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: February

YEAR: 1983

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED Knots	PEAK SPEED Knots	DIRECTION	SUNSHINE Ave Stn. Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	04	R 10	H 16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	64	34	49		16					3.9	11	SW	26.66		0		57	31	23	61
2	57	36	47		18					6.8	18	SE	26.52		10		10	70	31	58
3	59	39	49		16		0.02			4.7	16	N	26.53		8	R-	51	44	41	65
4	60	39	50		15					9.6	19	NE	26.76		0		64	39	16	30
5	63	39	51		14					11.1	22	SE	26.94		0		33	21	11	18
6	67	43	55		10					9.0	20	E	26.95		0		22	15	14	24
7	66	46	56		9					7.5	14	E	26.88		10		27	27	14	24
8	68	40	54		11					4.3	13	NW	26.70		9		35	19	13	24
9	67	46	57		8		T			5.5	17	SE	26.62		9	RW-	33	25	21	55
10	66	41	54		11					4.3	15	SE	26.62		5		66	42	37	68
11	63	46	55		10					3.2	8	N	26.68		10		68	53	47	72
12	64	42	53		12					5.2	15	SW	26.69		8		83	60	44	63
13	62	43	53		12					7.7	25	SW	26.54		8		96	57	60	62
14	59	38	49		16					6.0	17	NW	26.63		4		46	28	16	31
15	61	35	48		17		0.21			9.9	33	N	26.44		5	RW-	40	22	32	79
16	57	35	46		19					9.2	23	NE	26.62		1		57	32	20	41
17	56	38	47		18					9.7	18	N	26.69		4		41	34	17	36
18	54	36	45		20					10.5	33	NE	26.59		5		53	39	25	39
19	50	35	43		22					13.1	31	NE	26.66		4		31	25	19	40
20	53	34	44		21					11.9	28	NE	26.72		0		37	30	18	29
21	56	31	44		21					6.1	20	S	26.59		1		37	23	15	39
22	56	35	46		19					5.2	14	SW	26.51		8		29	24	17	36
23	47	32	40		25		T			12.9	37	SW	26.05		9	RW-, SW-	27	34	45	64
24	44	30	37		28		T			8.5	23	SW	26.17		9	SW-	59	53	42	56
25	35	28	32		33		0.54	6.0	4.0	6.4	14	NE	26.33		10	St, SW+	100	92	96	96
26	47	31	39		26		T			6.8	14	NE	26.51		7	SW-	82	82	46	61
27	51	29	40		25					4.8	16	NE	26.66		2		47	38	23	67
28	57	29	43		22					4.7	15	NE	26.70		10		72	34	23	51
29																				
30																				
31																				
SUM	1609	1030	—	—	494	0	0.77	6.0	—	208.5	—	—	744.96	—	156	—	1383	1093	826	1389
AVG	57.5	36.8	—	—	—	—	—	—	—	7.4	FASTEST	DIRECTION		%		—	49	39	26	50
										MISC. →	37	SW	26.61		5.6	—				

TEMPERATURE DATA

AVERAGE MONTHLY 47.1

DEPARTURE FROM NORMAL -0.2

HIGHEST 68 ON 8

LOWEST 28 ON 25

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 7

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 494

DEPARTURE FROM NORMAL 3

SEASONAL TOTAL 2444

DEPARTURE FROM NORMAL 132

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL 0

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.77 IN.

DEPARTURE FROM NORMAL -0.89 IN.

GREATEST IN 24 HRS. 0.54 ON 25

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 6.00 IN.

GREATEST IN 24 HRS. 6.00 ON 25

GREATEST DEPTH ON GROUND 40 ON 25

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 8

PARTLY CLOUDY (Scale 4–7) 7

CLOUDY (Scale 8–10) 13

WITH 0.01 INCH OR MORE PRECIP. 3

WITH 0.10 INCH OR MORE PRECIP. 2

WITH 0.50 INCH OR MORE PRECIP. 1

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

F = fog
R = rain
RW = rain shower
S = snow
SW = snow shower
T = thunder-storm

MAXIMUM PRECIPITATION

Δt (Minutes)	5	10	15	20	30	45	50	80	100	120	150	180
PRECIPITATION (Inches)												
ENDED: DATE												
TIME												

HIGHEST Stn. 26.99 IN. ON 6

LOWEST Stn. 25.92 IN. ON 23

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

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

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 1 1987

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 (deg-360) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (13b)
SA	0051	CLR	20			192	42	23	10	05		013	602	MR
SA	0152	CLR	20			195	39	23	10	04		013		MR
SA	0251	CLR	20			193	37	24	04	05		012		MR
SA	0350	CLR	20			191	38	24	13	05		012	802 36 RADAT 20112	CH
SA	0450	CLR	20			194	37	24	07	04		012		CH
SA	0550	CLR	20			205	37	25	00	00		014		CH
SA	0650	CLR	20			209	34	25	10	04		014	107	CH
SA	0750	CLR	20			209	40	26	10	04		015		CH
SA	0850	CLR	20			205	46	26	00	00		015		CH
SA	0950	CLR	20			202	55	25	00	00		015	103 34	CH
SA	1050	CLR	20			188	58	26	22	03		012		CH
SA	1150	CLR	20			171	63	25	00	00		008		CH
SA	1250	CLR	20			162	62	26	22	07		004	734	CH
SA	1350	CLR	20			159	63	26	22	07		003		CH
SA	1450	CLR	20			156	64	25	24	06		002		CH
SA	1552	CLR	20			152	64	25	26	07		001	710 64 RADAT 20124	WRG
SA	1652	CLR	20			153	62	25	21	04		001	FEW CI NW	WRG
SA	1752	CLR	20			156	51	27	00	00		001		WRG
SA	1852	CLR	20			166	46	27	08	05		002	303	WRG
SA	1952	CLR	20			170	44	27	05	04		003		WRG
SA	2050	CLR	20			171	43	27	11	04		004	FEW CI DSNT NW	WRG
SA	2152	CLR	20			167	40	27	06	04		004	107 1005 64	WRG
SA	2252	CLR	20			166	40	27	33	05		004	FEW CI NW	WRG
SA	2352	250 -SCT	20			162	41	27	04	06		004		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 $i_R i_x h VV$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 1 1987

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	WET BULB CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.705			45	0															0	6	.005			00-01
01 52	26.710			53	0															0					01-02
02 51	26.700			59	0															0					02-03
03 50	26.700			57	0															0	8	.005			03-04
04 50	26.700			59	0															0					04-05
05 50	26.720			62	0															0					05-06
06 50	26.720			69	0															0	1	.020			06-07
07 50	26.730			57	0															0					07-08
08 50	26.730			45	0															0					08-09
09 50	26.730			31	0															0	1	.010			09-10
10 50	26.700			29	0															0					10-11
11 50	26.660			23	0															0					11-12
12 50	26.630			25	0															0	7	.100			12-13
13 50	26.620			24	0															0					13-14
14 50	26.610			23	0															0					14-15
15 52	26.600			23	0															0	7	.030			15-16
16 [illegible]	[illegible]			[illegible]	[illegible]															[illegible]					16-17
17 52	26.600			40	0															0					17-18
18 52	26.610			49	0															0	3	.010			18-19
19 52	26.620			52	0															0					19-20
20 50	26.630			53	0															0					20-21
21 52	26.630			61	0	0	CI	250												0	1	.020			21-22
22 52	26.630			61	0															0					22-23
23 52	26.630			58	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 0348	X	0	0	X	45	36	X	X						X		
	0348	1	0	0	0	48	36		0								
	0948	2	0	0	0	55	34		0								
	1548	3	0	0	0	64	54		0								
	2148	4	0	0	0	64	40		0								
	MID.	X	0	0	0	42	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.730	26.600	26.630
BAROGRAPH 64	26.680	26.705	26.595	26.630
BAR. CORR. 65	+.020	*+.025	+.005	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
64	34	0	0	0	11	SW	1433					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 0646 SUNSET 1709

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 CORRECT TO NEAREST MINUTE AT: 10605 / 2202 /

*Barograph Changed + reset

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: FEB 2 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0052	160 SCT 250-BKN	20			155	42	28	34	04		002	807 1071	WRG
SA	0152	160 SCT 250-SCT	20			150	40	28	07	06		001		WRG
SA	0252	160 SCT 250-BKN	20			146	39	27	34	07		999		WRG
SA	0350	160 SCT 250-BKN	20			145	36	27	10	05		999	710 1071 36 RADAT 20121	CH
SA	0450	160 SCT 250-BKN	20			140	39	27	34	04		998		CH
SA	0550	160 SCT 250-BKN	20			147	38	27	24	03		998		CH
SA	0650	160 SCT 250-BKN	20			152	36	28	08	04		998	603 1071	CH
SA	0750	E150 BKN 250 OVC	20			140	45	27	10	10		996		CH
SA	0850	E150 BKN 250 OVC	20			139	48	27	03	04		996		CH
SA	0950	E150 BKN 250 OVC	20			145	53	28	19	04		998	500 1072 36	CH
SA	1050	E150 BKN 250 OVC	20			141	53	27	11	05		997		CH
SA	1150	E150 BKN 250 OVC	20			127	56	28	12	06		993		CH
SA	1250	E150 BKN 250 OVC	20			116	55	27	13	12		990	824 1072	CH
SA	1350	E150 BKN 250 OVC	20			104	57	26	13	12		981		CH
SA	1450	E150 BKN 250 OVC	20			102	56	26	13	14		986		CH
SA	1552	E140 BKN 230 OVC	20			099	56	25	13	13		984	717 1078 57 RADAT 20114	WRG
SA	1652	140 SCT E230 OVC	20			100	54	27	12	09		984	BINOVC W	WRG
SA	1752	E120 BKN 200 BKN	20			106	50	28	13	11		986		WRG
SA	1852	E120 BKN 200 OVC	20			113	49	29	09	08		987	Moon DMLs USOL/307 1075	WRG
SA	1952	E120 BKN 200 BKN	20			114	45	28	07	05		987		WRG
SA	2050	120 SCT E200 BKN	20			105	47	29	04	07		987		WRG
SA	2150	E120 BKN 200 OVC	20			105	43	29	09	07		987	BINOVC OVhd/000 1077 57	WRG
SA	2252	E120 BKN 200 OVC	20			105	45	29	00	00		987		WRG
SA	2352	E120 OVC	20			104	42	29	03	04		987		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible], ROCKY ROCK, IN

DATE: FEB 2 1987

To convert LST to GMT ADD 5 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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			56	7	1	AC	160	6	CI	250	7								2	8	.020			00-01
01 52	26.600			63	5															2					01-02
02 52	26.590			63	8															3					02-03
03 50	26.580			70	7	1	AC	160	6	CI	250	7								2	7	.030			03-04
04 50	26.570			62	7															2					04-05
05 50	26.570			65	8															2					05-06
06 50	26.570			73	8	3	AC	160	5	CI	250	8								3	6	.010			06-07
07 50	26.550			49	10															6					07-08
08 50	26.550			44	10															8					08-09
09 50	26.570			38	10	7	AC	E150	3	CI	250	10								10	5	.000			09-10
10 50	26.560			36	10															10					10-11
11 50	26.530			34	10															10					11-12
12 50	26.500			34	10	7	AC	E150	3	CI	250	10								10	8	.070			12-13
13 50	26.470			30	10															10					13-14
14 50	26.460			31	10															10					14-15
15 52	26.450			31	10	6	AC	E140	4	CS	230	10								10	7	.050			15-16
16 52	26.450			31	10															9					16-17
17 52	26.460			42	9															8					17-18
18 52	26.470			45	10	6	AC	E120	4	CS	200	10								8	3	.020			18-19
19 52	26.480			52	8															7					19-20
20 50	26.470			49	8															6					20-21
21 50	26.470			58	10	7	AC	E120	3	CS	200	10								8	0	.000			21-22
22 52	26.470			54	10															10					22-23
23 52	26.470			60	10															10					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 0348		0	0		43	36										
	0348	1	0	0	0	43	36		0								
	0948	2	0	0	0	53	36		0								
	1548	3	0	0	0	57	52		0								
	2148	4	0	0	0	56	43		0								
	MID.		0	0	0	45	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.570	26.450	26.470
BAROGRAPH 64	26.580	26.565	26.455	26.475
BAR. CORR. 65	±0	+.005	-.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 UNHLTD (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
57	36	0	0	0	18	SE	1352					10	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0645 SUNSET 1710

TOTAL SUNSHINE (Mins.) | 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 CORRECT TO NEAREST MINUTE AT: 1090 1 / 2345 /

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 3 1987

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	E120 OVC	20			101	42	30	35	04		986	803 107/	WRG
SA	0152	E120 BKN 200 OVC	20			095	43	28	19	04		984		WRG
SA	0252	E120 BKN 200 OVC	20			096	42	28	13	05		984		WRG
SA	0350	E120 BKN 200 OVC	20			090	46	29	13	06		983	707 1072 41 RADAT 25096	CH
SA	0450	E120 OVC	20			095	45	28	09	07		984		CH
SA	0550	E120 OVC	20			101	44	28	00	00		986		CH
SA	0650	E90 OVC	15			113	46	28	00	00		989	317 1021	CH
SA	0750	E90 BKN 200 OVC	15			124	46	30	30	04		991		CH
SA	0850	E90 BKN 200 OVC	15			126	52	28	29	06		993		CH
SA	0950	E70 BKN 200 OVC	15			132	51	30	01	06		994	217 1022 41	CH
SA	1050	E70 OVC	15		R-	132	51	32	30	05		994	RB21	CH
SA	1150	E70 BKN	15			137	51	37	00	00		996	RE 48	CH
SA	1250	70 SCT E200 BKN	15			127	55	35	00	00		993	80302 1022	CH
SA	1350	70 SCT E200 BKN	15			123	55	33	00	00		992		CH
SA	1450	70 SCT 200 SCT	20			122	58	33	00	00		992		CH
SA	1552	70 SCT 200 SCT	20			120	57	33	36	07		992	/RWO N/ 60302 1201	/
~~SA~~	~~1652~~	~~E70 BK~~											59 RADAT 81078	WRG
SA	1652	E70 BKN	20			126	54	33	36	09		993	RWO NE	WRG
SA	1752	M70 BKN	20			137	51	35	05	05		996		WRG
SA	1852	70 SCT	20			141	49	36	09	04		997	215 1400	WRG
SA	1952	70 SCT	20			148	47	34	34	04		998		WRG
SA	2052	CLR	20			155	43	33	05	09		001		WRG
SA	2152	CLR	20			159	44	33	05	10		002	215 59	WRG
SA	2252	CLR	20			167	44	33	05	09		004		WRG
SA	2352	CLR	20			173	41	32	05	08		005		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 iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8N1hCLCMCH 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 3 1987

