0 Sec./ 2200 ±0 Sec./ ± Sec.

*BAROGRAPH CHANGED RESET TO I.O CORR

1555/1555 SLP 1555-2352/2359

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1124

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 22 APR 1985

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	0052	CLR	20			~~148~~	52	32	36	02		973	307	EP
SA	0153	CLR	20			050	54	33	36	05		974		EP
SA	0255	CLR	20			056	51	34	31	10		975		EP
SA	0356	250-SCT	20			071	46	34	00	00		980	319 1001 46 RADAT 65084	EP
SA	0453	250-BKN	20			079	43	35	01	04		981		EP
SA	0551	250-BKN	20			088	46	37	06	04		984		EP
SA	0655	CLR	20			100	52	38	19	02		987	325 1001	EP
SA	0756	CLR	20			105	57	36	00	00		988		EP
SA	0852	CLR	20			106	59	30	07	02		990		EP
SA	0953	CLR	20			106	63	31	22	07		991	210 1100 42	EP
SA	1055	CLR	20			110	65	33	28	04		992		EP
SA	1154	CLR	20			103	67	26	27	08		990		EP
SA	1250	CLR	20			100	70	24	28	13		990	805 1100	EP
SA	1350	CLR	20			098	72	22	30	06		990		EP
SA	1453	CLR	20			093	73	20	30	09	G19	987		EP
SA	1551	CLR	20			095	73	19	29	15	G20	987	605 1001 75 RADAT 32069	EP
SA	1652	CLR	20			096	73	24	30	07		987		EP
SA	1753	CLR	20			100	71	26	28	03		988		EP
SA	1851	CLR	20			112	64	26	34	03		992	314	EP
SA	1951	CLR	20			125	58	23	00	00		995		EP
SA	2051	CLR	20			138	52	24	01	03		998		EP
SA	2153	CLR	20			141	50	25	00	00		999	124 75	EP
SA	2250	CLR	20			144	50	27	08	03		001		EP
SA	2350	CLR	20			152	48	31	11	03		003		EP

A synoptic observation using WMO code FM12_VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-62) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 22 APR 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.350	52.2	42.8	46	0															0	3	.020			00-01
01 53	26.360	53.6	43.8	45	0															0					01-02
02 55	26.370	50.5	42.8	54	0															0					02-03
03 56	26.405	46.3	40.7	63	3	3	CI	250												0	3	.055			03-04
04 53	26.420	43.3	39.4	72	7															1					04-05
05 51	26.445	45.9	41.6	71	6															1					05-06
06 55	26.480	52.0	45.0	59	0	0	CI	250												0	3	.075			06-07
07 56	26.490	56.8	46.3	45	0															0					07-08
08 52	26.500	59.0	45.3	33	0															0					08-09
09 53	26.510	62.6	47.2	30	0	0	CU	70												0	2	.030			09-10
10 55	26.520	65.3	49.0	30	0															0					10-11
11 54	26.500	67.0	47.8	21	0															0					11-12
12 50	26.495	69.9	48.5	17	0	0	CU	80												0	8	.015			12-13
13 50	26.495	71.7	48.9	15	0															0					13-14
14 53	26.480	73.0	49.0	13	0															0					14-15
15 51	26.480	73.0	48.9	13	0	0	CI	250												0	6	.015			15-16
16 52	26.480	73.3	50.0	16	0															0					16-17
17 53	26.490	70.7	49.5	19	0															0					17-18
18 51	26.520	64.0	46.5	24	0															0	3	.040			18-19
19 51	26.550	58.4	43.0	25	0															0					19-20
20 51	26.580	52.0	40.1	33	0															0					20-21
21 53	26.590	50.3	39.5	37	0															0	1	.070			21-22
22 50	26.600	50.0	40.0	40	0															0					22-23
23 50	26.620	48.0	40.2	51	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		57	46										
	0351	1	0	0	0	56	46		0								
	0949	2	0	0	0	63	42		0								
	1548	3	0	0	0	75	63		0								
	2148	4	0	0	0	74	50		0								
	MID.		0	0	0	50	48										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0953	1548	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.405	26.510	26.480	26.590
BAROGRAPH 64	26.395	26.500	26.470	26.580
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 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
75	42	0	0	0	25	NW	1258					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—CLOCK AT: 0629P ±0 Sec./ 2130 ±0 Sec./ ± Sec.

SLP 0052/0159

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

MF 1-10A
(5-83)

