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: August

YEAR: 1987

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	FASTEST MILE SPEED Knots	DIRECTION	SUNSHINE Ave. Stn. Pressure (Inches)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	102	65	84			19				8.0	28	W	26.57		0		24	10	13	19
2	102	74	88			23				6.5	25	SW	26.51		2		32	21	15	25
3	103	74	89			24				7.4	32	NE	26.54		3		38	25	26	34
4	103	72	88			23				6.6	22	NW	26.54		2		43	22	17	29
5	103	74	89			24	T			7.0	32	E	26.47		2	T, RW-	39	27	19	35
6	99	77	88			23				10.5	25	SW	26.51		3		56	35	27	38
7	98	76	87			22				7.9	28	SW	26.50		2		51	31	20	20
8	101	75	88			23				8.0	27	E	26.56		6		36	28	29	41
9	100	70	85			20				6.1	23	SW	26.53		1		49	27	16	11
10	100	72	86			21				12.6	33	SW	26.50		0		23	17	14	20
11	97	75	86			21				13.5	34	S	26.48		0		26	22	17	25
12	96	70	83			18				10.5	32	SW	26.48		0		42	27	18	21
13	91	68	80			15				11.8	34	SW	26.41		0		23	18	16	26
14	98	68	78			13				13.8	36	SW	26.32		0		48	31	17	22
15	87	56	72			7				7.9	20	W	26.52		0		44	29	16	26
16	93	58	76			11				5.1	17	W	26.63		0		35	15	12	18
17	97	59	78			13				4.7	14	SW	26.65		0		25	11	11	17
18	100	61	81			16				6.2	22	SW	26.63		0		22	11	10	17
19	100	67	84			19				8.9	31	SW	26.57		5		24	13	10	10
20	96	73	85			20				9.6	29	SW	26.56		7		16	16	17	34
21	96	71	84			19				9.5	31	S	26.61		1		25	13	16	23
22	96	66	81			16				9.3	31	S	26.65		1		27	15	14	25
23	95	70	83			18				8.5	30	SW	26.58		1		41	30	13	12
24	92	61	77			12				8.4	28	SW	26.59		3		38	17	10	10
25	93	57	75			10				6.0	25	W	26.62		0		11	10	11	17
26	94	63	79			14				5.8	21	SW	26.65		1		22	15	11	16
27	96	64	80			15				6.0	23	S	26.67		1		25	21	11	16
28	95	66	81			16				5.6	25	S	26.67		4		28	16	13	22
29	98	64	81			16				5.5	26	SW	26.69		1		30	15	13	24
30	99	65	82			17				5.5	19	SW	26.70		3		28	15	13	23
31	100	65	83			18				6.0	21	SW	26.71		2		29	15	12	20
SUM	3010	2096	—	—	0	546	0.0	0	—	248.7	—	—	823.60	—	51	—	1000	618	477	696
AVG	97.1	67.6	—	—	—	—	—	—	—	8.0	FASTEST	DIRECTION	POSSIBLE	%		—	32	20	15	22
										MISC. →	36	SW	26.57		1.6	—				

TEMPERATURE DATA

AVERAGE MONTHLY 82.4

DEPARTURE FROM NORMAL 0.2

HIGHEST 103 ON 3, 4, 5

LOWEST 56 ON 15

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 29

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL 0

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 546

DEPARTURE FROM NORMAL 5

SEASONAL TOTAL 1646

DEPARTURE FROM NORMAL -90

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.0 IN.

DEPARTURE FROM NORMAL -0.42 IN.