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	26.460			62	10	10	AC	E120												10	8	.010			00-01
01 52	26.450			56	10															8					01-02
02 52	26.450			56	10															8					02-03
03 50	26.440			51	10	9	AC	E120	1	CI	200	10								10	7	.020			03-04
04 50	26.450			51	10															10					04-05
05 50	26.460			53	10															10					05-06
06 50	26.490			49	10	10	AS	E90												10	3	.050			06-07
07 50	26.510			53	10															10					07-08
08 50	26.530			39	10															10					08-09
09 50	26.540			44	10	9	AS	E70	1	CI	200	10								10	2	.050			09-10
10 50	26.540			48	10															10					10-11
11 50	26.550			59	9															9					11-12
12 50	26.530			47	8	4	AS	70	4	CI	E200	8								8	8	.010			12-13
13 50	26.520			43	6															6					13-14
14 50	26.520			39	4															4					14-15
15 52	26.520			41	5	5	CU	70	0	CI	200									5	6	.010			15-16
16 52	26.530			45	7															7					16-17
17 52	26.555			55	7															7					17-18
18 52	26.565			60	4	4	SC	70												4	2	.045			18-19
19 52	26.580			59	1															1					19-20
20 52	26.600			68	0															0					20-21
21 52	26.610			65	0															0	2	.045			21-22
22 52	26.630			65	0															0					22-23
23 52	26.640			69	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	46	41	X	X						X		
	0348	1	0	0	0	46	41		0								
	0948	2	0	0	0	52	43		0								
	1548	3	.02	0	0	59	49		1								
	2148	4	0	0	0	57	42		0								
	MID.	X	0	0	0	45	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.540	26.520	26.610
BAROGRAPH 64	26.440	26.540	26.520	26.610
BAR. CORR. 65	±0	±0	±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 TD (Ins.) 69	4PM 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
59	39	.02	0	0	16	N	1657					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	1021	1148			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0645 SUNSET 1711

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 CORRECT TO NEAREST MINUTE AT: 10725/22421

1652/1652

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(8-83)

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

STATION WMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE FEB 4 1987

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			174	43	30	04	12		006	214	WRG
SA	0152	CLR	20			174	43	29	06	10		006		WRG
SA	0250	CLR	20			176	42	28	07	04		007	FEW AC SE	WRG
SA	0354	CLR	20			182	39	28	30	03		008	FEW AC SE / 307	JP
										10	70	20	002 39 RADAT 54069	
SA	0455	CLR	20			190	42	27	09	06		011		JP
SA	0555	CLR	20			198	43	26	08	08		013		JP
SA	0656	CLR	20			216	41	25	06	09		017	327	JP
SA	0755	CLR	20			219	44	25	04	13		018		JP
SA	0853	CLR	20			227	48	24	07	06		021		JP
SA	0952	CLR	20			229	49	25	01	10		022	214 39	JP
SA	1055	CLR	20			236	52	23	05	09		024		JP
SA	1155	CLR	20			228	54	22	04	08		022		JP
SA	1254	CLR	20			214	57	20	05	13		018	810	JP
SA	1355	CLR	20			209	58	19	03	12		017		JP
SA	1450	CLR	20			209	60	18	04	12		017		JP
SA	1555	CLR	20			214	60	14	05	12		018	500 60 RADAT 26083	DC
SA	1658	CLR	20			221	57	16	05	09		021		DC
SA	1750	CLR	20			230	51	16	06	08		023		DC
SA	1853	CLR	20			241	45	16	06	07		024	117	DC
SA	1956	CLR	20			239	50	16	04	12		025		DC
SA	2056	CLR	20			243	47	18	04	11		026		DC
SA	2157	CLR	20			245	49	19	04	12		027	210 60	DC
SA	2257	CLR	20			252	48	19	04	12		030		DC
SA	2356	CLR	20			253	47	20	05	12		030		DC

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 (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 4 1987

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	26.650			60	0															0	2	.040			00-01
01 52	26.650			56	0															0					01-02
02 50	26.660			59	0															0					02-03
03 54	26.670			64	0	0	AC	70												0	3	.020			03-04
04 55	26.690			55	0															0					04-05
05 55	26.710			51	0															0					05-06
06 56	26.750			53	0															0	3	.080			06-07
07 55	26.760			47	0															0					07-08
08 53	26.780			39	0															0					08-09
09 52	26.790			39	0															0	2	.040			09-10
10 55	26.810			32	0															0					10-11
11 55	26.790			29	0															0					11-12
12 54	26.760			23	0															0	8	.030			12-13
13 55	26.750			22	0															0					13-14
14 50	26.750			19	0															0					14-15
15 55	26.760			16	0															0	5	.000			15-16
16 58	26.780			20	0															0					16-17
17 50	26.795			25	0															0					17-18
18 53	26.810			31	0															0	1	.050			18-19
19 56	26.820			26	0															0					19-20
20 56	26.830			31	0															0					20-21
21 57	26.840			30	0															0	2	.030			21-22
22 57	26.860			31	0															0					22-23
23 56	26.865			34	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 0352		0	0		44	39										
	0352	1	0	0	0	45	39		0								
	0951	2	0	0	0	49	39		0								
	1548	3	0	0	0	60	49		0								
	2149	4	0	0	0	60	45		0								
	MID.		0	0	0	51	47										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.790	26.760	26.840
BAROGRAPH 64	26.670	26.795	26.770	26.850
BAR. CORR. 65	0	+.005	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	39	0	0	0	19	NE	0800					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 0644 SUNSET 1712

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 CORRECT TO NEAREST MINUTE AT: 1041 P/ 2000 P/

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 5 1987

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)	OP. INITIALS (15)
SA	0052	CLR	20			254	46	20	02	13		031	110	DC
SA	0156	CLR	20			259	44	19	04	12		032		DC
SA	0254	CLR	20			258	44	18	04	10		032		DC
SA	0353	CLR	20			269	44	17	05	12		035	314 43	JP
													RADAT 25102	
SA	0454	CLR	20			276	40	17	05	11		036		JP
0557 SA	~~0653~~	CLR	20			286	42	16	04	14		038		JP
0662 SA	~~0756~~	CLR	20			297	39	15	05	12		040	314	JP
0764 SA	~~0854~~	CLR	20			294	45	15	04	13		041		JP
0853 SA	~~0955~~	CLR	20			296	50	14	05	11		042		JP
SA	0954	CLR	20			297	53	14	04	08		043	210 1001 39	JP
SA	1050	CLR	20			297	56	9	11	13		043	FEW CI	JP
SA	1154	CLR	20			291	58	7	09	14		042	FEW CI	JP
SA	1253	CLR	20			282	61	7	12	13		040	810	JP
SA	1355	CLR	20			276	62	7	15	18		039		JP
SA	1457	CLR	20			271	63	8	12	14		036	FEW CI	JP
SA	1557	CLR	20			268	62	7	12	14		035	614 63 RADAT 20116	DC
SA	1658	CLR	20			275	60	6	09	11		036		DC
SA	1757	CLR	20			283	54	7	10	08		038		DC
SA	1856	CLR	20			289	54	7	09	07		039	212	DC
SA	1956	CLR	20			289	49	10	04	09		040		DC
SA	2055	CLR	20			291	50	11	04	11		041		DC
SA	2157	CLR	20			291	52	10	15	04		042	308 63	DC
SA	2256	CLR	20			287	53	10	06	06		041		DC
SA	2358	CLR	20			291	51	11	36	08		042		DC

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 5 1987

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	26.870			35	0														0	1	.030				00-01
01	56	26.880			36	0														0						01-02
02	54	26.880			35	0														0						02-03
03	53	26.910			33	0														0	3	.040				03-04
04	54	26.920			39	0														0						04-05
05	53	26.940			35	0														0						05-06
06	56	26.950			37	0														0	2	.040				06-07
07	54	26.960			30	0														0						07-08
08	53	26.970			23	0														0						08-09
09	54	26.980			21	0	0	CI	300											0	2	.030				09-10
10	50	26.970			15	0														0						10-11
11	54	26.970			13	0														0						11-12
12	53	26.950			11	0														0	8	.030				12-13
13	55	26.930			11	0														0						13-14
14	57	26.920			11	0														0						14-15
15	57	26.910			11	0														0	6	.040				15-16
16	58	26.920			11	0														0						16-17
17	57	26.935			15	0														0						17-18
18	56	26.945			15	0														0	2	.035				18-19
19	56	26.950			20	0														0						19-20
20	55	26.960			20	0														0						20-21
21	57	26.970			18	0														0	3	.025				21-22
22	56	26.965			18	0														0						22-23
23	58	26.975			20	0														0						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		49	43										
	0351	1	0	0	0	51	43		0								
	0950	2	0	0	0	53	39		0								
	1550	3	0	0	0	63	53		0								
	2150	4	0	0	0	62	46		0								
	MID.		0	0	0	55	49										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1553	2153
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.910	26.980	26.910	26.970
BAROGRAPH 64	26.905	26.980	26.910	26.960
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 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
63	39	0	0	0	22	SE	1357					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 0643 SUNSET 1713

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 CORRECT TO NEAREST MINUTE AT: 1040P / 2100P /

* BAROGRAPH CHANGED

TIMES CORRECTED AT 1152P

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WEMO, DESERT ROCK NEVADA

DATE: FEB 6 1987

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	0055	CLR	20			294	46	12	02	11		043	303	DC
SA	0156	CLR	20			291	48	12	04	09		042		DC
SA	0257	CLR	20			286	44	12	03	08		041		DC
SA	0353	CLR	20			286	47	10	04	08		041	607 43	JP
													RADAT 23120	
SA	0455	CLR	20			292	44	11	33	05		041		JP
SA	0554	CLR	20			302	45	11	07	06		044		JP
SA	0652	CLR	20			305	47	11	10	10		045	214	JP
SA	0757	CLR	20			313	52	12	11	10		047		JP
SA	0854	CLR	20			310	56	12	12	09		047		JP
SA	0952	CLR	20			307	59	12	12	13		047	107 43	JP
SA	1054	CLR	20			296	63	13	10	11		045		JP
SA	1157	CLR	20			282	64	13	08	13		041		JP
SA	1256	CLR	20			276	66	13	11	12		038	727	JP
SA	1353	CLR	20			271	66	13	09	12		037		JP
SA	1451	CLR	20			265	67	14	10	10		035		JP
SA	1557	CLR	20			256	66	15	06	10		033	817 1002 67	DC
													RADAT 20 116	
SA	1657	CLR	20			256	63	15	08	13		032	CI SW	DC
SA	1757	CLR	20			266	61	14	06	07		035	CI SW	DC
SA	1855	250 - BKN	20			275	51	17	08	06		036	308 1006	DC
SA	1954	250 - OVC	20			271	52	17	11	09		036		DC
SA	2057	E250 OVC	20			273	52	15	12	07		037		DC
SA	2158	250 - OVC	20			274	51	15	08	05		037	305 1007 67	DC
SA	2257	E250 OVC	20			276	48	17	04	06		038		DC
SA	2357	E250 OVC	20			275	50	16	10	05		038		DC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 6 1987

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 55	26.980			25	0															0	3	.010			00-01
01 56	26.975			23	0															0					01-02
02 57	26.960			27	0															0					02-03
03 53	26.960			22	0															0	6	.020			03-04
04 55	26.970			26	0															0					04-05
05 54	26.990			25	0															0					05-06
06 52	27.000			23	0															0	2	.040			06-07
07 57	27.020			20	0															0					07-08
08 54	27.030			17	0															0					08-09
09 52	27.030			15	0															0	1	.020			09-10
10 54	27.000			14	0															0					10-11
11 57	26.960			14	0															0					11-12
12 52	26.940			13	0															0	7	.080			12-13
13 53	26.930			13	0															0					13-14
14 51	26.910			13	0															0					14-15
15 57	26.890			14	0	0	CI	250												0	8	.050			15-16
16 57	26.880			15	0															0					16-17
17 57	26.905			16	0															0					17-18
18 55	26.915			26	8	8	CS	250												1	3	.025			18-19
19 54	26.915			25	10															0					19-20
20 57	26.925			23	10															8					20-21
21 58	26.930			24	10	10	CS	250												5	3	.015			21-22
22 57	26.940			29	10															7					22-23
23 57	26.940			26	10															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	MIN. TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	52	43	X	X						X		
	0352	1	0	0	0	55	43		0								
	0951	2	0	0	0	59	43		0								
	1550	3	0	0	0	67	58		0								
	2151	4	0	0	0	66	50		0								
	MID.	X	0	0	0	51	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.960	27.030	26.890	26.930
BAROGRAPH 64	26.950	27.000	26.900	26.920
BAR. CORR. 65	+.010	+.030	-.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 UNHL 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
67	43	0	0	0	20	E	1234					0	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0642 SUNSET 1714

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 CORRECT TO NEAREST MINUTE AT: 1041AP / 2000P /

* 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: FEB 7 1987

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	0055	E250 OVC	20			270	50	16	12	06		037	000 1007	DC
SA	0156	250-OVC	20			272	51	16	09	06		038		DC
SA	0255	E250 OVC	20			272	50	18	06	06		038		DC
SA	0356	E250 OVC	20			272	52	19	06	09		038	103 1007 47	JP
/	/												RADAT 20112	/
SA	0453	E250 OVC	20			275	50	18	11	07		038		JP
SA	0553	E250 OVC	20			276	50	18	09	08		038		JP
SA	0655	130 SCT E250 OVC	20			276	49	18	08	06		040	303 1077	JP
SA	0756	130 SCT E250 OVC	20			284	50	19	10	08		042		JP
SA	0853	130 SCT E200 OVC	20			284	50	20	11	09		042		JP
SA	0952	E180 OVC	20			289	53	20	11	08		041	003 1007 46	JP
SA	1053	130 SCT E180 OVC	20			284	59	20	12	12		040		JP
SA	1154	130 SCT E180 OVC	20			270	59	22	11	11		036	BINOVC SW	JP
SA	1253	130 SCT E180 BKN	20			252	63	19	11	12		032	827 1078	JP
SA	1352	180-BKN	20			235	66	21	E10	10		027		JP
SA	1453	200-BKN	20			232	65	20	E10	10		026		JP
SA	1558	200-OVC	20			225	64	14	10	09		024	724 1007 66	DC
/	/												RADAT 20113	/
SA	1653	E200 OVC	20			225	62	14	09	06		024		DC
SA	1754	E200 OVC	20			225	56	15	06	03		023		DC
SA	1855	E200 OVC	20			226	55	16	12	07		023	603 1007	DC
SA	1957	200-OVC	20			223	53	16	08	07		022		DC
SA	2057	200-OVC	20			215	56	14	09	08		020		DC
SA	2156	250-OVC	20			219	50	15	03	05		021	507 1007 66	DC
SA	2257	250-OVC	20			219	48	16	04	03		021		DC
SA	2358	250-OVC	20			217	48	16	14	03		021		DC

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 7 1987

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 55	26.930			26	10	10	CS	E250												8	0	.000			00-01
01 56	26.940			25	10															4					01-02
02 55	26.940			28	10															9					02-03
03 56	26.940			27	10	10	CS	E250												10	1	.010			03-04
04 53	26.940			28	10															10					04-05
05 53	26.940			28	10															10					05-06
06 55	26.950			29	10	2	AC	130	10	CS	E250	10								10	3	.010			06-07
07 56	26.970			29	10															10					07-08
08 53	26.970			30	10															10					08-09
09 52	26.960			27	10	10	CS	E180												10	0	.010			09-10
10 53	26.950			23	10															9					10-11
11 54	26.920			24	10															9					11-12
12 53	26.880			18	9	1	AC	130	8	CS	E180	9								7	8	.080			12-13
13 52	26.840	66.0	46.2	18	9															4					13-14
14 53	26.830	64.7	41.3	14	9															1					14-15
15 58	26.810			14	10	10	CS	200												4	7	.070			15-16
16 53	26.805			15	10															6					16-17
17 54	26.800			20	10															7					17-18
18 55	26.800			21	10	10	CS	E200												6	6	.010			18-19
19 57	26.790			23	10															4					19-20
20 57	26.770			19	10															4					20-21
21 56	26.780			24	10	10	CS	250												3	5	.020			21-22
22 57	26.780			28	10															4					22-23
23 58	26.780			28	10															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 0334	X	0	0	X	52	49	X	X						X		
	0324	1	0	0	0	52	47		0								
	0950	2	0	0	0	53	46		0								
	1550	3	0	0	0	66	53		0								
	2150	4	0	0	0	64	50		0								
	MID.	X	0	0	0	51	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0952	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.940	26.960	26.810	26.780
BAROGRAPH 64	26.940	26.940	26.810	26.775
BAR. CORR. 65	+.000	+.000	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
66	46	0	0	0	17*	E	1338					10	10		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0641 SUNSET 1715