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

STATION: WMO, DESERT [illegible] NEVADA

DATE: 24 APR 1985

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)	OBS. SEQ. INITIALS (15)
SA	0052	CLR	20			120	61	28	04	07		997	210	EP
SA	0153	CLR	20			119	61	21	05	13		997		EP
SA	0250	CLR	20			123	60	23	05	15	G24	998		EP
SA	0352	110 SCT 250 SCT	20			133	57	22	08	06		001	310 1071 55 RADAT 48108	[illegible]
SA	0450	250-SCT	20			142	56	21	05	06		003	AC NE	[illegible]
SA	0550	250-SCT	20			151	55	22	04	09		005		[illegible]
SA	0650	CLR	20			151	58	22	05	12		005	114 1071	[illegible]
SA	0754	CLR	20			149	61	23	03	17		004		[illegible]
SA	0850	CLR	20			148	64	24	05	12		004		[illegible]
SA	0952	CLR	20			140	68	23	06	12		003	808 1101 53	[illegible]
SA	1052	CLR	20			134	68	23	02	07		999		[illegible]
SA	1151	CLR	20			117	70	22	04	07		996		[illegible]
SA	1254	CLR	20			108	72	21	03	03		993	729 1101	[illegible]
SA	1353	CLR	20			091	74	22	15	07		988		[illegible]
SA	1450	CLR	20			080	75	21	00	00		985		[illegible]
SA	1552	CLR	20			070	75	15	21	07		982	734 1101 77 RADAT 32105	WRG
SA	1652	CLR	20			063	74	16	22	11		980		WRG
SA	1752	CLR	20			052	72	16	25	08		976		WRG
SA	1852	CLR	20			047	66	20	00	00		974	724 1005	WRG
SA	1952	CLR	20			049	59	19	07	05		974		WRG
SA	2052	CLR	20			046	55	18	00	00		973		WRG
SA	2152	60 SCT	20			044	62	13	04	12	G20	974	500 1500 77	WRG
SA	2252	60 SCT	20			046	61	8	02	08	G18	975		WRG
SA	2352	60 SCT	20			052	59	6	01	10		976		WRG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 24 APR 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.570	60.8	45.5	28	0															0	2	.030			00-01
01 53	26.570	61.2	43.9	21	0															0					01-02
02 50	26.580	59.5	43.5	24	0															0					02-03
03 54	26.600	56.6	42.0	26	3	1	AC	110	2	CI	250	3								3	3	.030			03-04
04 50	26.620	53.7	41.3	26	4															1					04-05
05 50	26.640	54.9	41.0	27	4															0					05-06
06 50	26.640	57.7	42.5	25	0	0	AC	110	0	CI	250	0								0	1	.040			06-07
07 54	26.630	60.5	44.0	23	0															0					07-08
08 50	26.620	63.8	45.8	22	0															0					08-09
09 52	26.615	67.7	47.4	18	0	0	CU	80	0	CI	250	0								0	8	.025			09-10
10 52	26.590	68.4	47.6	17	0															0					10-11
11 51	26.560	70.2	48.2	16	0															0					11-12
12 54	26.530	72.4	49.0	14	0	0	CU	80	0	CI	250	0								0	7	.085			12-13
13 53	26.490	74.2	49.9	14	0															0					13-14
14 50	26.460	75.1	50.1	13	0															0					14-15
15 52	26.430	75.4	49.1	10	0	0	CU	80	0	CI	250	0								0	7	.100			15-16
16 52	26.410	74.1	48.9	11	0															0					16-17
17 52	26.380	72.0	47.9	12	0															0					17-18
18 52	26.360	65.8	45.8	17	0	0	CI	250												0	7	.070			18-19
19 52	26.360	59.1	42.4	21	0															0					19-20
20 52	26.350	55.0	40.3	23	0															0					20-21
21 52	26.360	62.3	42.6	14	3	3	SC	60												3	5	.000			21-22
22 52	26.365	61.0	41.4	12	3															3					22-23
23 52	26.380	58.9	40.0	12	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0350		0	0		64	55										
	0350	1	0	0	0	66	55		0								
	0948	2	0	0	0	68	53		0								
	1548	3	0	0	0	77	68		0								
	2148	4	0	0	0	76	53		0								
	MID.		0	0	0	63	58										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.615	26.480	26.360
BAROGRAPH 64	26.585	26.615	26.420	26.345
BAR. CORR. 65	+.015	0	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	53	0	0	0	24	NE	0245					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 AT: 0558P ±0 Sec./ 1954P ±0 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1124

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 23 APR 1985

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 INITIALS (15)
SA	0052	CLR	20			146	46	26	00	00		002	00T	EP
SA	0151	CLR	20			148	46	27	00	00		002		EP
SA	0250	CLR	20			148	48	26	07	05		003		EP
SA	0354	CLR	20			151	43	24	11	02		003	103 43 RADAT 35L104108113	EP
SA	0455	CLR	20			155	42	25	11	08		004		EP
SA	0651	CLR	20			165	46	26	00	00		007		EP
SA	0653	CLR	20			173	54	24	00	00		010	320	EP
SA	0750	CLR	20			171	61	25	00	00		010		EP
SA	0850	CLR	20			171	67	24	00	00		010		EP
SA	0952	CLR	20			171	70	29	20	06		010	400 1001 41	EP
SA	1051	CLR	20			166	73	27	24	04		008		EP
SA	1153	250-SCT	20			158	76	28	28	12	G17	006		EP
SA	1252	250-BKN	20			155	76	31	21	12	G17	005	714 1101	EP
SA	1354	250-BKN	20			144	77	33	27	08	G15	002		EP
SA	1450	250-BKN	20			130	78	32	29	07	G16	998		EP
SA	1553	250-SCT	20			128	78	35	20	12		997	624 1101 80 RADAT 23114	EP
SA	1651	CLR	20			122	78	32	25	12		995		EP
SA	1751	CLR	20			115	75	31	24	06		993		EP
SA	1852	CLR	20			115	69	31	00	00		993	612 1101	EP
SA	1951	CLR	20			114	64	31	07	03		994		EP
SA	2051	CLR	20			115	64	30	11	02		995		EP
SA	2153	CLR	20			109	66	28	04	02		994	002 80	EP
SA	2252	CLR	20			114	58	28	30	02		995		EP
SA	2353	CLR	20			115	64	28	04	09		996		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S. GPO: 1984 0-764-009/0086