GREATEST IN 24 HRS. T ON 5

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. ____ ON ____

GREATEST DEPTH ON GROUND ____ ON ____

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 27

PARTLY CLOUDY (Scale 4–7) 4

CLOUDY (Scale 8–10) 0

WITH 0.01 INCH OR MORE PRECIP. 0

WITH 0.10 INCH OR MORE PRECIP. 0

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

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

MAXIMUM PRECIPITATION

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

HIGHEST Stn. 26.780 IN. ON 31

LOWEST Stn. 26.295 IN. ON 14

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

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			115	74	25	09	06		001	207	WRG
SA	0150	CLR	20			118	70	26	07	03		001		WRG
SA	0250	CLR	20			118	69	29	12	06		001		WRG
SA	0353	CLR	20			118	66	28	08	04		001	400 66	JP
													RADAT 2156	
SA	0450	CLR	20			122	66	28	11	03		002		JP
SA	0552	CLR	20			128	72	28	10	03		004		JP
SA	0655	CLR	20			130	78	27	00	00		005	214	JP
SA	0753	CLR	20			128	85	26	00	00		004		JP
SA	0852	CLR	20			123	92	27	33	07		004		JP
SA	0958	CLR	20			121	95	29	25	12		003	707 65	JP
SA	1053	CLR	20			117	98	33	25	13		002		JP
SA	1152	CLR	20			114	99	36	23	14 G24		001	FEW CU SE	JP
SA	1254	CLR	20			102	100	38	24	15 G27		997	FEW CU SE / 817 1100	JP
SA	1355	CLR	20			096	101	40	24	16		995	FEW CU SE	JP
SA	1450	CLR	20			092	101	41	25	17 G28		994	FEW CU SE	JP
SA	1552	CLR	20			088	100	41	25	14 G25		992	717 1100 02 RADAT 20164	WRG
SA	1652	CLR	20			084	99	39	24	13 G22		991	FEW CU SE	WRG
SA	1752	CLR	20			078	97	39	24	12 G22		990		WRG
SA	1850	CLR	20			082	94	36	23	11		991	503	WRG
SA	1950	CLR	20			083	90	38	24	06		992		WRG
SA	2050	CLR	20			088	87	38	05	05		994		WRG
SA	2152	CLR	20			089	85	38	03	05		995	112 02	WRG
SA	2252	CLR	20			086	86	40	29	04		994		WRG
SA	2350	CLR	20			084	83	39	03	04		993		WRG

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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: AUG 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	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			16	0																				00-01
01 50	26.600			19	0															0	2	.020			01-02
02 50	26.600			21	0															0					02-03
03 53	26.600			24	0															0					03-04
04 55	26.610			24	0															0	4	.000			04-05
05 52	26.630			19	0															0					05-06
06 55	26.640			15	0															0					06-07
07 53	26.630			12	0															0	2	.040			07-08
08 52	26.630			10	0															0					08-09
09 58	26.620			10	0															0					09-10
10 53	26.610			10	0															0	7	.020			10-11
11 52	26.600			11	0															0					11-12
12 54	26.590			12	0	0	CU	80												0	8	.050			12-13
13 55	26.550			13	0															0					13-14
14 50	26.540			13	0															0					14-15
15 52	26.520			13	0	0	CU	100												0	7	.050			15-16
16 52	26.510			13	0															0					16-17
17 52	26.500			13	0															0					17-18
18 50	26.510			13	0															0	5	.010			18-19
19 50	26.520			16	0															0					19-20
20 50	26.540			18	0															0					20-21
21 52	26.545			19	0															0	1	.035			21-22
22 52	26.540			20	0															0					22-23
23 50	26.530			21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0331		0	0		74	66										
	0351	1	0	0	0	80	66		0								
	0955	2	0	0	0	95	65		0								
	1548	3	0	0	0	102	95		0								
	2148	4	0	0	0	100	82		0								
	MID.		0	0	0	88	83										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0958	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.620	26.520	26.545
BAROGRAPH 64	26.585	26.615	26.520	26.530
BAR. CORR. 65	+015	+005	± 0.0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNREL TD (Ins.) 69	0 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
102	65	0	0	0	28	W	1445					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0450 SUNSET 1851

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: 1074P / 1943P /

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: AUG 2 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	0050	CLR	20			082	86	39	36	05		993	605	WRG
SA	0150	CLR	20			082	84	40	05	07		993		WRG
SA	0250	CLR	20			082	84	43	12	05		993		WRG
SA	0358	90 SCT	20			086	75	43	05	07		993	TCU S / 400 1200 75	DC
													RADAT 73 149	
SA	0455	90 SCT	20			091	74	43	04	07		994		DC
SA	0556	90 SCT 140 SCT	20			096	77	44	11	05		996		DC
SA	0658	90 SCT 140 SCT	20			099	84	52	17	04		997	212 1270	DC
SA	0756	90 SCT 140 SCT	20			100	88	48	00	00		997		DC
SA	0854	90 SCT	20			096	91	45	04	03		996		DC
SA	0955	140 SCT	20			095	94	48	25	08		996	CU OMTNS / 802	DC
													1270 74	
SA	1055	CLR	20			089	97	45	22	07		995	TCU E CU OMTNS	DC
													N-E-S FEW AC	
SA	1156	90 SCT 120 SCT	20			080	99	43	28	10		993	CB DSNT E ACSL	DC
													N AND S	
SA	1256	90 SCT	20			072	100	46	21	13	G25	991	CB DSNT E-SE /	DC
													719 1300	
SA	1356	90 SCT	20			063	100	45	21	11		987	TCU E-SE	DC
SA	1454	90 SCT	20			055	101	45	25	10		985	TCU SE	DC
SA	1554	90 SCT	20			055	102	44	26	06		984	619 1100 102	JS
													RADAT 74151	
SA	1653	90 SCT	20			056	100	44	24	11		984		JS
SA	1754	90 SCT	20			054	98	43	25	08		984		JS
SA	1855	CLR	20			060	94	43	25	05		985	CU SE / 303 1100	JS
SA	1950	CLR	20			062	87	43	02	05		986		JS
SA	2050	CLR	20			067	84	43	10	06		987		JS
SA	2150	CLR	20			070	84	44	07	04		988	210 02	JS
SA	2250	CLR	20			069	82	45	04	08		988		JS
SA	2351	CLR	20			074	82	47	00	00		990		JS