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 CORRECT TO NEAREST MINUTE AT: 1033P/1459P / 1825P

POWER OTS 1340P — RTS 1456P

* INCOMPLETE GUST RECORD

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986 634-383

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: FEB 8 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	250 - OVC	20			212	47	15	12	05		020	803 1007	DC
SA	0155	250 - BKN	20			206	47	15	04	05		018		DC
SA	0255	250 - OVC	20			209	44	16	00	00		018		DC
SA	0349	250 - OVC	20			210	43	17	00	00		018	603 1007 41 RADAT 22100	AD
SA	0449	250 - OVC	20			207	43	16	30	03		017		AD
SA	0549	250 - OVC	20			209	45	16	32	06		017		AD
SA	0649	180 SCT E250 OVC	20			215	42	16	00	00		018	500 1028	AD
SA	0749	180 SCT E 250 BKN	20			212	49	16	06	05		018		AD
SA	0849	180 SCT E 250 BKN	20			208	54	17	18	05		018		AD
SA	0949	180 SCT E250 OVC	20			210	58	16	00	00		018	400 1028 40	AD
SA	1049	E250 OVC	20			201	61	15	14	07		016		AD
SA	1149	E250 BKN	20			191	65	17	33	04		014		AD
SA	1249	250 SCT	20			175	68	15	16	05		009	827 1008	AD
SA	1349	250 - SCT	20			168	68	14	20	04		007		AD
SA	1449	250 - BKN	20			170	67	14	06	03		007		AD
SA	1552	80 SCT E250 BKN	20			160	65	13	02	10		004	817 1508 68 RADAT 26094	CRD
SA	1651	80 SCT E250 OVC	20			160	64	13	08	08		004		CRD
SA	1754	80 SCT E250 OVC	20			158	54	14	07	03		003		CRD
SA	1850	80 SCT 120 SCT E250 OVC	20			165	58	15	09	09		004	500 1577	CRD
SA	1954	80 SCT 120 SCT E250 OVC	20			162	54	17	33	03		004		CRD
SA	2051	120 SCT E250 OVC	20			163	50	19	11	04		004		CRD
SA	2151	80 SCT 120 SCT E250 OVC	20			158	53	17	27	04		004	400 1577 68	CRD
SA	2250	80 SCT 120 SCT E250 OVC	20			164	48	20	09	04		006		CRD
SA	2351	120 SCT E250 BKN	20			164	48	19	08	06		006		CRD

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 8 1987

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 56	26.770			27	10	10	CS	250												1	8	.010			00-01
01 55	26.760			27	6															2					01-02
02 55	26.760			32	10															3					02-03
03 49	26.760			35	10	10	CS	250												4	6	.010			03-04
04 49	26.750			33	10															4					04-05
05 49	26.750			31	10															4					05-06
06 49	26.760			35	10	3	AS	180	7	CS	E250	10								8	5	.000			06-07
07 49	26.760			27	9															5					07-08
08 49	26.760			23	9															5					08-09
09 49	26.760			19	10	2	AS	180	8	CS	E250	10								6	4	.000			09-10
10 49	26.740			16	10															7					10-11
11 49	26.720			16	8															5					11-12
12 49	26.680			13	5	5	CS	250												3	8	.080			12-13
13 49	26.660			12	4															1					13-14
14 49	26.660			13	7															3					14-15
15 52	26.630			13	9	1	SC	80	8	CS	E250	9								5	8	.050			15-16
16 51	26.630			13	10															6					16-17
17 54	26.620			16	10															8					17-18
18 50	26.630			18	10	3	SC	80	2	AC	120	5	5	CS	E250	10				7	5	.000			18-19
19 54	26.630			23	10															8					19-20
20 51	26.630			29	10															7					20-21
21 51	26.630			24	10	4	SC	80	1	AC	120	5	5	CS	E250	10				6	4	.000			21-22
22 50	26.645			33	10															6					22-23
23 51	26.645			31	7															5					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	49	41	X	X						X		
	0345	1	0	0	0	51	41		0								
	0945	2	0	0	0	58	40		0								
	1545	3	0	0	0	[illegible]	[illegible]		[illegible]								
	2145	4	0	0	0	65	50		0								
	MID.	X	0	0	0	53	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.760	[illegible]	[illegible]
BAROGRAPH 64	26.150	26.150	[illegible]	[illegible]
BAR. CORR. 65	+.010	+.010	0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
68	40	0	0	0	13	NW	1157					8	9		

WEATHER & OBSTRUCTIONS TO VISION

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

99. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0640 SUNSET 1716

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 CORRECT TO NEAREST MINUTE AT: 1090PI 1800PI

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: FEB 9 1987

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	120 SCT E250 OVC	20			162	47	19	08	04		006	105 1077	CRD
SA	0153	120 SCT E250 OVC	20			158	49	18	36	04		005		CRD
SA	0250	120 SCT E250 OVC	20			157	46	20	14	03		004		CRD
SA	0349	120 SCT E250 OVC	20			154	47	19	07	03		003	708 1077 46 RADAT 37094	AD
SA	0449	120 SCT E250 OVC	20			154	47	20	02	07		003		AD
SA	0549	120 SCT E250 OVC	20			161	46	21	01	04		004		AD
SA	0649	120 SCT E250 OVC	20			164	50	18	12	06		005	307 1077	AD
SA	0749	E120 BKN 250 OVC	20			174	49	22	08	05		007	RWU SE-SW	AD
SA	0849	E120 BKN 250 OVC	20			182	51	22	01	03		009	RWU S.	AD
SA	0949	75 SCT E M100 BKN 250 OVC	20			171	55	20	04	05		007	007 1578 46	AD
SA	1049	100 SCT E250 BKN	20			170	62	20	12	07		007		AD
SA	1149	100 SCT 250 SCT	20			155	64	21	11	08		003		AD
SA	1249	100 SCT E250	20			146	63	21	12	13		001	820 1501	AD
SA	1349	100 SCT 250 - BKN	20			138	65	22	13	11		998		AD
SA	1449	100 SCT 250 - BKN	20			135	66	24	04	06		997		AD
SA	1555	100 SCT E250 OVC	20			132	64	23	10	04		997	712 1502 67 RADAT 18092	CRD
SA	1650	100 SCT E250 OVC	20			134	61	27	27	03		997		CRD
SA	1750	E100 BKN 250 OVC	20			138	59	25	22	04		997		CRD
SA	1854	E100 OVC	20			140	58	25	25	04		998	305 15//	CRD
SA	1950	E100 BKN 180 OVC	20			143	58	25	21	10		999		CRD
SA	2052	M55 BKN 100 OVC	20		RW-	145	57	29	29	04		999	RB45	CRD
SA	2150	M55 BKN 100 OVC	20			148	55	39	25	05		001	RE05/20700 15// 67	CRD
SA	2250	M60 OVC	20			144	54	38	05	05		001		CRD
SA	2350	E80 OVC	20			143	54	38	07	05		001		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: FEB 9 1987

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	26.645			33	10	3	AC	120	7	CS	E250	10								6	1	.015			00-01
01 53	26.640			29	10															7					01-02
02 50	26.630			35	10															7					02-03
03 49	26.620			33	10	4	AC	120	6	CS	E250	10								8	7	.026			03-04
04 49	26.620			34	10															8					04-05
05 49	26.630			37	10															7					05-06
06 49	26.640			28	10	5	AC	120	5	CS	E250	10								10	3	.020			06-07
07 49	26.660			34	10															10					07-08
08 49	26.680			32	10															10					08-09
09 49	26.660			25	10	3	SC	75	5	AC	E100	8	2	CS	250	10				10	0	.020			09-10
10 49	26.660			20	7															5					10-11
11 49	26.620			19	5															5					11-12
12 49	26.600			20	6	5	SC	100	1	CI	250	6								5	8	.060			12-13
13 49	26.580			19	8															3					13-14
14 49	26.570			20	8															3					14-15
15 55	26.565			21	10	2	SC	100	8	CI	E250	10								6	7	.035			15-16
16 50	26.565			27	10															7					16-17
17 50	26.570			27	10															8					17-18
18 54	26.580			28	10	10	SC	E100												10	3	.015			18-19
19 50	26.585			28	10															10					19-20
20 52	26.590			34	10															10					20-21
21 50	26.600			55	10	6	SC	MSS	4	SC	100	10								10	2	.020			21-22
22 50	26.600			55	10															10					22-23
23 50	26.600			55	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		49	46										
	0345	1	0	0	0	53	46		0								
	0745	2	0	0	0	55	46		0								
	1550	3	0	0	0	67	55		0								
	2145	4	T	0	0	64	55		0								
	MID.		0	0	0	55	53										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2149
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.660	26.565	26.600
BAROGRAPH 64	26.630	26.650	26.555	26.600
BAR. CORR. 65	-.010	+.010*	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Ens.) 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	46	T	0	0	17	SE	1229					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW-	2045	2105			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0639 SUNSET 1718

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 CORRECT TO NEAREST MINUTE AT: 0500/7-Ø 1/1800P1

* MICROBAROGRAPH RESET & CHANGED 0950

0949/SKY & CIL E100/0100 2/10/87

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 10 1987

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. METHOD (15)
SA	0050	M75 OVC	20			147	51	38	35	03		001	400 15//	CRD
SA	0150	E75 BKN	20			146	48	38	08	05		001		CRD
SA	0250	75 SCT E250 BKN	20			145	49	37	09	05		001		CRD
SA	0349	75 SCT E250 BKN	20			145	49	38	10	03		001	400 1502 47 RADAT 55086	AD
SA	0449	75 SCT E250 BKN	20			145	48	37	00	00		001		AD
SA	0549	75 SCT 250 SCT	20			158	43	35	05	03		003		AD
SA	0649	75 SCT 250-BKN	20			167	42	35	00	00		005	314 1501	AD
SA	0749	100 SCT 250-BKN	20			172	48	34	34	04		007		AD
SA	0849	100 SCT 250-SCT	20			168	56	34	24	03		007		AD
SA	0949	100 SCT 250 -SCT	20			168	59	36	08	03		007	107 1501 41	AD
SA	1049	100 SCT 250 SCT	20			168	61	37	12	14		007		AD
SA	1149	100 SCT 250 SCT	20			160	62	35	17	03		005		AD
SA	1249	100 SCT	20			151	65	36	04	07		003	814 1500	AD
SA	1349	100 SCT	20			145	65	37	18	06		001		AD
SA	1449	100 SCT	20			145	66	36	24	09		001		AD
SA	1549	100 SCT	20			138	63	36	22	05		998	814 1500 66 RADAT 88090	CRD
SA	1649	100 SCT	20			139	64	36	22	03		999		CRD
SA	1750	100 SCT 250 SCT	20			150	60	37	27	04		001		CRD
SA	1850	E100 BKN	20			156	59	38	15	03		002	210 1500	CRD
SA	1950	100 SCT	20			158	57	39	18	05		003		CRD
SA	2050	100 SCT	20			159	50	38	35	04		004		CRD
SA	2150	100 SCT 250 SCT	20			159	50	40	14	03		004	207 1501 66	CRD
SA	2250	100 SCT	20			164	49	39	06	03		005		CRD
SA	2352	100 SCT	20			162	50	39	01	05		005		CRD

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
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: FEB 10 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600			61	10	10	Sc	M75												9	4	.000			00-01
01 50	26.600			68	7															7					01-02
02 50	26.600			63	6															5					02-03
03 49	26.600			66	7	3	Sc	75	4	Ci	E250	7								6	4	.000			03-04
04 49	26.600			66	7															6					04-05
05 49	26.620			73	4															4					05-06
06 49	26.640			76	7	3	Sc	75	4	Ci	250	7								3	3	.040			06-07
07 49	26.660			58	6															3					07-08
08 49	26.660			43	5															2					08-09
09 49	26.660			42	5	2	Sc	100	3	Ci	250	5								2	1	.020			09-10
10 49	26.660			41	4															3					10-11
11 49	26.640			36	4															3					11-12
12 49	26.620			34	5	5	Sc	100												5	8	? .040			12-13
13 49	26.600			35	5															5					13-14
14 49	26.600			33	4															4					14-15
15 49	26.580			37	4	4	Sc	100												4	8	.090			15-16
16 49	26.585			35	4															4					16-17
17 50	26.600			42	5															5					17-18
18 49	26.610			46	6	6	Sc	E100												5	2	.030			18-19
19 50	26.620			51	3															3					19-20
20 50	26.625			63	3															3					20-21
21 50	26.630			68	4	2	Sc	100	2	Ci	250	4								3	2	.020			21-22
22 50	26.640			68	5															4					22-23
23 52	26.640			66	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	55	47	X	X						X		
	0345	1	0	0	0	55	47		0								
	0945	2	0	0	0	60	41		0								
	1551	3	0	0	0	66	59		0								
	2148	4	0	0	0	64	49		0								
	MID.	X	0	0	0	50	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.660	26.580	26.630
BAROGRAPH 64	26.600	26.650	26.570	26.630
BAR. CORR. 65	Ø	+.010	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4 AM 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
66	41	0	0	0	15	SE	1043					5	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 0638 SUNSET 1719

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 CORRECT TO NEAREST MINUTE AT: 1 0800P / 1800P

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 11 1987

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	0050	100 SCT	20			160	48	38	33	04		005	103 1500	CRD
SA	0159	100 SCT	20			160	48	39	11	05		005		CRD
SA	0250	100 SCT E250 BKN	20			158	47	39	10	03		004		CRD
SA	0349	100 SCT 250-OVC	20			161	46	39	33	07		005	500 1509 46 RADAT 83088	AD
SA	0449	100 SCT 250-OVC	20			169	48	39	05	05		007		AD
SA	0549	E100 BKN 250 OVC	20			171	48	40	07	04		007		AD
SA	0649	E100 BKN 250 OVC	20			171	49	40	00	00		007	107 1509	AD
SA	0749	E100 BKN 220 OVC	20			179	51	41	00	00		009		AD
SA	0849	E100 BKN 220 OVC	20			187	56	41	00	00		012		AD
SA	0949	E80 BKN 200 OVC	20			194	57	40	28	04		014	220 1502 46	AD
SA	1049	E80 BKN 180 OVC	20			195	57	41	00	00		014		AD
SA	1149	E80 BKN 160 OVC	20			192	59	42	00	00		014		AD
SA	1249	E80 BKN 140 OVC	20			186	60	41	23	03		012	307 1521	AD
SA	1349	E80 BKN 140 OVC	20			181	61	41	01	04		011	MTN TOPS OBSCD VIRGA SW	AD
SA	1449	80 SCT 140 SCT E220 OVC	20			177	62	42	12	07		010		AD
SA	1552	80 SCT 140 SCT E250 OVC	20			179	62	41	11	04		010	607 1528 63 RADAT 87091	HS
SA	1650	80 SCT E140 BKN 250 OVC	20			175	60	41	18	03		009		HS
SA	1750	80 SCT 140 SCT E250 OVC	20			180	58	42	12	04		010		HS
SA	1852	80 SCT 140 SCT 250-BKN	20			182	52	41	12	06		010	500 1528	HS
SA	1952	140 SCT 250-BKN	20			184	51	41	12	05		011		HS
SA	2050	250-OVC	20			188	49	41	04	05		012		HS
SA	2152	250-BKN	20			191	49	41	36	03		013	210 1008 63	HS
SA	2251	E140 BKN	20			191	49	41	00	00		013		HS
SA	2350	140 SCT	20			190	49	41	00	00		013		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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 11 1987