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 23 APR 1985

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 52	26.610	46.3	37.6	44	0															0	0	.020			00-01
01 51	26.615	45.5	37.5	47	0															0					01-02
02 50	26.620	47.6	38.3	42	0															0					02-03
03 54	26.620	43.1	35.3	46	0															0	1	.010			03-04
04 55	26.630	42.0	35.2	51	0															0					04-05
05 51	26.660	46.2	37.7	45	0															0					05-06
06 55	26.680	54.4	41.3	30	0															0	3	.060			06-07
07 50	26.680	60.8	44.8	25	0															0					07-08
08 50	26.680	66.8	47.2	20	0															0					08-09
09 52	26.680	70.1	50.0	22	0	0	Ci	250												0	4	.000			09-10
10 51	26.670	73.1	50.6	19	0															0					10-11
11 53	26.650	75.8	52.2	17	4															1					11-12
12 52	26.640	76.3	53.1	19	9	0	Cu	80	9	Ci	250	9								3	7	.040			12-13
13 54	26.610	77.4	54.0	20	9															2					13-14
14 50	26.580	78.0	54.0	19	8															2					14-15
15 53	26.570	78.0	55.0	21	5	0	Cu	80	5	Ci	250	5								0	6	.070			15-16
16 51	26.550	79.5	53.9	19	0															0					16-17
17 51	26.535	75.1	52.5	19	0															0					17-18
18 52	26.535	69.0	50.0	24	0	0	Cu	80	0	Ci	250	0								0	6	.035			18-19
19 51	26.540	64.4	48.0	28	0															0					19-20
20 51	26.550	64.0	47.6	28	0															0					20-21
21 53	26.540	65.5	47.8	25	0															0	0	.005			21-22
22 52	26.545	57.5	43.9	32	0															0					22-23
23 53	26.560	63.5	46.8	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	48	43	X	X						X		
	0350	1	0	0	0	50	43		0								
	0948	2	0	0	0	70	41		0								
	1550	3	0	0	0	80	70		0								
	2150	4	0	0	0	78	63		0								
	MID.	X	0	0	0	66	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.680	26.570	26.540
BAROGRAPH 64	26.615	26.675	26.560	26.530
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 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
80	41	0	0	0	30	W	1318					3	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 AT: 0627P ±0 Sec./ 2155 ±0 Sec./ ± Sec.

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NV

DATE 1985 APR 25

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 (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	0052	60 SCT	20			050	56	14	01	06		976	005 1500	WRG
SA	0152	CLR	20			046	56	14	01	10		975	Few SC SE	WRG
SA	0250	CLR	20			045	52	14	36	07		974	Few SC SE	WRG
SA	0350	CLR	20			043	52	14	01	10		974	707 1001 51 RADAT28085	SH
SA	0448	CLR	20			051	51	22	05	03		976		SH
SA	0548	CLR	20			063	51	17	35	10		979		SH
SA	0650	CLR	20			065	52	19	36	16	G23	979	115	SH
SA	0751	CLR	20			065	53	21	36	14	G28	978		SH
SA	0850	250 - SCT	20			067	55	22	33	17	G26	978	FEW CU N	SH
SA	0953	50 SCT	20			059	58	24	33	14	G24	977	705 1100 49	SH
SA	1055	70 SCT	20			049	58	19	36	14	G26	974		SH
SA	1150	70 SCT	20			047	58	23	35	20	G32	973		SH
SA	1254	E70 BKN	20			050	55	24	31	20	G31	973	612 1100	SH
SA	1355	E70 BKN	20			052	53	24	03	21	G28	973	PK WND 0238/23	SH
SA	1450	E70 BKN	20			054	51	26	03	16	G28	973		SH
SA	1552	E 70 BKN	20			060	51	21	35	14	G24	975	RBOS E14 VIRGA ALQDS	
													30500 1200 60 RADAT 46067	WRG
SA	1652	E 70 BKN	20			062	50	20	35	16	G26	975	VIRGA ALQDS	WRG
SA	1752	E 70 BKN	20			062	50	19	33	12	G19	975	VIRGA ALQDS	WRG
SA	1852	70 SCT	20			070	47	17	36	12	G24	977	307 1400	WRG
SA	1952	70 SCT	20			080	47	15	35	12	G24	980		WRG
SA	2052	70 SCT	20			086	46	16	36	20	G30	982		WRG
SA	2152	70 SCT	20			090	44	19	01	14	G24	983	119 1400 63	WRG
SA	2252	70 SCT	20			084	44	17	01	20	G30	981		WRG
SA	2352	CLR	20			079	44	15	36	20	G28	980	Few SC SE	WRG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 APR 25