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: AUG 2 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	26.530			19	0															0	6	.015			00-01
01 50	26.530			21	0															0					01-02
02 50	26.530			24	0															0					02-03
03 58	26.530			32	2	2	Cu	90												2	4	.000			03-04
04 55	26.540			33	3															3					04-05
05 56	26.555			31	3															3					05-06
06 58	26.565			33	4	2	Cu	90	2	AC	140	4								4	2	.035			06-07
07 56	26.570			25	3															3					07-08
08 54	26.560			21	1															1					08-09
09 55	26.560			21	1	0	Cu	90	1	AC	140	1								1	8	.005			09-10
10 55	26.545			17	0															0					10-11
11 56	26.525			15	2															2					11-12
12 56	26.505			16	1	1	CB	90												1	7	.055			12-13
13 56	26.480			16	1															1					13-14
14 54	26.460			15	1															1					14-15
15 54	26.450			15	2	2	Cu	90												2	6	.055			15-16
16 53	26.450			15	2															2					16-17
17 54	26.445			15	1															1					17-18
18 53	26.460			18	0	0	Cu	90												0	3	.040			18-19
19 50	26.465			21	0															0					19-20
20 50	26.480			23	0															0					20-21
21 50	26.490			25	0															0	2	.030			21-22
22 50	26.490			27	0															0					22-23
23 51	26.500			29	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	88	75	X	X						X		
	0350	1	0	0	0	88	75		0								
	0948	2	0	0	0	95	74		0								
	1550	3	0	0	0	102	94		0								
	2148	4	0	0	0	102	83		0								
	MID.	X	0	0	0	87	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.560	26.450	26.480
BAROGRAPH 64	26.520	26.565	26.450	26.475
BAR. CORR. 65	+.010	-.005	±0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	48-HR. SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	74	0	0	0	25	SW	1248					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0451 SUNSET 1850

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: 1091OP/ 1955P/

1554/1554

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: AUG 03 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	0050	CLR	20			070	84	49	10	06		990	103	JS
SA	0157	CLR	20			075	85	48	07	06		991		JS
SA	0250	CLR	20			075	82	49	07	06		991		JS
SA	0357	CLR	20			083	79	51	20	04		993	310 1070 77	DC
													RADAT 72148	
SA	0452	CLR	20			090	77	52	18	05		994	FEW AC	DC
SA	0555	CLR	20			096	79	53	33	04		996	FEW AC	DC
SA	0650	CLR	20			097	85	55	01	04		997	212 1170	DC
SA	0754	CLR	20			100	90	54	27	03		997	FEW AC	DC
SA	0856	CLR	20			100	94	54	24	03		997	CU FRMG OMTNS E-SE	DC
													FEW AC	
SA	0952	CLR	20			099	95	53	22	07		997	CB E TCU N AND	DC
													SE / 102 1370 74	
SA	1055	CLR	20			095	97	52	21	06		996	CB N E AND SE	DC
													RWU OCNL LTGCG SE	
													TCU NE	
RS	1155	80 SCT 120 SCT	20		T	089	100	49	26	08		995	T B50 S CB TCU	DC
													NW-S RWU SE-S	
SP	1227	80 SCT 140 SCT	20						30	05		993	T E25 DSIPTD CB TCU	DC
													ALQDS EXCPT SW LTL	
													MOVMT VIRGA NE	
SP	1249	80 SCT 200 SCT	20		T				20	10		992	T B47 NE-E CB TCU	DC
													ALQDS EXCPT SW RWU	
													OCNL LTGCG NE-E	
SA	1257	80 SCT 200 SCT	20		T	078	101	49	21	10		992	T E25 DSIPTD T B47 NE-E	DC
													CB TCU ALQDS EXCPT SW	
													RWU OCNL LTGCG NE-E	
													/ 817 1903	
SP	1312	80 SCT 200 SCT	20						11	12	G20	991	T E10 DSIPTD CB NW-	DC
													S LTL MOVMT TCU OVHD	
SA	1356	80 SCT 140 SCT 200 SCT	20			074	102	48	26	08		991	T E10 DSIPTD CB NW	DC
													-E AND DSNT S	
SP	1439	80 SCT 140 SCT	20		T				23	09		990	T B37 OCNL LTGCG	DC
													RWU N MOVG S	
													CB TCU ALQDS	
SA	1454	E 80 BKN 140 BKN	20		T	076	102	48	03	22	G27	992	T B37 RWU N AND	DC
													SE MOVG S TCU OVHD	
													ALQDS OCNL LTGCG N	
													WSHFT 50	
SA	1554	E 80 BKN	20		T	085	92	52	15	17		992	T N-OVHD MOVG SE	JS
									RWU N-E-S				OCNL LTG CG N-E-S/	
													602 1900 03 RADAT	
													81153	
SP	1641	E 80 BKN	20						15	18		993	TE MOVD SSE RWU SSE	JS
RS	1653	E 80 BKN	20			084	91	54	14	13	G23	992	TE40 RWU SSE W	JS
SA	1750	80 SCT 140 SCT	20			071	86	45	18	08		988		JS
SA	1855	80 SCT E 80 BKN 250 BKN	20			084	91	48	15	04		993	303 1501	JS
SA	1950	80 SCT	20			085	88	57	10	08		993		JS
SA	2050	80 SCT	20			089	85	54	11	11		995		JS
SA	2155	E 140 BKN	20			090	83	52	12	06		994	005 1070 03	JS