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	26.640			68	3	3	Sc	100												3	1	.010			00-01
01 54	26.640			71	3															3					01-02
02 50	26.630			74	8															6					02-03
03 49	26.640			68	10	2	Sc	100	8	Cc	250	10								4	5	.000			03-04
04 49	26.660			71	10															4					04-05
05 49	26.660			74	10															8					05-06
06 49	26.660			71	10	6	Sc	E100	4	Cc	250	10								9	1	.020			06-07
07 49	26.680			69	10															9					07-08
08 49	26.700			57	10															10					08-09
09 49	26.720			53	10	7	Sc	E80	3	Ci	200	10								10	2	.060			09-10
10 49	26.720			55	10															10					10-11
11 49	26.720			53	10															10					11-12
12 49	26.700			49	10	8	Sc	E80	2	As	140	10								10	8	.020			12-13
13 49	26.690			48	10															10					13-14
14 49	26.680			48	10															9					14-15
15 52	26.680			47	10	1	Sc	80	3	As	140	4	6	Cs	E250	10				8	6	.020			15-16
16 50	26.670			50	10															9					16-17
17 50	26.680			55	10															8					17-18
18 52	26.680			66	8	1	Sc	80	2	As	140	3	5	Cs	250	8				4	5	.000			18-19
19 52	26.685			68	7															3					19-20
20 50	26.700			72	10															5					20-21
21 52	26.710			72	7	7	Cs	250												3	2	.030			21-22
22 51	26.710			73	7															7					22-23
23 50	26.710			73	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	50	46	X	X						X		
	0345	1	0	0	0	50	46		0								
	0945	2	0	0	0	57	46		0								
	1550	3	0	0	0	63	56		0								
	2150	4	0	0	0	62	47		0								
	MID.	X	0	0	0	49	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.720	26.680	26.710
BAROGRAPH 64	26.630	26.700	26.665	26.705
BAR. CORR. 65	+.010	+.020	+.015	+.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	447 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	46	0	0	0	8	N	0358					10	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0637 SUNSET 1720

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 CORRECT TO NEAREST MINUTE AT: 0500/ 1800 / /

0349/0349

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 12 1987

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	0051	120 SCT	20			187	46	41	04	05		012	803 1030	HS
SA	0150	250 - SCT	20			189	44	40	05	03		012	A-W	HS
SA	0250	120 SCT 250 SCT	20			183	42	39	02	05		011	8	HS
SA	0350	120 SCT 250 SCT	20			183	46	41	13	03		011	803 1038 42 RADAT 94085	008
SA	0450	120 SCT 250 SCT	20			187	45	41	04	05		012		008
SA	0553	120 SCT 250 SCT	20			193	44	41	06	03		013		008
SA	0655	120 SCT 250 SCT	20			200	43	41	04	03		014	210 1036	008
SA	0750	120 SCT 250 - BKN	20			210	47	42	36	03		017		008
SA	0851	120 SCT 250 - BKN	20			202	54	43	36	04		016		008
SA	0955	120 SCT 250 - SCT	20			205	58	44	29	05		017	208 1036 42	008
SA	1057	100 SCT 200 - BKN	20			205	61	43	32	05		017		008
SA	1154	100 SCT 200 - BKN	20			191	63	43	30	04		014		008
SA	1250	100 SCT 200 - BKN	20			186	62	42	22	07		012	815 1201	008
SA	1357	100 SCT 200 - BKN	20			187	63	41	24	07		012		008
SA	1455	100 SCT 200 - BKN	20			180	63	41	25	07		010		008
SA	1552	100 SCT 200 - OVC	20			175	62	40	26	07		008	810 1207 64	008
SA	1650	E 200 OVC	20			172	61	39	25	08		008	FEW CU RADAT 36096	HS
SA	1751	E 250 OVC	20			178	58	37	26	04		009		HS
SA	1851	250 - OVC	20			180	55	38	04	05		009	500 1007	HS
SA	1950	E 250 BKN	20			183	54	38	10	07		010		HS
SA	2051	250 - OVC	20			179	54	38	11	06		010		HS
SA	2152	250 - SCT	20			171	50	38	12	08		008	803 1038 64	HS
SA	2251	250 - BKN	20			169	51	40	13	06		008		HS
SA	2350	E 250 OVC	20			161	51	38	14	04		006		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 $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 12 1987

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	26.700			83	1	1	Ac	120												1	8	.010			00-01
01 50	26.700			87	1															0					01-02
02 50	26.685			91	3															3					02-03
03 50	26.690			83	3	1	Ac	120	2	cs	250	3								2	8	.010			03-04
04 55	26.700			86	3															2					04-05
05 53	26.710			89	4															3					05-06
06 55	26.720			93	4	1	Ac	120	3	ci	250	4								3	2	.030			06-07
07 50	26.750			83	8															2					07-08
08 57	26.735			66	8															2					08-09
09 55	26.745			60	5	4	Ac	120	1	ci	250	5								2	2	.025			09-10
10 57	26.750			52	8															2					10-11
11 54	26.720			48	7															2					11-12
12 50	26.700			48	8	3	cu	100	5	ci	200	8								3	8	.045			12-13
13 57	26.700			45	9															3					13-14
14 55	26.680			45	9															3					14-15
15 52	26.670			44	10	2	cu	100	8	cs	200	10								4	8	.030			15-16
16 50	26.660			44	10															7					16-17
17 51	26.670			46	10															6					17-18
18 51	26.670			53	10	10	Cs	250												5	5	.000			18-19
19 50	26.680			55	8															5					19-20
20 51	26.680			54	10															5					20-21
21 52	26.660			63	4	0	Ac	150	4	Cs	250	4								2	8	.010			21-22
22 51	26.660			67	9															4					22-23
23 50	26.640			62	10															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 0349	X	0	0	X	50	42	X	X						X		
	0349	1	0	0	0	50	42		0								
	0554	2	0	0	0	59	43		0								
	1551	3	0	0	0	64	58		0								
	2150	4	0	0	0	62	50		0								
	MID.	X	0	0	0	53	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1557	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.745	26.670	26.660
BAROGRAPH 64	26.685	26.743	26.675	26.670
BAR. CORR. 65	+.005	+0	-.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (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 SUN RISE TO SUNSET 78	SKY COVER MID-NIGHT TO MID-NIGHT 79	WATER EQUIV. (Ins.) 80	81
64	42	0	0	0	15	SW	1403					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0636 SUNSET 1721

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 CORRECT TO NEAREST MINUTE AT: 1035P / 1805 /

0350/1038/0910 2-17

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 13 1987

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)	OBS. MINUTES (16)
SA	0050	E250 OVC	20			161	49	37	07	04		005	607 1007	HS
SA	0151	E250 OVC	20			160	47	38	35	05		005		HS
SA	0250	250-BKN	20			151	47	39	00	00		002		HS
SA	0310	250-BKN	20			153	43	36	01	04		002	610 1008 43	008
SA	0450	250-BKN	20			135	45	36	08	10		997	RADAT 55111	008
SA	0551	250-BKN	20			160	45	37	11	08		004		008
SA	0655	E250 BKN	20			151	48	36	02	06		001	703 1006	008
SA	0750	120 SCT E200 BKN	20			154	46	38	11	03		002		008
SA	0853	120 SCT E200 BKN	20			156	52	39	35	04		003		008
SA	0949	E120 BKN 200 BKN	20			145	55	40	06	06		999	803 1206 43	008
SA	1050	120 SCT E200 BKN	20			145	57	39	04	03		999		008
SA	1149	60 SCT E100 BKN 200 BKN	20			135	60	40	22	06		998		008
SA	1254	60 SCT E100 BKN 200 BKN	20			112	61	42	20	12		991	PRESFR / 827 1276	008
SA	1350	60 SCT E100 BKN 200 BKN	20			117	61	43	21	12	G17	992		008
SA	1450	E60 BKN 100 BKN 200 OVC	20			110	61	43	20	13	G18	990		008
SA	1552	E60 BKN 200 BKN	20			097	59	45	21	09		986	817 1208 62	HS
SA	1650	60 SCT	20			096	59	45	23	13		986	RADAT 93090	HS
SA	1752	60 SCT	20			098	57	45	20	10	G19	986		HS
SA	1850	CLR	20			096	55	44	23	15		986	FEW CU 400 1200	HS
SA	1952	CLR	20			094	55	42	00	00		984		HS
SA	2050	CLR	20			087	55	42	20	14	G22	983		HS
SA	2151	CLR	20			093	54	41	25	08		986	FEW SC 500 1400 62	HS
SA	2250	60 SCT	20			101	53	34	24	11	G18	988		HS
SA	2350	60 SCT	20			121	50	40	31	09		993	OCNL LTGIC DSNT SE	HS

A synoptic observation using WMO code Fm 12-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
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 13 1987

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	26.640			63	10	10	Cs	250												7	6	.020			00-01
01 51	26.635			73	10															6					01-02
02 50	26.610			73	8															4					02-03
03 50	26.610			76	6	6	cs	250												2	6	.030			03-04
04 50	26.565			71	6															3					04-05
05 51	26.625			73	6															3					05-06
06 55	26.600			63	8	8	ci	6250												7	7	.010			06-07
07 50	26.605			74	9															8					07-08
08 53	26.620			61	8															7					08-09
09 49	26.590			57	9	6	cu	6120	3	ci	300	9								9	8	.010			09-10
10 50	26.590			51	9															8					10-11
11 49	26.575			48	9															8					11-12
12 54	26.570			50	8	3	cu	60	4	ac	6100	7	1	cu	200	8				7	8	.080			12-13
13 50	26.520			52	8															7					13-14
14 50	26.500			52	10															7					14-15
15 51	26.460			60	9	7	cu	660	2	cs	800	9								7	8	.020			15-16
16 50	26.460			62	5															5					16-17
17 52	26.460			64	5															5					17-18
18 50	26.460			67	0	0	Cu	60												0	4	.000			18-19
19 52	26.450			62	0															0					19-20
20 50	26.440			63	0															0					20-21
21 51	26.460			62	0	0	Sc	60												0	5	.000			21-22
22 50	26.480			59	2															2					22-23
23 50	26.530			69	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 0349	X	0	0	X	52	43	X	X						X		
	0349	1	0	0	0	53	43		0								
	0948	2	0	0	0	55	43		0								
	1550	3	0	0	0	62	55		0								
	2149	4	0	0	0	61	54		0								
	MID.	X	0	0	0	54	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.590	26.460	26.460
BAROGRAPH 64	26.610	26.590	26.460	26.450
BAR. CORR. 65	±0	±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	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
62	43	0	0	0	25	SW	1720					8	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0635 SUNSET 1722

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 CORRECT TO NEAREST MINUTE AT: 1 0847P / 1800 /

1000P – CHANGED BAROGRAM

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: FEB 14 1987

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			133	47	17	33	10		997	SC SE 234 1500	HS
SA	0150	CLR	20			139	48	16	32	11		999		HS
SA	0250	CLR	20			149	45	19	33	05		001		HS
SA	0349	CLR	20			156	40	21	05	03		002	117 40 RAAA7 44067	008
SA	0451	CLR	20			160	42	21	29	09		003		008
SA	0553	CLR	20			172	43	20	36	04		006		008
SA	0650	CLR	20			182	40	20	34	08		008	220	008
SA	0749	250 - SCT	20			182	46	20	04	05		010		008
SA	0850	250 - SCT	20			180	49	19	32	10		010		008
SA	0949	250 - SCT	20			183	52	20	04	06		011	207 1001 38	008
SA	1050	250 - SCT	20			183	55	18	32	10		011		008
SA	1150	250 - SCT	20			176	56	16	34	08		008		008
SA	1255	250 - SCT	20			170	57	17	08	07		006	814 1001	008
SA	1351	250 - SCT	20			164	58	15	15	03		005		008
SA	1453	250 - BKN	20			161	59	15	08	08		004		008
SA	1552	250 - BKN	20			160	59	13	03	07		003	710 1001 59 RADAT 31080	HS
SA	1652	250 - BKN	20			165	56	12	00	00		004		HS
SA	1751	250 - BKN	20			169	49	17	07	08		004		HS
SA	1851	250 - BKN	20			174	48	16	08	05		005	207 1001	HS
SA	1953	250 - BKN	20			170	49	15	09	07		005		HS
SA	2050	250 - OVC	20			166	46	17	00	00		004		HS
SA	2150	250 - OVC	20			160	46	17	34	03		003	807 1001 59	HS
SA	2251	250 - OVC	20			152	44	19	28	04		001		HS
SA	2350	250 - OVC	20			148	45	19	09	04		000		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$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: FEB 14 1987

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	26.560			29	0	0	SC	60												0	2	.100			00-01
01 50	26.580			27	0															0					01-02
02 50	26.600			35	0															0					02-03
03 49	26.610			46	0															0	1	.050			03-04
04 51	26.620			53	0															0					04-05
05 53	26.650			40	0															0					05-06
06 50	26.670			44	0															0	2	.060			06-07
07 49	26.680			35	3															1					07-08
08 50	26.680			30	5															1					08-09
09 49	26.690			28	4	4	CI	250												1	2	.020			09-10
10 50	26.690			23	3															1					10-11
11 50	26.670			21	3															1					11-12
12 55	26.650			21	1	1	CI	250												0	8	.040			12-13
13 51	26.640			18	2															1					13-14
14 53	26.630			18	7															1					14-15
15 52	26.620			16	7	7	CI	250												1	7	.030			15-16
16 52	26.630			17	8															3					16-17
17 51	26.630			28	9															4					17-18
18 51	26.640			27	9	9	CI	250												3	2	.020			18-19
19 53	26.640			26	8															2					19-20
20 50	26.630			30	10															5					20-21
21 50	26.620			31	10	10	CI	250												4	8	.020			21-22
22 51	26.600			37	10															4					22-23
23 50	26.590			35	10															4					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 0348		0	0		50	40										
	0348	1	0	0	0	54	40		0								
	0448	2	0	0	0	52	38		0								
	1550	3	0	0	0	59	52		0								
	2148	4	0	0	0	59	45		0								
	MID.		0	0	0	47	43										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0448	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.690	26.620	26.620
BAROGRAPH 64	26.605	26.690	26.620	26.620
BAR. CORR. 65	+.005	±0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	6 AM 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
59	38	0	0	0	17	NW	0032					4	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0634 SUNSET 1723

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 CORRECT TO NEAREST MINUTE AT: 1034GT / 1800 /