To convert L.S.T. 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.
0052	26.375	56.2	40.0	19	2	2	Sc	60												2	0	.015			00-01
0152	26.365	55.6	39.8	19	0															0					01-02
0250	26.360	52.2	37.8	21	0															0					02-03
0350	26.355	52.4	38.1	22	0	0	Ci	250												0	7	.020			03-04
0448	26.375	51.0	39.0	31	0															0					04-05
0548	26.400	50.6	37.6	26	0															0					05-06
0650	26.400	52.2	39.1	27	0															0	1	.045			06-07
0751	26.390	53.2	40.0	28	0															0					07-08
0850	26.390	54.6	41.0	28	1															0					08-09
0953	26.385	57.6	43.0	27	1	1	Cu	50												1	7	.015			09-10
1055	26.360	58.0	42.0	22	3															3					10-11
1150	26.350	57.7	42.8	26	4															4					11-12
1254	26.350	55.3	41.8	29	6	6	Cu	E70												6	6	.035			12-13
1355	26.350	52.8	40.6	33	9															9					13-14
1450	26.350	51.2	40.3	37	8															8					14-15
1552	26.365	51.0	38.8	30	8	8	Cu	E70												8	3	.015			15-16
1652	26.365	49.8	37.9	30	8															8					16-17
1752	26.365	50.2	37.8	29	6															6					17-18
1852	26.375	47.4	35.9	29	4	4	Sc	70												4	3	.020			18-19
1952	26.410	46.7	35.1	28	3															3					19-20
2052	26.430	46.0	35.0	30	3															3					20-21
2152	26.440	44.4	34.7	36	2	2	Sc	70												2	1	.055			21-22
2252	26.420	44.0	34.1	33	1															1					22-23
2352	26.410	43.6	33.5	31	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		59	51										
	0346	1	0	0	0	63	51		0								
	0949	2	0	0	0	58	49		0								
	1548	3	T	0	0	60	43		0								
	2148	4	0	0	0	51	43		0								
	MID.		0	0	0	45	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.355	26.385	26.365	26.440
BAROGRAPH 64	26.350	26.385	26.365	26.440
BAR. CORR. 65	+.005	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHL 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
60	42	T	0	0	38	N	1323					4	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1503	1514			

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 AT: 0457P ± 0 Sec. / 2157P ± 0 Sec. ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 APR 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	0052	70 SCT	20			076	42	17	02	17	G29	979	714 1400	WRG
SA	0152	70 SCT	20			082	42	16	02	12	G26	980		WRG
SA	0250	70 SCT	20			085	42	16	02	09	G18	981		WRG
SA	0351	70 SCT	20			093	40	19	07	06		982	210 1400 39	SH
	—		—			—						—	RADAT 41056	—
SA	0452	CLR	20			093	39	19	04	05		982	FEW SC	SH
SA	0551	CLR	20			099	42	19	07	07		984		SH
SA	0653	CLR	20			096	45	19	03	13		984	005	SH
SA	0752	CLR	20			091	49	20	01	13	G24	983		SH
SA	0851	CLR	20			085	53	21	02	14	G25	982	FEW CU	SH
SA	0953	CLR	20			082	57	17	04	20	G32	981	708 1100 38	SH
SA	1051	70 SCT	20			075	58	17	01	17	G33	979		SH
SA	1152	70 SCT	20			067	62	25	03	18	G32	977		SH
SA	1251	70 SCT	20			062	62	14	35	17	G30	975	717 1100	SH
SA	1353	70 SCT	20			060	64	17	35	20	G34	975	PK WND [illegible]/08	SH
SA	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
SA	1552	90 SCT	20			056	65	11	02	22	G34	974	PK WND 5643/18 803	—
←												→	1100 67 RADAT 23086	WRG
SA	1652	90 SCT	20			062	65	16	04	20	G30	975	PK WND 0340/29	WRG
SA	1752	90 SCT	20			069	62	13	04	20	G30	978	PK WND 0337/28	WRG
SA	1852	90 SCT	20			076	61	17	04	18	G28	980	317 1400	WRG
SA	1952	CLR	20			087	59	17	04	11		983	FEW SC SE	WRG
SA	2052	CLR	20			093	55	17	05	06		985		WRG
SA	2152	CLR	20			098	50	15	02	04		986	120 67	WRG
SA	2252	CLR	20			096	53	16	06	08		986		WRG
SA	2352	CLR	20			094	54	15	05	06		986	FEW SC SE	WRG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 APR 26