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 8NhCLCMCH plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6065

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: AUG 03 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 of °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	2230	140 SCT	20			098	81	51	02	05		996		JS
SA	2350	CLR	20			099	79	51	11	04		997		JS

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: AUG 03 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	26.500			30	0																				00-01
01 51	26.505			33	0															0	1	.010			01-02
02 50	26.510			32	0															0					02-03
03 57	26.530			38	0															0					03-04
04 52	26.540			42	0	0	AC	140												0	3	.030			04-05
05 55	26.560			41	0															0					05-06
06 50	26.565			36	0															0					06-07
07 54	26.570			30	0	0	CU	80	0	AC	140	0								0	2	.035			07-08
08 56	26.570			26	0															0					08-09
09 52	26.570			25	0															0					09-10
10 55	26.560			22	0	0	CB	80	0	AC	140	0								0	1	.005			10-11
11 55	26.545			18	4															0					11-12
12 57	26.520			18	4															4					12-13
13 56	26.505			16	5	3	CB	80	1	CI	200	4								4	8	.050			13-14
14 54	26.515			16	6															5					14-15
15 54	26.515			26	8	8	CB	80												6					15-16
16 53	26.515			29	6															8	6	.005			16-17
17 50	26.490			18	4															6					17-18
18 55	26.525			24	7	7	SC	80	1	CI	250	7								4					18-19
19 50	26.530			28	1															6	3	.010			19-20
20 50	26.545			35	1															1					20-21
21 55	26.540			34	7	7	AC	140												1					21-22
22 50	26.560			35	1															7	0	.015			22-23
23 50	26.570			38	0															1					23-24
																				0					

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	87	77	X	X						X		
	0350	1	0	0	0	87	77		0								
	0947	2	0	0	0	96	74		0								
	1550	3	0	0	0	103	92		0								
	2152	4	0	0	0	96	82		0								
	MID.	X	0	0	0	84	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.570	26.515	26.540
BAROGRAPH 64	26.515	26.560	26.500	26.525
BAR. CORR. 65	+.015	+.010	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Mph.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	74	0	0	0	32	NE	1503*					3	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
T	1150	1225			
T	1247	1310			
T	1437	1640			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0451 SUNSET 1849

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

FASTEST OBSERVED MINUTE WIND SPEED MPH OR FASTEST MILE MPH ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0953P/ 1900P/