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 15 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0053	E250 OVC	20			137	46	18	12	03		997	819 1002	HS
SA	0150	150 SCT E250 OVC	20			129	48	16	13	07		996		HS
SA	0250	150 SCT E250 OVC	20			115	46	18	02	05		991		HS
SA	0353	120 SCT E250 OVC	20			117	43	20	08	03		991	619 1057 43 RADAT 26683	RD
SA	0456	120 SCT E250 OVC	20			109	40	18	36	03		988		RD
SA	0551	120 SCT 250 SCT	20			115	38	18	06	05		980		RD
SA	0654	120 SCT 250 SCT	20			109	35	18	00	00		989	812 1071	RD
SA	0753	E120 BKN 250 BKN	20			110	42	20	15	08		987		RD
SA	0851	120 SCT 250 SCT	20			104	47	21	34	03		986		RD
SA	0954	140 SCT 250 SCT	20			095	56	18	19	03		985	808 7 1071 35	RD
SA	1051	140 SCT	20			095	58	17	16	06		982		RD
SA	1152	140 SCT	20			069	59	21	18	11		978	FEW C4	RD
SA	1258	200 - BKN	20			062	60	29	21	17		976	927 1106	RD
SA	1351	70 SCT 200 - BKN	20			058	59	30	22	18		976		RD
SA	1454	70 SCT 200 - BKN	20			062	60	30	21	12		976		RD
SA	1558	70 SCT E200 BKN	20			055	60	30	21	11		973	808 1101 61 RADAT 60079	EP
SA	1651	70 SCT 200 SCT	20			058	58	29	21	09		973	TCU N	EP
SA	1758	70 SCT 200 SCT	20			058	53	29	22	05		972	TCU W-N	EP
SA	1853	E200 BKN	20			083	50	23	36	23 G30		978	315 1208	EP
SA	1951	20 SCT E50 OVC	10		RW-	066	42	39	02	15		973	RB10	EP
SP	2028	M16 BKN 40 OVC	10		RW-				03	16		973		EP
SA	2052	M16 BKN 50 OVC	10		RW-	064	43	36	06	14		973		EP
SP	2102	16 SCT M50 OVC	20						07	16		972	RE01	EP
SA	2158	20 SCT 50 SCT E80 OVC	20			106	43	37	18	03		987	PRESRR/32921 ~~61 17~~	EP
/						~~44~~	~~37~~						182/61	/
SA	2250	50 SCT E80 OVC	20			109	44	37	07	07		988		EP
SA	2352	100 SCT E200 OVC	20			108	45	31	02	15		988		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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: FEB 15 1987

To convert LST to GMT ADD 0 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	26.565			32	10	10	Ci	E250												7	8	.055			00-01
01 50	26.550			27	10															8					01-02
02 50	26.510			33	10															9					02-03
03 53	26.510			40	10	3	Ac	120	10	Cs	E250	10								9	6	.055			03-04
04 56	26.485			41	10															9					04-05
05 51	26.485			44	5															5					05-06
06 54	26.475			50	3	3	Ac	120	0	Ci	250	3								3	8	.035			06-07
07 53	26.475			41	7															6					07-08
08 51	26.465			36	4															4					08-09
09 54	26.455			22	3	0	Ac	120	3	Ac	140	3	0	Ci	250	3				3	8	.020			09-10
10 51	26.425			20	2															2					10-11
11 52	26.390			23	2															2					11-12
12 58	26.375			31	6	0	Cu	70	6	Ci	200	6								3	7	.080			12-13
13 51	26.370			33	7															3					13-14
14 54	26.375			32	7															3					14-15
15 58	26.350			32	7	1	Cu	70	7	Ci	E200	7								4	8	.025			15-16
16 51	26.350			33	5															5					16-17
17 58	26.340			40	3															3					17-18
18 53	26.395			35	8	0	Cu	70	8	Cs	E200	8								8	3	.045			18-19
19 51	26.350			89	10															10					19-20
20 52	26.350			76	10															10					20-21
21 58	26.480			79	10	1	CUFRA	20	3	Sc	50	3	10	As	E80	10				10	3	.085			21-22
22 50	26.490			76	10															10					22-23
23 52	26.490			58	10															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		48	43										
	0349	1	0	0	0	48	43		0								
	0950	2	0	0	0	56	35		0								
	1555	3	0	0	0	61	55		0								
	2155	4	.21	0	0	60	41		2								
	MID.		0	0	0	46	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1556	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.455	26.350	26.480
BAROGRAPH 64	26.500	26.445	26.340	26.460
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
61	35	.21	0	0	33	N	1915					5	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1910	2101			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0633 SUNSET 1724

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 CORRECT TO NEAREST MINUTE AT: 1060381/2130P1

0953/app 807/1055

2158/2158

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: FEB 16, 1987

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	0053	200-BKN	20			115	42	33	03	06		990	308 1038	EP
SA	0151	200 SCT	20			123	39	32	36	05		992		EP
SA	0252	CLR	20			128	38	31	01	06		993	SC CI SE	EP
SA	0355	CLR	20			129	39	25	34	05		994	112 ~~10~~ 140/37 20021	EP
													RAPAT 46055	
SA	0455	CLR	20			132	41	23	36	09		996		RD
SA	0554	CLR	20			139	41	23	02	10		997	FEW SC	RD
SA	0653	CLR	20			154	41	22	05	07		000	317 1500	RD
SA	0755	55 SCT	20			171	42	24	31	06		004		RD
SA	0857	55 SCT	20			172	47	21	04	07		~~003~~ 005		RD
SA	0957	55 SCT	20			171	50	21	36	10		005	117 1500 35	RD
SA	1052	55 SCT	20			170	52	20	03	10		005		RD
SA	1154	55 SCT	20			166	53	18	01	11		005		RD
SA	1256	55 SCT	20			160	55	17	03	13		003	808 1500	RD
SA	1351	55 SCT	20			159	56	16	05	19		002		RD
SA	1454	60 SCT	20			157	56	14	03	13		002	~~FEW~~ ~~04~~	RD
SA	1554	CLR	20			162	56	15	04	10		003	302 1500 57 RADAT 34074	EP
SA	1651	CLR	20			165	54	13	03	11		003		EP
SA	1751	CLR	20			173	51	12	03	13		005		EP
SA	1853	CLR	20			184	48	17	04	09		008	317	EP
SA	1953	CLR	20			189	47	16	03	09		010		EP
SA	2058	CLR	20			196	42	20	02	06		012		EP
SA	2152	CLR	20			200	41	19	05	07		013	214 57	EP
SA	2255	CLR	20			198	41	18	06	07		013		EP
SA	2350	CLR	20			201	42	18	04	12		014		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 (1-62) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: FEB 16, 1987

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	26.505			70	7	0	Ac	100	7	Cs	200	7								3	3	.025			00-01
01 51	26.520			76	2															2					01-02
02 52	26.535			76	0															0					02-03
03 55	26.540			57	0	0	Sc	90	0	Ci	200	0								0	1	.035			03-04
04 55	26.550			49	0															0					04-05
05 54	26.560			49	0															0					05-06
06 53	26.590			45	0	0	Sc	55												0	3	.050			06-07
07 55	26.625			49	1															1					07-08
08 57	26.635			36	1															1					08-09
09 57	26.640			32	1	1	Sc	55												1	1	.050			09-10
10 52	26.640			28	1															1					10-11
11 54	26.635			25	1															1					11-12
12 56	26.615			22	1	1	Sc	55												1	8	.025			12-13
13 51	26.610			20	1															1					13-14
14 54	26.610			19	1															1					14-15
15 54	26.620			20	0	0	Sc	60												0	3	.005			15-16
16 51	26.625			19	0															0					16-17
17 51	26.640			21	0															0					17-18
18 53	26.670			29	0															0	3	.050			18-19
19 53	26.680			29	0															0					19-20
20 58	26.700			41	0															0					20-21
21 52	26.710			41	0															0	2	.040			21-22
22 55	26.710			39	0															0					22-23
23 50	26.720			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 0348	X	0	0	X	46	37	X	X						X		
	0348	1	0	0	0	46	37		1								
	0950	2	0	0	0	50	35		0								
	1550	3	0	0	0	57	50		0								
	2148	4	0	0	0	56	41		0								
	MID.	X	0	0	0	43	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0956	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.640	26.620	26.710
BAROGRAPH 64	26.520	26.630	26.605	26.690
BAR. CORR. 65	+.020	+.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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Ens.) 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
57	35	0	0	0	23	NE	1337					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0631 SUNSET 1725

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 CORRECT TO NEAREST MINUTE AT: 1072171/2145P1

0355/0355

0857/0857

1454/1454

MF1-10B (4-86)

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 17, 1987

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)	OP. INITIALS (15)
SA	0053	CLR	20			205	40	19	04	12		015	307	EP
SA	0151	CLR	20			203	40	18	04	11		014		EP
SA	0251	250 - SCT	20			200	42	18	04	10		014		EP
SA	0358	250 - OVC	20			205	40	18	04	12		015	500 100738 RADAT 40062	EP
SA	0456	150 SCT 200 - OVC	20			200	40	18	05	10		015		RD
SA	0557	150 SCT 200 - OVC	20			206	39	19	03	12		015		RD
SA	0658	150 SCT E200 BKN	20			212	38	19	04	12		016	302 1028	RD
SA	0756	150 SCT E200 BKN	20			215	41	19	04	10		017		RD
SA	0852	150 SCT 200 - BKN	20			216	44	19	03	14		017		RD
SA	0956	150 SCT 200 - BKN	20			213	47	20	03	11		016	002 1051 38	RD
SA	1054	200 - BKN	20			209	49	20	03	10		015		RD
SA	1152	200 - SCT	20			201	51	18	08	08		014		RD
SA	1253	CLR	20			185	53	17	35	05		009	822 1101	RD
SA	1350	CLR	20			175	54	15	02	08		007	FEW CU	RD
SA	1451	CLR	20			174	55	13	34	07		007	FEW CU	RD
SA	1554	CLR	20			166	55	11	05	10		004	815 1100 56 RADAT 30072	EP
SA	1651	CLR	20			165	54	10	03	06		003		EP
SA	1751	CLR	20			171	48	15	05	08		004		EP
SA	1851	CLR	20			177	45	17	05	08		005	303	EP
SA	1952	CLR	20			176	44	18	05	08		005		EP
SA	2059	CLR	20			175	43	18	05	09		005		EP
SA	2154	CLR	20			170	43	18	03	10		004	803 1001 56	EP
SA	2251	CLR	20			173	42	17	04	10		005		EP
SA	2351	CLR	20			172	41	17	05	11		005		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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 17, 1987

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	PRESSURE 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00	53	26.730			43	0														0	3	.020			00-01
01	51	26.725			41	0																			01-02
02	51	26.720			38	1														0					02-03
03	58	26.730			41	10	10	CS	250											0					03-04
04	54	26.725			41	10														4	5	.000			04-05
05	57	26.725			44	10														5					05-06
06	58	26.735			46	8	4	AS	150	4	CS	200	8							3					06-07
07	56	26.745			41	8														5	3	.005			07-08
08	52	26.745			37	7														5					08-09
09	56	26.740			34	6	1	AC	150	5	CI	200	6							3					09-10
10	54	26.730			32	6														2	0	.005			10-11
11	52	26.715			27	3														2					11-12
12	53	26.675			24	0	0	CU	60	0	CI	200	0							0					12-13
13	50	26.655			21	0														0	8	.065			13-14
14	51	26.650			19	0														0					14-15
15	54	26.630			17	0	0	CU	60											0					15-16
16	51	26.625			17	0														0	8	.045			16-17
17	51	26.630			26	0														0					17-18
18	51	26.640			32	0														0					18-19
19	52	26.640			35	0														0	3	.010			19-20
20	57	26.640			36	0														0					20-21
21	54	26.630			36	0	0	CI	250											0					21-22
22	51	26.640			36	0														0	8	.010			22-23
23	51	26.640			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 GROUND 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	42	38	X	X						X		
	0349	1	0	0	0	43	38		0								
	0948	2	0	0	0	47	38		0								
	1550	3	0	0	0	56	47		0								
	2150	4	0	0	0	56	42		0								
	MID.	X	0	0	0	43	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0954	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.740	26.630	26.630
BAROGRAPH 64	26.710	26.735	26.625	26.615
BAR. CORR. 65	+020	+005	+005	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
56	38	0	0	0	18	N	1336					3	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 0630 PST SUNSET 1726 PST

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 CORRECT TO NEAREST MINUTE AT: 1055 PP / 2030 P /

0358 / RAVAT 40062 / 0406

MF1-10B (4-86)

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-385

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE FEB 18, 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE	TIME (LST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles) SURFACE	VISIBILITY (Miles) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (Mbs.)	TEMP. (°F)	DEW PT. (°F)	WIND DIRECTION (dB-36)	WIND SPEED (Kts.)	WIND CHARACTER	ALTIMETER SETTING (Ins.)	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER'S INITIALS
SA	0053	CLR	20			174	41	17	05	10		006	307	EP
SA	0153	CLR	20			170	43	19	06	06		005		EP
SA	0256	CLR	20			159	39	20	05	11		002		EP
SA	0357	CLR	20			161	36	21	04	07		002	614 ~~1100~~ 1001 36 RADAT 47066	CG
SA	0452	250-SCT	20			155	40	21	04	14		001		CG
SA	0552	E 250 BKN	20			152	40	22	04	08		998		JS
SA	0653	140 SCT E 250 BKN	20			154	40	22	09	04		998	610 1078	JS
SA	0751	50 SCT E 140 BKN 250 BKN	20			162	41	21	03	10		001		JS
SA	0851	90 SCT E 160 BKN 250 OVC	20			156	43	22	06	10		999		JS
SA	0953	60 SCT E 140 BKN 250 OVC	20			156	45	22	04	09		000	105 1578 36	JS
SA	1053	70 SCT 250-OVC	20			151	49	21	02	08		998	SWL OVR MTNS N	JS
SA	1151	60 SCT 250 SCT	20			142	51	19	36	11		996		JS
SA	1254	E 60 BKN 250 BKN	20			138	51	20	36	10		995	SWL OVR MTNS W 715 1208	JS
SA	1351	E 60 BKN	20			128	53	18	03	11		993		JS
SA	1451	60 SCT	20			130	53	18	03	10G	18	993	SWL SW-NW	JS
SA	1556	E 90 BKN	20			128	53	18	36	18		992	VIRGA W-N TCU N/610	EP
/												/	1200 54 RADAT 42066	/
SA	1656	80 SCT E200 BKN	20			132	50	24	02	10		993	TCU VIRGA W	EP
SA	1753	80 SCT E200 BKN	20			136	49	22	01	09		994	CB SW MOVG S TCU N	EP
SA	1852	80 SCT	20			148	47	21	03	23	G33	997	317 1200	EP
SA	1954	80 SCT	20			162	44	28	04	16		001		EP
SA	2051	80 SCT	20			167	44	23	02	16		003		EP
SA	2158	CLR	20			170	42	19	01	08		004	120 1400 54	EP
SA	2256	CLR	20			178	41	17	05	08		006	SC SE	EP
SA	2353	CLR	20			181	40	16	05	06		007	SC SE	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 $1s_n$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 1-10 A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 18, 1987

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	26.650			38	0															0	3	.020			00-01
01 53	26.640			38	0															0					01-02
02 56	26.610			46	0															0					02-03
03 57	26.610			53	0	0	C	250												0	6	.040			03-04
04 52	26.600			46	3															0					04-05
05 52	26.580			47	8															6					05-06
06 53	26.580			48	9	3	AC	140	6	CS	E250	9								7	6	.030			06-07
07 51	26.600			45	9															9					07-08
08 51	26.580			43	10															10					08-09
09 53	26.595			39	10	3	SC	60	4	AC	E140	7	3	CS	E250	10				10	1	.015			09-10
10 53	26.580			33	10															4					10-11
11 51	26.560			28	3															2					11-12
12 54	26.550			28	9	7	CU	E60	2	CS	250	9								9	7	.045			12-13
13 51	26.550			25	7															7					13-14
14 51	26.530			26	4															4					14-15
15 56	26.520			25	6	6	CU	E90												6	6	.030			15-16
16 56	26.530			36	7															5					16-17
17 53	26.540			34	6															5					17-18
18 52	26.570			35	1	1	CU	80												1	3	.050			18-19
19 54	26.600			53	1															1					19-20
20 51	26.620			43	1															1					20-21
21 58	26.630			39	0	0	SC	80												0	1	.060			21-22
22 56	26.650			38	0															0					22-23
23 53	26.660			37	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 0354	X	0	0	X	48	36	X	X						X		
	0354	1	0	0	0	43	36		0								
	0950	2	0	0	0	47	36		0								
	1550	3	0	0	0	54	45		0								
	2152	4	0	0	0	53	42		0								
	MID.	X	0	0	0	42	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0952	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.595	26.520	26.630
BAROGRAPH 64	26.590	26.580	26.510	26.620
BAR. CORR. 65	+.020	+.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 TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	36	0	0	0	33	NE	1843					8	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0629 PST SUNSET 1727 PST