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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.
0052	26.400	42.2	33.0	36	1	1	Sc	70												1	7	.040			00-01
0152	26.410	42.0	32.8	35	2															2					01-02
0250	26.420	42.4	32.9	34	2															2					02-03
0351	26.430	40.4	32.5	41	4	4	Sc	70												4	2	.030			03-04
0452	26.430	39.0	31.6	44	0															0					04-05
0551	26.450	41.2	33.6	39	0															0					05-06
0653	26.445	45.4	35.3	34	0															0	0	.015			06-07
0752	26.435	49.0	37.5	31	0															0					07-08
0851	26.425	52.7	39.6	29	0															0					08-09
0953	26.420	57.0	40.9	20	0	0	Cu	70												0	7	.025			09-10
1051	26.400	58.0	41.6	20	1															1					10-11
1152	26.385	60.0	45.3	24	2															2					11-12
1251	26.370	62.2	43.0	15	2	2	Cu	70												2	7	.050			12-13
1353	26.370	64.0	44.4	16	2															2					13-14
1447	26.375	63.8	44.4	12	3															3					14-15
1551	26.360	63.1	43.9	12	5	5	Cu	70												5	8	.010			15-16
1652	26.370	64.8	44.5	15	4															4					16-17
1752	26.390	62.5	42.9	14	3															3					17-18
1852	26.410	60.8	42.9	18	2	2	Sc	90												2	3	.050			18-19
1952	26.440	58.8	41.8	19	0															0					19-20
2052	26.460	55.0	40.0	22	0															0					20-21
2152	26.470	50.2	37.1	24	0															0	1	.060			21-22
2252	26.470	52.7	38.5	23	0															0					22-23
2352	26.470	53.8	39.0	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		44	39										
	0347	1	0	0	0	45	39		0								
	0948	2	0	0	0	57	38		0								
	1548	3	0	0	0	67	57		0								
	2148	4	0	0	0	66	50		0								
	MID.		0	0	0	54	49										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.420	26.360	26.470
BAROGRAPH 64	26.430	26.420	26.360	26.475
BAR. CORR. 65	0	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 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	38	0	0	0	43	N	1518					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 - CLOCK AT: 0710P ± 0 Sec./ 2146P ± 0 Sec./ ± Sec.

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 APR 27

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)	SUPPLEMENTARY INFORMATION (15)
SA	0052	CLR	20			095	53	16	05	12		986	400 1400	WRG
SA	0152	90 SCT	20			094	52	16	03	14	G24	986		WRG
SA	0250	90 SCT	20			097	51	15	04	12	G20	987		WRG
SA	0354	90 SCT	20			110	52	19	03	15		992	315 1400 ~~50~~ 49	SH
	—		—			—						—	RADAT 45084	--
SA	0450	90 SCT	20			117	50	23	03	16		995		SH
SA	0550	90 SCT	20			129	51	19	04	12	G18	996		SH
SA	0652	CLR	20			138	54	22	03	13		999	FEW SC 01 / 224 1401	SH
SA	0751	CLR	20			137	60	26	06	16	G27	999	FEW SC 01	SH
SA	0851	250 - SCT	20			144	61	28	06	17	G27	001	FEW SC	SH
SA	0953	250 - SCT	20			145	63	27	08	08	G19	001	105 1001 48	SH
SA	1050	250 - SCT	20			139	65	25	08	11	G21	999		SH
SA	1151	250 - SCT	20			130	67	25	13	11	G23	998		SH
SA	1251	250 - SCT	20			129	69	25	08	10		997	610 1101	SH
SA	1351	250 - BKN	20			125	69	23	13	08	G23	996	FEW CU	SH
SA	1450	250 - BKN	20			121	70	24	10	04		995		SH
SA	1552	E 300 BKN	20			117	69	22	14	10		994	710 1104 72 RADAT 35099	WRG
SA	1652	300 - BKN	20			114	70	22	12	03		993	FEW CU SE	WRG
SA	1752	160 SCT 300 - BKN	20			110	69	24	12	03		992	FEW CU SE	WRG
SA	1852	160 SCT 300 - OVC	20			110	65	26	00	00		992	607 1074	WRG
SA	1952	300 - OVC	20			119	60	24	12	05		995		WRG
SA	2052	300 - OVC	20			125	58	24	00	00		996		WRG
SA	2152	300 - OVC	20			126	55	23	32	03		996	114 1007 72	WRG
SA	2252	300 - BKN	20			128	53	25	00	00		997		WRG
SA	2352	300 - SCT	20			132	54	24	05	05		998		WRG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 APR 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	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	HEIGHT CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26470	53.0	38.8	23	0	0	SC	90												0	4	.000			00-01
01 52	26470	52.2	38.1	23	1															1					01-02
02 50	26480	50.8	37.4	24	1															1					02-03
03 54	26515	52.4	39.0	26	3	3	SC	90												3	3	.045			03-04
04 50	26530	49.6	38.6	35	3															3					04-05
05 50	26560	51.1	38.4	28	1															1					05-06
06 52	26585	54.2	40.6	28	0	0	SC	90	0	CI	250	0								0	2	.070			06-07
07 51	26590	60.1	44.6	27	0															0					07-08
08 51	26600	60.7	45.4	28	1															0					08-09
09 55	26600	62.8	46.3	26	1	1	CI	250												0	1	.015			09-10
10 50	26590	65.1	46.8	22	2															1					10-11
11 51	26575	66.7	47.4	20	2															1					11-12
12 51	26570	69.0	48.5	19	2	0	CU	70	2	CI	250	2								1	6	.030			12-13
13 51	26560	68.9	48.0	18	6															1					13-14
14 50	26550	70.0	48.6	17	7															2					14-15
15 52	26540	69.2	47.9	17	8	0	CU	90	8	CI	E300	8								6	7	.030			15-16
16 52	26530	70.2	48.4	16	8															4					16-17
17 52	26520	68.7	48.1	19	6															3					17-18
18 52	26520	64.8	46.9	23	10	2	AC	160	8	CI	300	10								4	6	.020			18-19
19 52	26545	60.1	44.2	25	10															4					19-20
20 52	26560	54.0	43.0	26	10															4					20-21
21 52	26560	55.0	41.5	29	10	10	CS	300												4	1	.010			21-22
22 52	26565	52.5	40.7	34	8															3					22-23
23 52	26580	54.3	41.2	30	5															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	54	49	X	X						X		
	0350	1	0	0	0	54	49		0								
	0952	2	0	0	0	63	48		0								
	1548	3	0	0	0	72	63		0								
	2148	4	0	0	0	71	55		0								
	MID.	X	0	0	0	55	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26515	26600	26540	26560
BAROGRAPH 64	26570	26610	26545	26570
BAR. CORR. 65	-.005	-.010	-.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
72	48	0	0	0	33	E	0959					3	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0340P ± 0 Sec./ 2243P ± 0 Sec./ ± Sec.