RS 1454 CHANGED FROM SA AT 1454

1554/1554 1855/1855

*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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 04 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)	(7)	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	0000	CLR	20			099	76	49		03	06		997	008	JS
SA	0150	CLR	20			096	78	51		12	07		996		JS
SA	0250	CLR	20			088	76	52		10	07		997		JS
SA	0357	CLR	20			105	74	50		09	05		997	500 73 RADAT 58/51	DC
SA	0456	CLR	20			110	72	54		34	05		999		DC
SA	0556	CLR	20			110	78	52		00	00		000	AC SE	DC
SA	0657	CLR	20			110	86	52		25	03		001	CU DSNT SE / 110 1270	DC
SA	0754	CLR	20			106	92	52		17	07		000	CU SE	DC
SA	0854	CLR	20			103	95	52		12	07		999	TCU CU SE	DC
SA	0954	CLR	20			101	97	52		17	08		999	TCU SE NW / 707	DC
														1230 72	
SA	1056	CLR	20			095	100	48		14	12	G19	996	CB RWU OMTNS SE-S	DC
														AND DSNT NW FEW	
														TCU OCNL LTG CG SE	
SA	1153	80 SCT 140 SCT	20			094	101	46		12	09		996	CB RWU OMTNS SE	DC
														AND NW TCU ALQDS	
SA	1258	80 SCT 140 SCT	20			085	103	46		09	14	G20	993	CB RWU SE-W-N	DC
														FEW TCU / 715 1960	
SA	1357	80 SCT 140 SCT E200 BKN	20			080	101	47		14	11		992	CB RWU SW-NW	DC
														FEW TCU	
SA	1455	80 SCT 140 SCT 200 SCT	20			071	102	46		14	03		990	CB RWU W-N MOVG	DC
														W	
SA	1556	80 SCT	20			069	102	49		32	12		988	CB RWU DSNT NW	JS
														715 1900 03 RADAT 94/51	
SA	1651	80 SCT	20			070	99	49		01	09		987	CB VIRGA W TCU	JS
														ALQDS	
SA	1752	80 SCT	20			067	98	47		33	08		987	CB VIRGA SSE	JS
														MVMT WNW	
SA	1850	80 SCT	20			072	92	48		33	06		989	303 / 400	JS
SA	1950	80 SCT	20			074	91	47		05	05		991		JS
SA	2050	80 SCT	20			078	87	47		06	04		992		JS
SA	2150	80 SCT	20			085	84	48		08	04		993	2/2 / 500 03	JS
SA	2252	CLR	20			083	82	47		04	07		993	SC S-W-N	JS
SA	2350	CLR	20			084	80	47		00	00		993	SC S-W-N	JS

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 8NhCLCMCH 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: AUG 04 1987

To convert L.S.T. 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 50	26.565			39	0															0	0	.025			00-01
01 50	26.560			39	0															0					01-02
02 50	26.565			43	0															0					02-03
03 57	26.565			43	0															0	5	.000			03-04
04 56	26.580			53	0															0					04-05
05 56	26.590			41	0															0					05-06
06 57	26.595			31	0	0	Cu	80	0	AC	140	0								0	1	.030			06-07
07 54	26.590			26	0															0					07-08
08 54	26.580			24	0															0					08-09
09 54	26.575			22	0	0	TCu	80	0	AC	140	0								0	7	.020			09-10
10 56	26.560			17	0															0					10-11
11 53	26.555			16	2															2					11-12
12 58	26.530			15	4	2	Cb	80	2	AC	140	4								4	7	.045			12-13
13 57	26.520			16	6															6					13-14
14 55	26.495			15	4															4					14-15
15 56	26.485			17	2	2	CB	80												2	7	.045			15-16
16 51	26.480			19	1															1					16-17
17 52	26.480			18	2															2					17-18
18 50	26.495			23	1	1	Sc	80												1	3	.010			18-19
19 50	26.505			23	1															1					19-20
20 50	26.520			26	2															2					20-21
21 55	26.530			29	2	2	Sc	80												2	2	.035			21-22
22 52	26.530			29	0															0					22-23
23 50	26.530			32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	79	73	X	X						X		
	0350	1	0	0	0	84	73		0								
	0948	2	0	0	0	98	72		0								
	1554	3	0	0	0	103	97		0								
	2153	4	0	0	0	102	85		0								
	MID.	X	0	0	0	84	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1556	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.575	26.485	26.530
BAROGRAPH 64	26.550	26.570	26.480	26.505
BAR. CORR. 65	+.015	+.005	+.005	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	72	0	0	0	22	NW	1807*					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0452 SUNSET 1848