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 CORRECT TO NEAREST MINUTE AT: 10730P/2125P

0357P/0357P, 0953P/0953P

0954/ADD DATA 715 1208/0330P 2/17/87

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED

U.S. Government Printing Office: 1986 494-189

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: FEB 19, 1987

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			182	39	13	02	17	G23	007	110 1500	EP
SA	0151	80 SCT	20			189	37	11	04	09		010		EP
SA	0252	CLR	20			185	37	10	04	13		008		EP
SA	0351	CLR	20			186	37	9	04	10	G17	008	103 36 RADAT 34046	JS
SA	0452	CLR	20			191	36	10	05	17	G27	010		JS
SA	0551	CLR	20			196	35	11	05	12	G19	011		JS
SA	0652	250 SCT	20			205	35	11	05	11		013	Sc S/ 314 1508	JS
SA	0752	CLR	20			205	37	12	04	07	G14	013	CS W	JS
SA	0853	CLR	20			204	40	11	04	11		013		JS
SA	0952	CLR	20			196	43	9	03	13	G21	011	Sc E-S/ 807 1508 35	JS
SA	1053	250-BKN	20			191	45	9	35	11	G20	010	Sc E-S	JS
SA	1151	250-SCT	20			176	47	8	03	08	G16	006	Sc AIQDS	JS
SA	1253	60 SCT E250 BKN	20			164	48	5	02	10	G20	002	827 1508	JS
SA	1354	250-BKN	20			156	49	6	02	08	G18	999	Sc AIQds Acsl NNE	JS
SA	1451	70 SCT E250 BKN	20			156	48	7	02	12	G19	999		JS
SA	1554	70 SCT E250 BKN	20			157	49	8	03	19	G29	999	507 1502 50 RADAT 250 61	MR
SA	1653	70 SCT 250 SCT	20			164	46	8	01	18	G25	001	VIRGA E-SE	MR
SA	1753	70 SCT E250 BKN	20			174	43	11	01	19	G26	003		MR
SA	1853	250 SCT	20			180	42	11	01	16	G22	004	315 1502	MR
SA	1953	250-BKN	20			186	40	13	02	15	G20	006		MR
SA	2053	250-BKN	20			188	39	14	02	13		007		MR
SA	2153	CLR	20			188	38	16	03	15	G20	008	110 1501 50	MR
SA	2253	CLR	20			188	37	16	02	17	G23	008		MR
SA	2356	CLR	20			193	37	15	03	13		010		MR

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 (1-62) WHICH MAY BE USED.

☆U.S.GPO.1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: W6MO, DESERT ROCK NEVADA

DATE: FEB 19, 1987

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	26.660			34	0	0	Sc	80												0	1	.030			00-01
01 51	26.680			34	1															1					01-02
02 52	26.670			32	0															0					02-03
03 57	26.670			31	0															0	1	.010			03-04
04 52	26.680			34	0															0					04-05
05 51	26.690			36	0															0					05-06
06 52	26.710			37	1	0	Sc	60	1	CS	250	1								1	3	.040			06-07
07 52	26.710			35	0															0					07-08
08 53	26.705			31	0															0					08-09
09 52	26.690			25	0	0	Sc	60	0	CS	250	0								0	8	.020			09-10
10 53	26.680			23	6															2					10-11
11 57	26.645			20	3															1					11-12
12 53	26.610			17	7	1	Sc	60	6	CS	E250	7								6	8	.080			12-13
13 54	26.590			17	8															3					13-14
14 51	26.585			18	8															6					14-15
15 54	26.590			18	6	3	Sc	70	3	Ci	E250	6								5	5	.020			15-16
16 53	26.600			20	5															4					16-17
17 53	26.620			26	6															4					17-18
18 [illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								3	3	.040			18-19
19 53	26.650			32	7															3					19-20
20 53	26.660			36	6															3					20-21
21 53	26.665			40	0	0	Sc	70	0	Ci	250	0								0	1	.030			21-22
22 53	26.665			41	0															0					22-23
23 56	26.680			40	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 0353	X	0	0	X	40	36	X							X		
	0353	1	0	0	0	42	36		0								
	0951	2	0	0	0	43	35		0								
	1550	3	0	0	0	50	43		0								
	2150	4	0	0	0	49	38		0								
	MID.	X	0	0	0	38	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.680	26.590	26.665
BAROGRAPH 64	26.660	26.685	26.570	26.640
BAR. CORR. 65	+.010	+.005	+.020	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
50	35	0	0	0	31	NE	0409					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0628 SUNSET 1728

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 CORRECT TO NEAREST MINUTE AT: 1060SP/1754P/

1253/1259 (Approx'd)

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 20 1987

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 INITIALS (15)
SA	0052	250 - SCT	20			197	36	16	04	09		011	308 1506	MR
SA	0151	250 - BKN	20			197	35	16	04	13		011		MR
SA	0254	250 - SCT	20			194	35	14	03	16		010		MR
SA	0355	250 - SCT	20			197	35	11	04	15	G22	011	500 1508 35	MR
SA	0457	250 - SCT	20			201	35	11	04	15	G24	012		CG
SA	0554	250 - SCT	20			212	35	10	04	14	G22	014		CG
SA	0653	70 SCT	20			224	34	10	06	14		017	320 1500	CG
SA	0756	CLR	20			235	37	11	06	10		020		CG
SA	0857	CLR	20			237	41	11	06	11	G18	022		CG
SA	0959	CLR	20			233	43	14	04	12	G20	021	010 1500 34	CG
SA	1055	CLR	20			224	46	16	04	13	G22	018		CG
SA	1151	CLR	20			214	49	13	03	15	G25	016		CG
SA	1254	CLR	20			206	51	12	04	15		014	720 1500	CG
SA	1355	CLR	20			198	52	12	03	12	G20	012		CG
SA	1453	CLR	20			194	53	11	07	14		011		CG
SA	1554	CLR	20			192	53	11	04	12		010	612 1500 53 RADAT	MR
													28069	
SA	1652	CLR	20			194	52	10	04	13		011		MR
SA	1751	CLR	20			204	49	11	05	09		013		MR
SA	1851	CLR	20			213	42	14	05	06		014	312	MR
SA	1953	CLR	20			215	41	14	04	05		014		MR
SA	2056	CLR	20			213	43	11	05	09		015		MR
SA	2153	CLR	20			209	41	11	04	09		014	000 53	MR
SA	2250	CLR	20			205	41	11	04	13		014		MR
SA	2354	CLR	20			203	40	11	05	11		013		MR

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$_2$ 8$N_hC_LC_MC_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 20 1987

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	26.690			44	2	0	Sc	70	2	Ci	250	2								1	3	.025			00-01
01 51	26.690			45	6															3					01-02
02 54	26.680			41	3															1					02-03
03 55	26.690			37	2	0	Sc	70	2	Cs	250	2								1	5	.000			03-04
04 52	26.700			37	2															1					04-05
05 54	26.720			35	3															1					05-06
06 53	26.750			36	1	1	Sc	70												1	3	.060			06-07
07 56	26.780			34	0															0					07-08
08 57	26.790			29	0															0					08-09
09 59	26.780	43.3	33.0	30	0	0	Sc	70												0	0	.030			09-10
10 55	26.760	46.0	35.0	30	0															0					10-11
11 51	26.740			23	0															0					11-12
12 54	26.720			21	0	0	Sc	70												0	7	.060			12-13
13 55	26.700			20	0															0					13-14
14 53	26.690			18	0															0					14-15
15 54	26.685			18	0	0	Sc	70												0	6	.035			15-16
16 52	26.690			18	0															0					16-17
17 51	26.710			22	0															0					17-18
18 51	26.720			31	0															0	3	.035			18-19
19 53	26.725			33	0															0					19-20
20 56	26.730			27	0															0					20-21
21 53	26.720			29	0															0	0	.000			21-22
22 50	26.720			29	0															0					22-23
23 54	26.715			31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352		0	0		37	35										
	0352	1	0	0	0	38	35		0								
	0955	2	0	0	0	43	34		0								
	1552	3	0	0	0	53	43		0								
	2149	4	0	0	0	53	39		0								
	MID.		0	0	0	41	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0959	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.780	26.685	26.720
BAROGRAPH 64	26.670	26.780	26.685	26.715
BAR. CORR. 65	+.020	±0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	34	0	0	0	28	NE	1058					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 0627 SUNSET 1729

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 CORRECT TO NEAREST MINUTE AT: 1630P / 1653P /

ELECTRICAL WORK BEING DONE AT STATION, HO-83 INOPERATIVE FROM 0830P THRU 1145P

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WEMO, DESERT ROCK NEVADA

DATE: FEB 21 1987

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)	CD. INDICATORS (15)
SA	0053	CLR	20			205	39	12	04	10		014	500	MR
SA	0151	CLR	20			198	36	13	03	09		012		MR
SA	0251	CLR	20			193	37	13	04	08		011		MR
SA	0355	CLR	20			186	35	11	06	05		008	717 35 RADAT 32061	CG
SA	0459	CLR	20			184	34	11	06	06		007		CG
SA	0551	CLR	20			185	35	11	35	06		007		CG
SA	0655	CLR	20			185	34	11	04	07		006	707	CG
SA	0756	CLR	20			186	40	11	04	10		007		CG
SA	0855	250-SCT	20			179	44	11	04	04		006		CG
SA	0959	250-SCT	20			171	47	11	15	07		004	807 1001 31	CG
SA	1051	250-SCT	20			163	49	10	14	10		002		CG
SA	1154	250-SCT	20			157	51	9	11	05		998		CG
SA	1254	CLR	20			138	52	7	12	04		995	727 1001	CG
SA	1353	CLR	20			132	54	8	21	05		993		CG
SA	1452	CLR	20			122	56	9	15	10		991		CG
SA	1555	CLR	20			120	55	8	16	08 & 20		990	617 1001 56 RADAT 21071	MR
SA	1652	250 SCT ~~CLR~~	20			118	52	9	17	07		989		MR
SA	1751	E250 OVC	20			120	49	14	11	07		989		MR
SA	1856	250-OVC	20			130	46	15	15	04		991	303 1007	MR
SA	1954	250-OVC	20			132	44	15	13	03		992		MR
SA	2050	250-OVC	20			139	42	16	12	04		995		MR
SA	2152	250-OVC	20			149	39	16	17	03		997	320 1007 56	MR
SA	[illegible]	[illegible] OVC	20			123	36	18	33	02		998		MR
SA	2354	E250 OVC	20			156	36	17	35	02		999		MR

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 21 1987

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	RELATIVE HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	3 HR. PRESS. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.720			32	0															0	5	.000			00-01
01 51	26.700			37	0															0					01-02
02 51	26.690			37	0															0					02-03
03 55	26.670			37	0															0	7	.050			03-04
04 59	26.660			38	0															0					04-05
05 51	26.660			37	0															0					05-06
06 55	26.650			38	0															0	7	.020			06-07
07 58	26.660			30	0															0					07-08
08 55	26.650			26	1															0					08-09
09 59	26.630			23	2	2	Ci	250												0	8	.020			09-10
10 51	26.610			20	5															0					10-11
11 54	26.580			18	2															0					11-12
12 54	26.550			16	0	0	Ci	250												0	7	.080			12-13
13 53	26.530			15	0															0					13-14
14 52	26.510			15	0															0					14-15
15 55	26.500			15	0	0	Ci	250												0	6	.050			15-16
16 52	26.490			18	2															2					16-17
17 51	26.490			25	10															6					17-18
18 56	26.510			28	10	10	Cs	250												4	3	.010			18-19
19 54	26.520			30	10															2					19-20
20 50	26.545			34	10															2					20-21
21 52	26.570			39	10	10	Cs	250												3	3	.060			21-22
22 53	26.575			50	10															5					22-23
23 54	26.590			47	10															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 0351	X	0	0	X	40	35	X	X						X		
	0351	1	0	0	0	41	35		0								
	0957	2	0	0	0	48	31		0								
	1551	3	0	0	0	56	47		0								
	2148	4	0	0	0	55	38		0								
	MID.	X	0	0	0	40	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0957	1554	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.630	26.500	26.570
BAROGRAPH 64	26.670	26.630	26.485	26.545
BAR. CORR. 65	0	*0	+.015	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	31	0	0	0	20	S	1556					1	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0625 SUNSET 1730

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 CORRECT TO NEAREST MINUTE AT: 1061GP 1557P

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

1652/1652

✓ LAST OF SEVERAL OCCURENCES

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 22 1987

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	0051	E 250 OVC	20			158	36	18	03	03		000	20B 1007	MR
SA	0151	E 250 OVC	20			156	39	16	09	05		001		MR
SA	0251	E 250 OVC	20			155	39	15	09	08		001		MR
SA	0354	E 250 OVC	20			154	42	12	07	06		001	102 1007 34	JP
													RAPAT 35067	
SA	0457	E 250 OVC	20			162	37	14	10	05		002		JP
SA	0554	E 250 OVC	20			165	36	15	05	07		002		JP
SA	0655	E 200 OVC	20			172	36	16	10	03		003	207 1007	JP
SA	0753	E 200 OVC	20			174	40	16	32	03		004		JP
SA	0852	E 200 OVC	20			172	45	15	00	00		004		JP
SA	0953	E 200 OVC	20			168	49	14	33	03		003	000 1007 34	JP
SA	1057	200 - OVC	20			156	52	13	16	05		000		JP
SA	1154	200 - BKN	20			152	53	12	20	06		999		JP
SA	1255	200 - BKN	20			139	55	10	10	03		996	724 1008	JP
SA	1352	200 - BKN	20			125	54	10	23	11		992		JP
SA	1451	200 - BKN	20			113	55	8	21	06		989		JP
SA	1550	200 - SCT	20			105	54	10	23	11		986	727 1001 56 RAPAT 29070	AD
SA	1650	200 - SCT	20			098	52	11	21	08		983		AD
SA	1750	200 - BKN	20			097	47	11	25	06		982		AD
SA	1850	200 - BKN	20			092	42	14	01	08		980	720 1001	AD
SA	1950	200 - BKN	20			080	41	14	11	07		976		AD
SA	2050	200 - BKN	20			074	40	14	24	03		975		AD
SA	2150	200 - SCT	20			060	39	14	02	01		972	724 1001 56	AD
SA	2250	200 - SCT	20			052	41	13	32	03		971		AD
SA	2350	CLR	20			043	38	15	24	04		967		AD