0354/0354

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 APR 28

TO CONVERT LST TO GMT ADD 9 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	0252	140 SCT 300 - SCT	20			129	50	24	07	05		997	003 1078	WRG
SA	0452	140 SCT 300 SCT	20			130	48	24	00	00		997		WRG
SA	0250	140 SCT	20			134	47	25	00	00		998		WRG
SA	0353	300 - BKN	20			140	46	26	34	03		999	307 1006 44 RADAT 72104	HR
SA	0454	300 - BKN	20			141	46	26	11	04		000		HR
SA	0554	300 BKN	20			146	50	29	13	02		002		HR
SA	0651	300 - BKN	20			150	56	29	07	03		004	312 1001	HR
SA	0749	300 - BKN	20			149	62	28	28	03		004		HR
SA	0850	300 - SCT	20			145	67	27	25	04		003	Cu OMTNS SE	HR
SA	0954	300 - SCT	20			145	71	28	25	05		003	802 1101 44	HR
SA	1050	300 - SCT	20			142	74	29	21	10		003	Cu OMTNS SE	HR
SA	1150	CLR	20			133	76	32	08	04		000	Cu OMTNS SE	HR
SA	1257	300 - BKN	20			133	78	34	30	08		000	608 1101	HR
SA	1350	300 - BKN	20			127	79	33	22	10		998	Cu OMTNS SE	HR
SA	1450	300 - BKN	20			121	80	33	22	04		996	Cu OMTNS SE	HR
SA	1550	300 - BKN	20			115	80	33	24	09		994	719 1101 81 RADAT 53115	HS
SA	1650	300 - SCT	20			115	79	34	25	11		994		HS
SA	1752	CLR	20			116	76	31	24	06		994		HS
SA	1850	CLR	20			117	72	30	22	07		996	303 1001	HS
SA	1953	CLR	20			119	71	32	20	04		997		HS
SA	2050	CLR	20			121	67	32	20	02		998		HS
SA	2150	CLR	20			120	66	31	33	06		998	107 81	HS
SA	2250	CLR	20			122	67	30	24	07		999		HS
SA	2351	CLR	20			124	60	29	00	00		999		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 APR 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	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.570	50.2	39.3	36	2	1	AC	140	1	CS	300	2								1	0	.010			00-01
01 52	26.570	48.0	38.1	39	2															2					01-02
02 50	26.580	46.6	37.6	43	1															1					02-03
03 53	26.590	45.7	37.5	46	7	7	CS	300												1	3	.020			03-04
04 54	26.595	46.1	37.5	44	7															1					04-05
05 54	26.610	49.7	40.4	44	7															1					05-06
06 51	26.625	55.5	43.4	36	6	6	CI	300												1	3	.035			06-07
07 49	26.625	62.3	46.3	27	7															1					07-08
08 51	26.620	67.0	48.2	22	1															0					08-09
09 54	26.620	70.9	50.0	20	2	0	CU	70	2	CI	300	2								0	8	.005			09-10
10 50	26.615	74.3	51.9	19	2															0					10-11
11 50	26.595	75.5	53.1	20	0															0					11-12
12 51	26.595	78.4	54.8	20	7	0	CU	80	7	CI	300	7								1	6	.025			12-13
13 50	26.575	78.6	54.7	19	9															1					13-14
14 50	26.560	79.8	55.1	18	9															1					14-15
15 50	26.540	79.6	55.0	19	6	0	CU	80	6	CI	300	6								0	7	.055			15-16
16 50	26.540	79.2	55.0	19	2															0					16-17
17 52	26.540	76.1	53.1	19	0															0					17-18
18 50	26.550	72.0	51.2	21	0	0	CI	300												0	3	.010			18-19
19 53	26.560	71.1	51.3	24	0															0					19-20
20 50	26.570	67.4	49.7	27	0															0					20-21
21 50	26.570	66.4	49.0	27	0															0	1	.020			21-22
22 50	26.580	67.3	49.1	25	0															0					22-23
23 51	26.580	60.1	45.4	30	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	54	44	X	X						X		
	0347	1	0	0	0	55	44		0								
	0948	2	0	0	0	72	44		0								
	1546	3	0	0	0	81	71		0								
	2146	4	0	0	0	80	64		0								
	MID.	X	0	0	0	68	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.620	26.540	26.570
BAROGRAPH 64	26.600	26.635	26.555	26.590
BAR. CORR. 65	-.010	-.015	-.015	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TYP 75	FROZEN GROUND LAYER (Ins.) MAX 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	44	0	0	0	26	SW	1330					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0557P ± 0 Sec./ 1750P ± 0 Sec./ ± Sec.