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: /1000P/ /1900P/

* LAST OF SEVERAL OCCURRENCES

☆ 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: AUG 05 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	0050	CLR	20			078	79	48	08	04		992	803	JS
SA	0153	CLR	20			080	79	48	00	00		992		JS
SA	0254	CLR	20			084	78	48	11	07		993		JS
SA	0350	CLR	20			086	75	48	00	00		993	103 75 RADAT 71151	CH
SA	0450	CLR	20			093	76	49	01	04		995		CH
SA	0550	CLR	20			097	80	50	02	04		996		CH
SA	0650	CLR	20			100	86	50	00	00		997	214	CH
SA	0750	CLR	20			098	91	51	00	00		997		CH
SA	0850	CLR	20			100	92	55	12	06		997	CU SE	CH
SA	0950	CLR	20			100	95	55	28	05		997	TCU SE / 400 1200 74	CH
SA	1050	80 SCT	20			091	99	54	25	08		995	CB RWY SE	CH
SA	1150	80 SCT	20			087	99	54	24	08		994	CB RWY OMTNS S	CH
SP	1221	80 SCT	10		T				16	14		994	TB21 SE STNRY	CH
SA	1250	E 80 BKN	10		T	087	95	52	10	18	G33	993	TB21 NE AND SE STNRY	
													OCNL LTG-ICCG NE RWY NE	
													AND SE/714 1900	CH
SA	1350	E 80 BKN	10		T	071	95	52	11	10		988	TS MOVG N RB02E31	CH
SP	1440	80 SCT	10						07	05		985	TE39 DSIPTD	CH
SA	1450	80 SCT	10			058	99	49	10	07		985	*CB N MVDS STNRY *TE39	CH
													RWY SE	—
SA	1558	80 SCT 250 SCT	20			055	101	51	21	11		984	CB N-E-S RWY OVR MNTS	EP
													SE/62700 1908 03	
													RADAT 56157	
SA	1652	80 SCT 250 SCT	20			053	98	55	20	20	G25	983	CB ALQDS	EP
SA	1751	80 SCT 250 SCT	20			052	96	53	21	11		983	CB N-E W	EP
SA	1855	90SCT E140 BKN 250 BKN	20			061	93	53	34	08		986	CB DSNT N-E AND W	EP
													MOVG NE/307 1938	
SA	1952	90SCT 140 SCT E250 BKN	20			060	92	54	00	00		986		EP
SA	2051	90SCT 140 SCT E250 BKN	20			067	89	56	23	07		988		EP
SA	2153	120 SCT E250 OVC	20			071	87	56	26	03		990	310 1137 03	EP
SA	2252	90SCT 120SCT E250 BKN	20			075	87	57	30	04		991		EP
SA	2354	90 SCT 120SCT 250 SCT	20			079	83	58	34	04		992		EP

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

FM12-VII: 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 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-784-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 05 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	26.520			33	0																				00-01
01 53	26.520			34	0															0	8	.010			01-02
02 54	26.530			35	0															0					02-03
03 50	26.530			39	0															0					03-04
04 50	26.550			39	0															0	1	.010			04-05
05 50	26.560			35	0															0					05-06
06 50	26.570			29	0															0					06-07
07 50	26.570			26	0															0	2	.040			07-08
08 50	26.570			29	0															0					08-09
09 50	26.570			27	0	0	TCU	80												0					09-10
10 50	26.550			23	1															0	4	.000			10-11
11 50	26.540			23	3															1					11-12
12 50	26.530			24	6	6	CB	E80												3					12-13
13 50	26.490			19	7															6	7	.040			13-14
14 50	26.460			19	4															7					14-15
15 58	26.450			19	3	3	CB	80	0	CS	250	3								4					15-16
16 52	26.440			24	5															3	6	.080			16-17
17 51	26.440			24	4															4					17-18
18 55	26.470			26	7	4	CB	80	2	AC	140	6	1	CS	250	7				3					18-19
19 52	26.470			28	8															6	3	.020			19-20
20 51	26.490			33	8															6					20-21
21 53	26.500			35	10	0	CU	90	2	AC	120	2	10	CS	E250	10				6					21-22
22 52	26.510			37	9															7	3	.030			22-23
23 54	26.520			43	5															7					23-24
																				3					

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		80	75										
	0348	1	0	0	0	84	75		0								
	0948	2	0	0	0	95	74		0								
	1550	3	T	0	0	103	89		0								
	2150	4	0	0	0	102	87		0								
	MID.		0	0	0	88	83										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.570	26.450	26.500
BAROGRAPH 64	26.530	26.550	26.450	26.495
BAR. CORR. 65	0	+.020	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 (Mph.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	74	T	0	0	32	E	1241					2	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87
T	1221	1439			
RW-	1302	1331			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0453 SUNSET 1847