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WEMO, DESERT ROCK NEVADA

DATE: FEB 22 1987

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	26.595			47	10	10	CS	E250												7	2	.025			00-01
01 51	26.600			38	10															7					01-02
02 51	26.600			37	10															7					02-03
03 54	26.600			29	10	10	CS	E250												7	1	.005			03-04
04 57	26.610			39	10															8					04-05
05 54	26.610			42	10															8					05-06
06 55	26.620			44	10	10	CS	E200												8	2	.020			06-07
07 53	26.630			37	10															7					07-08
08 52	26.630			30	10															7					08-09
09 53	26.620			24	10	10	CS	E200												6	0	.000			09-10
10 57	26.590			21	10															4					10-11
11 54	26.580			19	9															3					11-12
12 55	26.550			16	8	8	CS	200												2	7	.070			12-13
13 52	26.520			17	8															2					13-14
14 51	26.490			15	7															2					14-15
15 50	26.470			17	5	5	CI	200												2	7	.080			15-16
16 50	26.440			19	5															2					16-17
17 50	26.430			23	7															3					17-18
18 50	26.410			32	8	8	CI	200												3	7	.060			18-19
19 50	26.380			33	8															3					19-20
20 50	26.370			34	7															3					20-21
21 50	26.340			36	4	4	CI	200												1	7	.070			21-22
22 50	26.330			32	2															0					22-23
23 50	26.300			39	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 0352	X	0	0	X	42	35	X	X						X		
	0352	1	0	0	0	42	34		0								
	0951	2	0	0	0	50	35		0								
	1550	3	0	0	0	56	49		0								
	2150	4	0	0	0	54	36		0								
	MID.	X	0	0	0	41	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.620	26.470	26.340
BAROGRAPH 64	26.590	26.600	26.440	26.315
BAR. CORR. 65	+.010	+.020	+.030	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Ens.) 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
56	35	0	0	0	14	SW	1349					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0624 SUNSET 1731

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 CORRECT TO NEAREST MINUTE AT: 1045P / 1815P /

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: FEB. 23, 1987

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. METHOD (15)
SA	0050	CLR	20			029	40	14	20	11		964	724	AO
SA	0150	CLR	20			009	44	14	19	08		959		AO
SA	0250	CLR	20			992	44	14	20	12		954		AO
SA	0356	CLR	20			969	44	12	16	09		948	PRESFR / 751 35	JP
													RADAT 31062	
SA	0457	CLR	20			962	40	10	15	10		944		JP
SA	0555	CLR	20			952	43	12	20	08		941		JP
SA	0652	CLR	20			944	42	17	19	13		938	FEW CU CI / 730 1101	JP
SA	0755	30 SCT	20			943	44	18	21	19	G29	938		JP
SA	0857	E50 BKN	20			939	46	19	21	16	G24	937		JP
SA	0953	M50 ~~BKN~~ OVC	20			936	45	18	20	14	G28	936	PK WND 2036/13 /	JP
													807 1511 35	
SA	1055	M48 OVC	20			928	44	19	19	16	G24	933	RWO 5	JP
SA	1152	48 SCT E80 BKN 200 OVC	10			917	46	24	21	22	G34	930	BINOVC RWO SAND W	JP
L	1242	20 SCT M48 BKN 200 OVC	10						20	21	G33	929	BINOVC	JP
SA	1255	20 SCT E45 BKN 80 OVC	10			910	44	24	20	19	G27	928	PK WND 2036/02 /	JP
													724 1571	
SA	1354	22 SCT M50 BKN 80 OVC	10			904	43	26	19	18	G27	927	RAOATEST 5833E42	JP
SA	1455	22 SCT E50 BKN 80 BKN 200 OVC	10			898	46	15	20	16	G26	926	BINOVC	JP
SA	1550	22 SCT E50 BKN 80 BKN 200 OVC	10			912	42	22	26	19		929	30380 1572 47 RAOAT 24059	AO
SA	1650	25 SCT E50 BKN 80 OVC	10			939	35	28	31	24	G32	934		AO.
SA	1750	25 SCT E50 OVC	10			957	32	26	19	07		940		AO
SA	1850	25 SCT M50 OVC	10			957	33	25	21	07		940	134 1511	AO
SA	1950	25 ~~M~~ SCT M50 BKN 80 OVC	10			954	33	25	22	05		940		AO
SA	2050	80 SCT 200 - BKN	20			966	32	25	21	07		943		AO
SA	2150	80 SCT 200 - BKN	20			969	34	23	10	03		944	314 1508 47	AO
SA	2250	40 SCT 80 SCT E200 OVC	20			973	34	21	20	08		945		AO
SA	2350	200 - BKN	20			981	34	15	20	14		948		AO

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 (1-82) WHICH MAY BE USED.

☆U.S.GPO.1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: W6MO, DESERT ROCK NEVADA

DATE: FEB 23, 1987

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 SD	26.270			34	0															0	7	.070			00-01
01 SD	26.220			29	0															0					01-02
02 SD	26.180			29	0															0					02-03
03 SE	26.120			27	0															0	7	.150			03-04
04 SF	26.090			29	0															0					04-05
05 SF	26.060			28	0															0					05-06
06 SE	26.030			36	0	0	CU	30	0	CI	200	0								0	7	.090			06-07
07 SF	26.030			35	1															1					07-08
08 SF	26.020			34	7															7					08-09
09 SE	26.010			34	10	10	SC	1950												10	8	.030			09-10
10 SF	25.990			36	10															10					10-11
11 SE	25.960			42	10															10					11-12
12 SF	25.940			45	10	1	STRA	20	7	SC	E45	8	2	AC	80	10				10	7	.070			12-13
13 SE	25.930			51	10															10					13-14
14 SF	25.900			28	10															10					14-15
15 SD	25.950			45	10	3	STRA	22	4	SC	E50	7	2	AC	80	9	1	CI	200	10	3	.010			15-16
16 SD	26.000			75	10															10					16-17
17 SD	26.050			78	10															10					17-18
18 SD	26.050			72	10	3	STRA	25	7	SC	1450	10								10	1	.100			18-19
19 SD	26.050			72	10															10					19-20
20 SD	26.080			75	9															9					20-21
21 SD	26.090			64	8	3	SC	80	5	CS	200	8								3	3	.040			21-22
22 SD	26.100			59	10															6					22-23
23 SD	26.120			45	8															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0354	X	0	0	X	45	37	X	X						X		
	0354	1	0	0	0	45	35		0								
	0951	2	0	0	0	47	38		0								
	1545	3	T	T*	0	47	42		0								
	2145	4	0	0	0	42	32		0								
	MID.	X	0	0	0	35	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0957	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.120	26.010	25.950	26.090
BAROGRAPH 64	26.090	25.980	25.925	26.055
BAR. CORR. 65	+.030	+.030	+.025	+.035

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	32	T	T	0	36	SW	1236					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1327	1351			
SW-	1333	1342			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0623 SUNSET 1732

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 CORRECT TO NEAREST MINUTE AT: 1055 4P/1800P

0953/0953 P

*T – MELTED AS IT FELL

1950/1950

✓ LAST OF SEVERAL OCCURRENCES.

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 24, 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE	TIME (LST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles) SURFACE	VISIBILITY (Miles) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (Mbs)	TEMP. (°F)	DEW PT. (°F)	WIND DIRECTION (mm/hr)	WIND SPEED (Kts)	WIND CHARACTER	ALTIMETER SETTING (Hrs)	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER'S INITIALS
SA	0050	200 - BKN	20			981	35	14	22	15		948	110 1008	AD
SA	0150	200 - BKN	20			981	36	18	22	15	G24	948		AD
SA	0250	200 - BKN	20			979	36	16	21	18		948		AD
SA	0356	50 SCT E 200 OVC	20			982	35	22	21	12		948	400 1508 32	JP
/	/												RADAT 54041	/
SA	0457	50 SCT E 200 OVC	20			995	34	22	18	07		950		JP
SA	0552	M 50 BKN 100 OVC	20			998	34	24	18	05		950		JP
SA	0654	M 45 BKN 100 BKN 200 BKN	20			006	32	22	19	05		952	214 1578	JP
SA	0752	25 SCT M 43 OVC	20			008	34	25	27	04		953	BINOVC 5	JP
SA	0854	M 43 BKN	20			011	37	24	09	05		954		JP
SA	0953	M 45 BKN	20			008	40	24	15	11		954	TCU ALQDS / 107	JP
/	/												1200 32	/
SA	1055	M 48 BKN	20			007	41	18	21	10		954	TCU ALQDS SWU S AND NW	JP
SA	1156	20 SCT M 43 BKN	20			005	43	13	19	17		954	TCU ALQDS SWU NW	JP
SA	1254	M 45 BKN	20			001	42	15	19	11		953	TCU ALQDS SWU N /	JP
/	/												P03 1200	/
SA	1355	M 45 BKN	20			001	42	11	22	10		953	TCU ALQDS SWU NW	JP
SA	1450	M 50 BKN	20			004	42	12	21	09		954	TCU ALQDS SWU NW	JP
SA	1550	M 50 BKN 60 OVC	10			015	39	18	26	06		956	SWB00E44 / 31000 1211 44	AD
/	/												RADAT 37050	/
SA	1650	M 50 BKN 220 BKN	10			015	38	20	34	06		956		AD
SA	1750	50 SCT E 220 BKN	10			020	38	18	04	04		958		AD
SA	1850	50 SCT 220 SCT	20			026	36	14	12	04		959	307 1101	AD
SA	1950	50 SCT 220 SCT	20			029	32	17	06	06		959		AD
SA	2050	220 SCT	20			043	30	17	13	05		963		AD
SA	2150	220 SCT	20			040	31	17	06	05		963	114 1002 44	AD
SA	2250	220 SCT	20			042	33	20	06	04		964		AD
SA	2350	20 SCT M 50 BKN 220 OVC	20			047	35	21	08	10		966		AD

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$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: W&MO, DESERT ROCK NEVADA

DATE: FEB. 24, 1987

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	HRS.
00 SD	26.120			42	8	8	CS	200												3	1	.030			00-01
01 SD	26.120			48	8															2					01-02
02 SD	26.120			44	7															2					02-03
03 SE	26.120			59	10	3	SC	50	7	CS	E200	10								9	4	.000			03-04
04 SE	26.140			61	10															10					04-05
05 SE	26.140			66	10															10					05-06
06 SE	26.160			66	9	6	SC	M45	2	AC	100	8	1	CS	200	9				9	2	.040			06-07
07 SE	26.170			69	10															10					07-08
08 SE	26.180			59	8															8					08-09
09 SE	26.180			53	8	8	TCU	M45												8	1	.020			09-10
10 SE	26.180			39	9															9					10-11
11 SE	26.180			29	8															8					11-12
12 SE	26.170			33	8	8	TCU	M45												8	8	.010			12-13
13 SE	26.170			28	8															8					13-14
14 SE	26.180			29	9															9					14-15
15 SE	26.200			42	10	8	CU	M50	2	TCU	60	10								9	3	.030			15-16
16 SE	26.200			48	9															8					16-17
17 SE	26.210			44	6															4					17-18
18 SE	26.220			40	5	3	CU	50	2	CI	220	5								4	3	.020			18-19
19 SE	26.220			54	4															3					19-20
20 SE	26.260			58	3															2					20-21
21 SE	26.260			56	1	1	CI	220												1	1	.040			21-22
22 SE	26.270			59	1															1					22-23
23 SE	26.290			56	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	36	34	X	X						X		
	0353	1	0	0	0	36	33		0								
	0951	2	0	0	0	40	32		0								
	1545	3	T	T*	0	44	38		0								
	2145	4	0	0	0	40	30		0								
	MID.	X	0	0	0	35	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.120	26.180	26.200	26.260
BAROGRAPH 64	26.090	26.160	26.175	26.240
BAR. CORR. 65	+.030	+.020	+.025	+.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 UNMELTED (Ins.) 69	4 PM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 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
44	30	T	T	0	24	N	0147					9	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SNOW	1500	1544			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0622 SUNSET 1733

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 CORRECT TO NEAREST MINUTE AT: 1043A / 1800P /

* MELTED AS IT FELL

1550/1550

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: W&MO, DESERT ROCK NEVADA

DATE: FEB 25, 1987

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. REMARKS INITIALS (15)
SA	0050	20 SCT M38 BKN 80 OVC	10			048	34	21	01	06		966	110 1871	AO
SA	0150	22 SCT M40 OVC	10			049	33	28	24	03		966		AO
SA	0250	22 SCT M38 OVC	10			046	32	19	06	08		965		AO
SP	0335	W10X	3		S-				11	07		966		[illegible]
SP	0345	W0X	1/8		St				11	06		966	SB30	[illegible]
SA	0354	W0X	1/8		St	051	31	31	08	04		966	50003 31 20003 RADAT	[illegible]
—	—												45037	—
SP	0410	W3X	1/2		S				01	06		966		[illegible]
SP	0430	W10X	3						06	07		[illegible]		[illegible]
SA	0452	M25 BKN 35 OVC	10		S-	058	29	26	04	10		967	SNOINCR 1/1/1	[illegible]
SP	0540	M12 BKN 25 OVC	10		S-				03	12		967		[illegible]
SA	0550	M13 OVC	5		S-	060	29	25	03	11		969		[illegible]
SP	0611	W10X	2		S-				02	11		969		[illegible]
SP	0620	W5X	1/2		S				02	08		969		[illegible]
RS	0659	W5X	1		S-	063	29	27	04	11		969	20709 90401	[illegible]
SP	0707	-X M10 OVC	2		S-				04	11		969	S3	[illegible]
SP	0720	-X M10 OVC	3		S-				04	11		970	S3	[illegible]
SP	0740	5 SCT M10 OVC	5		S-				03	05		971	OCNL BINOVC VSBY LWR SW	[illegible]
SA	0752	5 SCT M11 OVC	5		S-	072	30	26	06	09		971	OCNL BINOVC VSBY SW-NW 2	[illegible]
SA	0850	5 SCT M12 BKN 21 OVC	10			073	32	27	04	09		971	SE43 VSBY NW 2 SWU NGDS	[illegible]
SP	0908	5 SCT 12 SCT M25 OVC	10						04	09		971	SWU SE AND SW-NW	[illegible]
—	—												VSBY SW-NW 3	—
SP	0935	W8X	1		SW-				03	07		972	VSBY NE 3	[illegible]
SP	0940	W3X	1/2		SW				05	06		972		[illegible]
SA	0953	W3X	1/2		SW	073	32	30	04	07		972	SB20/11010 28 90401	[illegible]
SA	1056	W3X	1/2		SW	076	31	31	01	06		972		[illegible]
SP	1123	W2X	1/4		SW+				33	05		973		[illegible]
SA	1150	W2X	1/4		SW+	079	31	31	34	05		973	SNOINCR 2/2/3	[illegible]
SP	1233	W3X	1/2		SW				04	06		971		[illegible]
RS	1255	W5X	1		SW-	069	33	32	02	06		971	SNOINCR 2/4/5 80336	[illegible]
—	—												90405	—
RS	1350	-X ~~M~~ 12 SCT M38 OVC	3		SW-	070	34	32	04	08		971	S4	[illegible]
SP	1426	W12X	2		SW-				07	07		971		[illegible]
SP	1435	W5X	1		SW-				06	08		972		[illegible]
SA	1450	W5X	1		SW-	075	33	32	06	06		972		[illegible]
SP	1524	-X 10 SCT E25 OVC	3		SW-				02	06		972	S3 41 34 90405	[illegible]
SA	1550	-X 10 SCT E23 OVC	3		SW-	075	34	32	04	04		972	10305 1811 35 ~~90401~~	CH
SA	1650	-X 10 SCT E24 OVC	3		SW-	076	33	32	10	04		972	S2	CH
SA	1750	-X 10 SCT E22 OVC	3		SW-	080	33	32	06	04		973	S2	CH
SA	1850	-X 10 SCT E26 OVC	4		SW-	085	32	32	10	04		974	S1/30700 1811	CH
SA	1950	10 SCT E26 OVC	7			088	31	30	08	05		975	SE11	CH
SA	2050	12 SCT E27 BKN	7			091	32	29	07	07		976		CH
SA	2150	12 SCT E27 BKN	7			091	31	30	06	08		976	10700 1800 35	CH
SA	2250	14 SCT E28 BKN	7			090	33	30	10	04		976		CH
SA	2350	14 SCT E29 OVC	7			090	34	29	08	05		976		CH