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 29 APR 1985

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	0052	CLR	20			124	58	29	02	06		999	103 1001	HS
SA	0151	CLR	20			130	57	31	03	06		000		HS
SA	0250	CLR	20			132	56	29	03	06		001		HS
SA	0352	250 - SCT	20			145	50	30	09	03		004	315 1001 49 RADAT 32122	MR
SA	0453	250 - OVC	20			148	52	31	10	05		005		MR
SA	0551	250 - BKN	20			160	50	32	10	04		007		MR
SA	0651	250 - OVC	20			160	61	36	11	03		008	115 1001	MR
SA	0752	250 - OVC	20			161	66	35	12	02		009		MR
SA	0852	250 - OVC	20			162	69	34	26	04		010		MR
SA	0954	250 - OVC	20			162	72	35	20	07		010	103 1001 49	MR
SA	1050	250 - BKN	20			156	75	35	27	08		008		MR
SA	1153	250 - OVC	20			152	78	33	28	08		007		MR
SA	1253	250 - BKN	20			142	81	32	20	09		004	817 1001	MR
SA	1350	250 - SCT	20			140	83	34	22	10		004		MR
SA	1450	250 - SCT	20			130	83	32	27	08		001		MR
SA	1557	250 - SCT	20			126	83	30	27	08		999	817 1101 84	/
/													RADAT 30L 126 134	HS
SA	1650	250 - BKN	20			126	81	29	27	09		999		HS
SA	1750	250 - BKN	20			128	78	29	25	08		999	7	HS
SA	1852	250 - OVC	20			133	75	29	24	06		001	307 1008	HS
SA	1951	250 - BKN	20			140	67	28	08	02		003		HS
SA	2050	250 - SCT	20			141	65	30	01	05		003		HS
SA	2153	250 - BKN	20			145	63	29	03	04		004	110 1008 84	HS
SA	2252	250 - BKN	20			141	63	27	05	02		004		HS
SA	2353	250 - BKN	20			139	61	27	08	04		003		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: $IIiii\ i_R i_x hVV\ Nddff\ 1s_nTTT\ 2s_nT_dT_dT_d\ 3P_oP_oP_oP_o\ 4PPPP\ 5appp\ 6RRRt_R\ 7wwW_1W_2\ 8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MFT-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 29 APR 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.580	58.2	44.6	33	0	0	Ci	250												0	1	.010			00-01
01 51	26.590	56.6	44.1	38	0															0					01-02
02 50	26.600	56.1	43.7	36	0															0					02-03
03 52	26.625	49.5	40.7	47	1	1	Ci	250												0	3	.045			03-04
04 53	26.635	51.9	42.2	44	10															1					04-05
05 51	26.660	49.9	41.8	51	9															1					05-06
06 51	26.670	60.6	48.0	39	10	10	Ci	250												1	1	.045			06-07
07 50	26.675	65.6	49.9	32	10															1					07-08
08 [illegible]	26.680	69.1	51.1	27	10															1					08-09
09 51	26.680	72.0	52.6	26	10	10	Ci	250												2	1	.010			09-10
10 50	26.670	74.8	53.6	23	9															2					10-11
11 53	26.655	77.6	54.3	20	10															2					11-12
12 53	26.630	80.5	55.1	17	7	7	Ci	250												1	8	.050			12-13
13 50	26.625	83.0	56.5	17	4															1					13-14
14 50	26.600	82.6	55.9	16	3															1					14-15
15 57	26.580	83.4	55.6	14	3	0	Cu	90	3	Ci	250	3								1	8	.050			15-16
16 50	26.580	80.6	54.3	15	6															1					16-17
17 50	26.580	78.4	53.4	16	9															3					17-18
18 52	26.600	74.5	51.9	19	10	10	Cs	250												5	3	.020			18-19
19 51	26.615	67.4	48.5	23	9															4					19-20
20 50	26.620	65.2	48.0	26	4															1					20-21
21 53	26.630	63.2	46.4	27	8	8	Cs	250												3	1	.030			21-22
22 52	26.625	63.4	46.4	25	9															4					22-23
23 53	26.620	61.4	45.6	27	7															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		60	49										
	0347	1	0	0	0	68	49		0								
	0948	2	0	0	0	72	49		0								
	1548	3	0	0	0	84	72		0								
	2149	4	0	0	0	84	60		0								
	MID.		0	0	0	64	57										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1556	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.680	26.580	26.630
BAROGRAPH 64	26.630	26.680	26.580	26.620
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
84	49	0	0	0	18	W	1601					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 - CLOCK AT: 0842P ± 0 Sec./ 2005P ± 0 Sec./ ± Sec.