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: 1041OP/ 2145P/

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: AUG 06 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. (Mb.) (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 (16)
SA	0054	110 SCT 250 SCT	20			085	82	57	19	07		993	210 1138	EP
SA	0153	CLR	20			085	83	59	00	00		993		EP
SA	0251	CLR	20			087	80	60	12	05		994		EP
SA	0350	CLR	20			092	79	61	00	00		995	307 78 RADAT 89153	CH
SA	0450	100 SCT	20			098	78	61	07	04		996		CH
SA	0550	100 SCT	20			100	81	61	32	04		997		CH
SA	0650	100 SCT	20			104	84	61	00	00		999	210 1130	CH
SA	0750	100 SCT	20			106	87	60	07	05		000		CH
SA	0850	100 SCT	20			103	90	61	24	05		999	CU SE	CH
SA	0950	80 SCT	20			099	93	61	24	14		997	TCU SE/803 1200 77	CH
SA	1050	80 SCT	20			095	93	61	24	14		996	CB RWU SE	CH
SA	1150	80 SCT	20			088	96	61	27	12		994	CB RWU SE	CH
SP	1210	80 SCT	10		T				24	14		993	TB09 NE MOVG N RWUNE	CH
SA	1250	80 SCT	10		T	080	97	61	24	16		992	TB09 NE MOVG N/717	
													1900	CH
SA	1350	80 SCT	10		T	068	99	59	22	16		988	TN-SE MOVG N RWUE	CH
SP	1435	80 SCT	10						02	09		986	TE35 CBNE AND SE	
													MOVG N	CH
SA	1450	80 SCT	10			063	97	60	28	07		986	TE35 CB E-SE MOVG N	CH
SA	1551	80 SCT 120 SCT 250 SCT	20			055	98	58	18	13	G23	984	CB N-S-W/A24 1933	EP
													99 RADAT 52160	
SA	1653	80 SCT 120 SCT 250 SCT	20			056	96	60	19	18		984	CB NE-SE	EP
SA	1751	250 - SCT	20			056	93	59	19	17		984	CB DSNT SE	EP
SA	1853	CLR	20			052	91	60	19	17		983	CB DSNT N/803 1301	EP
SA	1951	CLR	20			055	90	60	19	14		984		EP
SA	2050	CLR	20			057	89	59	19	13		985		EP
SA	2152	CLR	20			060	88	59	24	04		986	210 99	EP
SA	2250	CLR	20			065	87	60	23	15		987		EP
SA	2351	CLR	20			064	86	58	20	10		987		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$_1$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:1984-0-764-006/8085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 06 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	26.530			43	5	0	CU	100	4	AC	110	4	1	CS	250	5				4	2	.030			00-01
01 53	26.530			45	0															0					01-02
02 51	26.540			51	0															0					02-03
03 50	26.550			56	0															0	3	.020			03-04
04 50	26.560			51	2															2					04-05
05 50	26.570			51	3															3					05-06
06 50	26.580			46	4	0	CU	80	4	AC	100	4								3	2	.030			06-07
07 50	26.590			41	2															2					07-08
08 50	26.580			38	2															2					08-09
09 50	26.570			35	1	1	TCU	80												1	8	.010			09-10
10 50	26.560			35	1															1					10-11
11 50	26.540			32	2															2					11-12
12 50	26.520			31	4	4	CB	80												4	7	.050			12-13
13 50	26.490			27	4															4					13-14
14 50	26.470			30	4															4					14-15
15 57	26.450			27	4	3	CB	80	1	AC	120	4	0	CI	250	4				4	7	.070			15-16
16 53	26.450			31	2															2					16-17
17 51	26.450			32	1															0					17-18
18 53	26.440			36	0	0	CB	80	0	CI	250	0								0	8	.010			18-19
19 51	26.450			37	0															0					19-20
20 50	26.460			37	0															0					20-21
21 52	26.470			38	0															0	2	.030			21-22
22 50	26.480			41	0															0					22-23
23 51	26.480			39	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 0348	X	0	0	X	84	78	X	X						X		
	0348	1	0	0	0	88	78		0								
	0948	2	0	0	0	93	77		0								
	1550	3	0	0	0	99	92		0								
	2150	4	0	0	0	98	88		0								
	MID.	X	0	0	0	88	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.570	26.450	26.470
BAROGRAPH 64	26.540	26.560	26.450	26.460
BAR. CORR. 65	+.010	+.010	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNREL TD (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
99	77	0	0	0	25	SW	2237					3	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1209	1435			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0454 SUNSET 1846