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB. 25 1987

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	26.290			59	10	3	SC	20	4	CU	H38	7	3	AC	80	10				10	1	.030			00-01
01 50	26.290			82	10															10					01-02
02 50	26.280			58	10															10					02-03
03 54	26.290			100	10	10	S	W0												10	5	.000			03-04
04 52	26.300			89	10															10					04-05
05 50	26.305			85	10															10					05-06
06 59	26.310			92	10	10	S	W5												10	2	.020			06-07
07 52	26.330			85	10															10					07-08
08 50	26.330			82	10															10					08-09
09 53	26.340			92	10	10	S	W3												10	1	.030			09-10
10 56	26.340			98	10															10					10-11
11 50	26.350			100	10															10					11-12
12 55	26.330			96	10	10	S	W5												10	8	.010			12-13
13 50	26.330			92	10															10					13-14
14 50	26.340			96	10															10					14-15
15 50	26.340			92	10	3	S	—	2	SC	10	5	5	CU	E23	10				10	1	.010			15-16
16 50	26.340			96	10															10					16-17
17 50	26.350			96	10															10					17-18
18 50	26.360			99	10	1	S	—	3	SC	10	4	6	CU	E26	10				10	3	.020			18-19
19 50	26.370			96	10															10					19-20
20 50	26.380			89	8															8					20-21
21 50	26.380			96	8	2	SC	12	6	CU	E27	8								8	1	.020			21-22
22 50	26.380			89	9															9					22-23
23 50	26.380			82	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	.03	.3	X	35	31	X	X						X		
	0349	1	.03	.3	T	35	31		7								
	0948	2	.10	E1.2	1	32	28		7								
	1548	3	.41	E4.5	5	34	31		7								
	2148	4	T	T	4	34	28		7								
	MID.	X	0	0	4	34	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0955	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.290	26.340	26.340	26.380
BAROGRAPH 64	26.265	26.340	26.340	26.375
BAR. CORR. 65	+.025	*0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	0400 AM 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
35	28	.54	6.0	T	14	NE	0455					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
S-	0330	0340			
S+	0340	0408			
S	0408	0427			
S-	0427	0617			
S	0617	0655			
S-	0655	0843			
SW-	0920	0939			
SW	0939	1120			
SW+	1120	1230			
SW	1230	1245			
SW-	1245	1911			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0620 SUNSET 1734

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 CORRECT TO NEAREST MINUTE AT: 1 0330 / 2 1548

0659/90401/0930

E- ESTIMATED DUE TO MELTING

* CHANGED BAROGRAPH RESET TO 0 CORR.

1350/1350 1550/1550 1550/53/1610

1550/10341 - 90405/0300 - 26T4 1550/12HR MAX 34/0630 - 26T4

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: FEB 26, 1987

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. SEQUENCE NUMBER (15)
	SA	0050	14 SCT E 29 OVC	7			097	33	28	04	08		979	307 1811	CH
	SP	0131	14 SCT E 36 OVC	7						04	07		979		CH
	SA	0150	14 SCT M 39 OVC	7			097	32	28	05	08		979		CH
	SA	0250	M 38 OVC	7			101	33	28	06	06		980		CH
	SA	0352	M 38 OVC	5		SW-	104	33	28	07	08		981	SB33 / 30700 14// 28	
	—	—												90403 20051 RADAT 58036	—
	SA	0455	25 SCT M 38 OVC	10		SW-	117	32	27	05	09		984	RPN VRY LGT	
	SA	0552	25 SCT M 38 OVC	20			121	32	25	05	10		985	SE21	
	SP	0610	M22 BKN 38 OVC	15						06	12		985	SWU NE-SE	
R5	SA	0650	-X 22 SCT M38 OVC	3		SW-	131	31	27	05	10		987	SB43 VSBY NE 2 / 22000	
	—	—												15//	—
	SP	0730	-X M 35 OVC	5		SW-				04	08		990	S2	
	SA	0750	E 35 OVC	10			138	32	27	04	08		990	SE37 MTNS OBSED SE-S	
	—	—												BINOVE NE	—
	SA	0852	M 41 BKN 230 OVC	15			144	34	27	06	12		992	BINOVE	
	SA	0950	45 SCT E 230 BKN	20			151	36	31	08	09		994	22000 1501 90202	
	SA	1055	38 SCT E 230 BKN	20			155	39	30	03	09		996		
	SA	1155	E 40 BKN	20			150	40	29	06	08		995		
	SA	1253	M 35 BKN	20			144	43	31	16	05		994	CNO 1100	
	SA	1352	M 38 BKN	20			140	44	30	13	05		993		
	SA	1450	M 45 BKN	20			139	46	29	07	03		993		
	SA	1550	45 SCT	20			135	46	26	30	04		992	707 1100 47	CH
	SA	1650	45 SCT	20			135	46	23	33	10		992	RADAT 63054	CH
	SA	1750	CLR	20			142	41	27	33	07		993		CH
	SA	1850	CLR	20			150	37	27	13	04		994	307	CH
	SA	1950	CLR	20			155	34	28	07	05		995		CH
	SA	2050	CLR	20			163	32	26	03	06		997		CH
	SA	2150	CLR	20			164	34	22	08	03		999	214 47	CH
	SA	2250	CLR	20			165	33	22	04	05		000		CH
	SA	2350	CLR	20			170	31	23	00	00		001		CH

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WGMO, DESERT ROCK NEVADA

DATE: FEB 26, 1987

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.
00 50	26.400			82	10	4	Sc	14	6	Cu	E29	10								10	3	.020			00-01
01 50	26.400			85	10															10					01-02
02 50	26.410			82	10															10					02-03
03 52	26.420			82	10	10	Sc	M38												10	3	.020			03-04
04 55	26.450			82	10															10					04-05
05 52	26.460			75	10															10					05-06
06 50	26.480			85	10	2	S	–	2	Sc	22	4	10	Sc	M38	10				10	2	.060			06-07
07 50	26.500			82	10															9					07-08
08 52	26.520			75	10															8					08-09
09 50	26.540			82	7	3	Sc	45	4	Ci	E230	7								6	2	.060			09-10
10 55	26.560			70	7															6					10-11
11 55	26.550			65	6															6					11-12
12 53	26.540			62	7	7	Cu	M35												7	0	.000			12-13
13 52	26.530			58	9															9					13-14
14 50	26.530			51	7															7					14-15
15 50	26.520			46	3	3	Cu	45												3	7	.020			15-16
16 50	26.520			40	2															2					16-17
17 50	26.530			57	0															0					17-18
18 50	26.540			67	0															0	3	.020			18-19
19 50	26.550			79	0															0					19-20
20 50	26.570			78	0															0					20-21
21 50	26.580			61	0															0	2	.040			21-22
22 50	26.590			64	0															0					22-23
23 50	26.600			72	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		T	T		34	31										
	0348	1	T	T	3	34	31		7								
	0946	2	T	T	2	36	31		7								
	1548	3	0	0	0	47	36		2								
	2148	4	0	0	0	47	31		2								
	MID.		0	0	0	34	31										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.540	26.520	26.580
BAROGRAPH 64	26.420	26.540	26.520	26.580
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	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	31	T	T	3	14	NE	0858					7	6	.23	

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SW-	0333	0521			
SW-	0643	0737			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0619 SUNSET 1735

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 CORRECT TO NEAREST MINUTE AT: 1053ZP/1848P/

0650/0650

0950P/24HM M.V 28/10000 3/3/87

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—634-383

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 FEB 27, 1987

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)	OP. INITIALS (15)
SA	0050	CLR	20			173	30	23	00	00		002	210	CH
SA	0150	CLR	20			173	30	21	00	00		002		CH
SA	0250	CLR	20			170	31	18	02	06		002		CH
SA	0350	CLR	20			169	33	15	07	04		002	400 29 RADAT 40042	~~CH~~
SA	0450	CLR	20			178	32	15	35	06		004		~~CH~~
SA	0550	CLR	20			185	30	15	28	05		005		~~CH~~
SA	0650	CLR	20			195	32	13	07	05		007	217	~~CH~~
SA	0752	CLR	20			202	35	14	03	06		009		~~CH~~
SA	0856	CLR	20			205	38	14	04	09		011		~~CH~~
SA	0953	CLR	20			203	40	16	05	10		011	110 29	~~CH~~
SA	1055	CLR	20			199	42	13	E03	08		009		~~CH~~
SA	1150	CLR	20			191	45	13	E02	08		007		~~CH~~
SA	1253	CLR	20			182	47	13	06	08		005	817 1001	~~CH~~
SA	1355	CLR	20			181	49	15	17	03		005	FEW CI	~~CH~~
SA	1453	250-SCT	20			179	50	14	02	04		005		~~CH~~
SA	1550	250-BRN	20			178	50	14	14	03		005	400 1001 51 RADAT	
						—	—						33061	CH
SA	1650	250-BKN	20			178	49	14	04	04		005		CH
SA	1750	250-BKN	20			190	46	21	30	04		007		CH
SA	1850	250-BKN	20			197	39	27	34	03		008	310 1001	CH
SA	1950	250-BKN	20			200	38	26	05	05		009		CH
SA	2050	250-BKN	20			204	36	26	17	04		011		CH
SA	2150	250-BKN	20			210	35	25	00	00		013	214 1001 51	CH
SA	2350	250-BKN	20			208	37	24	07	06		013		CH
SA	2350	250-SCT	20			209	32	26	12	05		013		CH

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 27, 1987

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	26.610			75	0															0	2	.030			00-01
01 50	26.610			69	0															0					01-02
02 50	26.610			58	0															0					02-03
03 50	26.610			47	0															0	4	.000			03-04
04 50	26.630			49	0															0					04-05
05 50	26.640			53	0															0					05-06
06 50	26.660			45	0															0	2	.050			06-07
07 52	26.680			42	0															0					07-08
08 56	26.690			37	0															0					08-09
09 53	26.690			38	0															0	1	.030			09-10
10 55	26.680			30	0															0					10-11
11 50	26.660			27	0															0					11-12
12 53	26.640			25	0	0	CI	250												0	8	.050			12-13
13 55	26.640			25	0															0					13-14
14 53	26.640			23	3															0					14-15
15 50	26.640			23	7	7	CI	250												2	4	.000			15-16
16 50	26.640			24	8															1					16-17
17 50	26.660			37	7															1					17-18
18 50	26.670			62	6	6	CI	250												1	3	.030			18-19
19 50	26.680			62	6															1					19-20
20 50	26.690			67	6															1					20-21
21 50	26.710			67	6	6	CI	250												1	2	.040			21-22
22 50	26.710			59	6															1					22-23
23 50	26.710			79	3															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 0346		0	0		35	29										
	0346	1	0	0	0	35	29		0								
	0947	2	0	0	0	40	30		0								
	1548	3	0	0	0	51	40		0								
	2148	4	0	0	0	51	34		0								
	MID.		0	0	0	38	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.690	26.640	26.710
BAROGRAPH 64	26.610	26.695	26.640	26.710
BAR. CORR. 65	0	-.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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 TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	29	0	0	0	16	NE	0822					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0618P SUNSET 1736P

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 CORRECT TO NEAREST MINUTE AT: 1155P/2329P/

WIND EQUIP. OUT 0958P MAINT. IN 1204P

MF1-10B (4-86)

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: FEB 28, 1987

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

TYPE	TIME (LST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles) Surface	VISIBILITY (Miles) Tower	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (Mbs.)	TEMP.	DEW PT.	WIND DIRECTION	WIND SPEED (Kts.)	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER'S INITIALS
SA	0050	250 - SCT	20			206	33	26	29	04		013	400 1001	CH
SA	0150	250 - SCT	20			206	31	26	00	00		013		CH
SA	0250	CLR	20			205	31	23	27	04		013		CH
SA	0353	CLR	20			202	31	23	13	04		012	803 30 RADAT 58L034067	[illegible]
SA	0458	CLR	20			210	31	22	15	05		014		[illegible]
SA	0553	250 - SCT	20			213	30	22	02	03		014		[illegible]
SA	0654	250 - BKN	20			223	32	22	10	03		016	314 1006	[illegible]
SA	0756	250 - OVC	20			220	40	23	16	04		016		[illegible]
SA	0857	250 - OVC	20			218	44	20	02	11		016		[illegible]
SA	0952	250 - OVC	20			217	47	20	05	11		016	400 1001 29	[illegible]
SA	1053	250 - OVC	20			214	49	20	05	08		016		[illegible]
SA	1155	250 - OVC	20			208	53	22	35	05		014		[illegible]
SA	1254	250 - OVC	20			195	54	21	19	04		011	817 1001	[illegible]
SA	1350	250 - OVC	20			189	54	21	17	04		008		[illegible]
SA	1455	250 - OVC	20			183	56	19	14	07		007		[illegible]
SA	1550	250 - OVC	20			180	55	18	11	07		006	714 1001 57 RADAT	
													39L 073 084	CH
SA	1650	250 - OVC	20			177	54	18	14	05		005		CH
SA	1750	250 - OVC	20			185	49	24	11	04		006		CH
SA	1850	250 - OVC	20			194	45	27	11	05		008	307 1001	CH
SA	1950	250 - OVC	20			193	43	26	03	04		009		CH
SA	2050	250 - OVC	20			191	42	26	00	00		009		CH
SA	2150	250 - OVC	20			189	42	25	04	06		009	103 1001 57	CH
SA	2250	250 - OVC	20			189	40	25	00	00		009		CH
SA	2350	250 - OVC	20			185	38	25	31	04		008		CH

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 28, 1987

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	HET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.710			75	3	3	CI	250												0	4	.000			00-01
01 50	26.710			82	2															0					01-02
02 50	26.710			72	0															0					02-03
03 53	26.700			72	0															0	8	.010			03-04
04 58	26.720			69	0															0					04-05
05 53	26.720			72	1															0					05-06
06 54	26.740			66	7	7	CI	250												2	3	.040			06-07
07 56	26.740			50	10															1					07-08
08 57	26.740			38	10															1					08-09
09 52	26.740			34	10	10	CI	250												1	4	.000			09-10
10 53	26.740			32	10															2					10-11
11 55	26.720			30	10															3					11-12
12 54	26.690			27	10	10	CI	250												3	8	.050			12-13
13 50	26.670			27	10															3					13-14
14 55	26.660			23	10															3					14-15
15 50	26.650			23	10	10	CI	250												3	7	.040			15-16
16 50	26.640			24	10															3					16-17
17 50	26.650			37	10															2					17-18
18 50	26.670			49	10	10	CI	250												2	3	.020			18-19
19 50	26.680			51	10															2					19-20
20 50	26.680			53	10															2					20-21
21 50	26.680			51	10	10	CI	250												2	1	.010			21-22
22 50	26.680			55	10															2					22-23
23 50	26.670			59	10															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		34	30										
	0349	1	0	0	0	38	30		0								
	0947	2	0	0	0	47	29		0								
	1548	3	0	0	0	57	47		0								
	2148	4	0	0	0	55	39		0								
	MID.		0	0	0	44	38										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.740	26.650	26.680
BAROGRAPH 64	26.700	26.750	26.660	26.680
BAR. CORR. 65	0	-.010	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	29	0	0	0	15	NE	0930					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0616 SUNSET 1737

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 CORRECT TO NEAREST MINUTE AT: 1073 1P/1755P/