* BAROGRAPH CHANGED AND RESET TO ZERO CORR.

1852/1852

0651P/1200P 4-30-85

MFT-10B (1-82) SUPERSEDES MFT-10B (2-79) WHICH MAY BE USED. ☆ U.S. G.P.O. 1982-564-008/1124

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 30 APR 1985

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)	OBSERVERS INITIALS (10)
SA	0052	250 - BKN	20			132	62	33	00	00		002	701 1008	HS
SA	0151	250 - BKN	20			131	58	34	10	02		002		HS
SA	0250	250 - BKN	20			135	55	32	13	03		002		HS
SA	0353	250 - OVC	20			140	53	29	11	06		003	303 1007 52 RADAT 20128	MR
SA	0450	250 - OVC	20			145	53	30	08	03		004		MR
SA	0551	E 250 OVC	20			147	58	32	10	04		005		MR
SA	0651	E 250 OVC	20			149	61	31	33	02		006	108 1007	MR
SA	0752	E 250 OVC	20			149	66	34	08	02		005		MR
SA	0851	E 250 OVC	20			148	73	32	00	00		006		MR
SA	0950	E 250 OVC	20			148	77	34	20	02		006	500 1007 51	MR
SA	1050	E 250 OVC	20			140	81	34	14	03		004		MR
SA	1152	E 250 OVC	20			136	83	33	24	09		003		MR
SA	1253	250 - OVC	20			130	84	34	28	04		001	714 1102	MR
SA	1351	250 - OVC	20			122	85	33	20	08		999		MR
SA	1451	250 - OVC	20			117	85	33	23	05		997		MR
SA	1551	250 - BKN	20			109	85	33	22	07		994	722 1101 88 RADAT 20135	HS
SA	1651	250 - SCT	20			105	85	34	26	07		993		HS
SA	1752	250 - SCT	20			104	83	35	26	03		993		HS
SA	1853	250 - SCT	20			110	73	33	35	04		994	500 1001	HS
SA	1950	250 - SCT	20			117	68	33	06	02		997		HS
SA	2052	CLR	20			120	65	29	09	03		998		HS
SA	2152	CLR	20			120	61	33	07	02		998	110 88	HS
SA	2251	CLR	20			123	60	35	00	00		999		HS
SA	2350	CLR	20			123	58	31	00	00		999		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: 30 APR 1985

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 52	26.610	62.3	47.7	33	6	6	Cs	250												3	7	.020			00-01
01 51	26.605	57.6	45.9	40	6															2					01-02
02 50	26.610	54.6	43.9	42	6															1					02-03
03 53	26.620	53.3	42.3	39	10	10	Cs	250												3	3	.010			03-04
04 50	26.630	52.9	42.4	41	10															3					04-05
05 51	26.640	58.4	45.8	37	10															6					05-06
06 51	26.645	61.1	46.7	32	10	10	Cs	E250												6	1	.025			06-07
07 52	26.640	66.0	49.7	30	10															6					07-08
08 51	26.645	73.1	52.0	22	10															6					08-09
09 56	26.645	76.5	54.2	22	10	10	Cs	E250												8	5	.000			09-10
10 50	26.630	80.8	55.8	19	10															6					10-11
11 52	26.620	82.5	56.1	17	10															6					11-12
12 53	26.605	83.9	56.9	17	10	0	Cu	80	10	Ci	250	10								5	7	.040			12-13
13 51	26.585	85.1	57.2	16	10															5					13-14
14 51	26.565	85.3	57.2	15	10															4					14-15
15 51	26.540	84.6	57.0	16	6	0	Cu	80	6	Ci	250	6								1	7	.065			15-16
16 51	26.530	85.4	57.6	16	5															0					16-17
17 52	26.530	82.6	56.7	18	3															0					17-18
18 53	26.540	72.8	52.2	23	2	2	Ci	250												0	5	.000			18-19
19 50	26.560	68.3	50.4	27	3															0					19-20
20 52	26.570	65.3	48.0	26	0															0					20-21
21 52	26.570	61.2	47.4	35	0															0	1	.030			21-22
22 51	26.580	60.2	47.4	38	0															0					22-23
23 50	26.580	58.2	45.4	36	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	62	52	X	X						X		
	0348	1	0	0	0	64	52		0								
	0950	2	0	0	0	78	51		0								
	1547	3	0	0	0	88	77		0								
	2148	4	0	0	0	86	59		0								
	MID.	X	0	0	0	61	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0955	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.645	26.540	26.570
BAROGRAPH 64	26.610	26.635	26.540	26.565
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
88	51	0	0	0	17	SW	1238					9	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 - CLOCK AT: 1154P ± 0 Sec./ 1955P ± 0 Sec./ ± Sec.