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: 1050 AM 2134 PM

1557 APP 07/1000

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 AUG 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)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			064	84	58	18	03		987	103 1030	EP
SA	0150	90 SCT	20			064	82	59	20	04		987		EP
SA	0252	90 SCT	20			068	82	58	30	03		988		EP
SA	0350	90 SCT	20			074	79	59	00	00		990	307 1100 79	CH
SA	0450	90 SCT	20			079	78	58	24	04		991	RADAT 84153	CH
SA	0550	90 SCT	20			092	79	59	06	04		994		CH
SA	0650	250 SCT	20			094	84	59	00	00		995	217 1009	CH
SA	0750	230 SCT	20			096	88	59	32	04		996	CU SE	CH
SA	0850	230 SCT	20			096	88	59	34	05		996	CU SE	CH
SA	0950	230 SCT	20			096	92	57	23	10		996	TCU SE / 103 1209 76	CH
SA	1050	80 SCT 230 SCT	20			090	94	55	32	10		995		CH
SA	1150	80 SCT 230 SCT	20			083	95	54	25	10		993	TCU E-SE	CH
SA	[illegible]	80 SCT	20			[illegible]	97	[illegible]	[illegible]	16		991	[illegible]	CH
SA	1350	80 SCT	20			072	97	54	23	19		990	CB N MOVG N	CH
SA	1450	80 SCT	20			065	97	53	24	16		987	TCU NE	CH
SA	1555	90 SCT	20			063	97	49	22	14 G28		986	CB N-SE MOVG N/714	EP
													1300 98 RADAT 56155	
SA	1652	CLR	20			064	96	46	21	15		986	CB NE-E	EP
SA	1750	CLR	20			068	95	45	22	12		987	CB NE-E	EP
SA	1852	CLR	20			070	93	42	22	13		988	CB NE/307 1300	EP
SA	1952	CLR	20			072	91	38	21	10		990		EP
SA	2052	CLR	20			082	88	38	22	05		992		EP
SA	2158	CLR	20			086	84	39	05	04		993	214 98	EP
SA	2252	CLR	20			086	82	39	18	05		993		EP
SA	2352	CLR	20			088	83	42	29	03		994		EP

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

FM12-VII: 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: AUG 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	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	26.480			42	0	0	Ac	120																	00-01
01 50	26.480			46	1															0	1	-.010			01-02
02 52	26.490			44	1															1					02-03
03 50	26.500			51	1	1	Cu	90												1					03-04
04 50	26.510			51	1															1	3	.020			04-05
05 50	26.540			51	1															1					05-06
06 50	26.550			43	1	1	CC	250												1					06-07
07 50	26.560			38	1															1	2	.050			07-08
08 50	26.560			38	3															1					08-09
09 50	26.560			31	3	0	TCu	80	3	CC	230	3								3					09-10
10 50	26.550			27	3															3	1	.010			10-11
11 50	26.530			26	3															3					11-12
12 50	26.510			23	3	3	TCu	80												3					12-13
13 50	26.500			24	3															3	7	.050			13-14
14 50	26.480			23	3															3					14-15
15 55	26.470			20	1	1	CB	90												1	7	.040			15-16
16 52	26.470			18	0															0					16-17
17 50	26.480			18	0															0					17-18
18 52	26.490			17	0	0	CB	90												0	3	.020			18-19
19 52	26.500			16	0															0					19-20
20 52	26.520			17	0															0					20-21
21 58	26.530			20	0															0	2	.040			21-22
22 52	26.530			22	0															0					22-23
23 52	26.540			24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		86	79										
	0348	1	0	0	0	88	79		0								
	0948	2	0	0	0	92	76		0								
	1550	3	0	0	0	98	90		0								
	2152	4	0	0	0	98	84		0								
	MID.		0	0	0	84	80										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1551	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.560	26.470	26.530
BAROGRAPH 64	26.480	26.550	26.470	26.520
BAR. CORR. 65	+.020	+.010	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNAL. 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
98	76	0	0	0	28	SW	1545					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0455 SUNSET 1845

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

FASTEST OBSERVED HIGH/LOW WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1050PL 2130PL

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 (1-81)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METEOR'S INITIALS (15)
SA	0050	CLR	20			093	80	43	08	08		995	307	EP
SA	0150	CLR	20			093	80	46	10	06		995		EP
SA	0251	120 SCT	20			098	77	45	00	00		996		EP
SA	0350	120 SCT	20			106	76	47	07	04		999	310 103076 RADAT 80152	CH
SA	0450	120 SCT	20			115	76	48	00	00		001		CH
SA	0550	E100 BKN	20			116	80	49	00	00		002		CH
SA	0650	80 SCT E110 BKN	20			120	82	48	35	05		003	CB RWY NW MOVG N	
													214 1930	CH
SA	0750	80 SCT E110 BKN	20			125	82	60	03	03		004	CB RWY N MOVG N	CH
													OCNL LTG CG N	
SA	0850	80 SCT E110 BKN	20			120	89	55	35	07		003		CH
SA	0950	80 SCT E110 BKN	20			120	93	55	30	06		003	CB RWY SE MOVG N	
													000 1960 75	CH
SA	1050	80 SCT E110 BKN	20			120	95	55	33	04		003	TCU N-E	CH
SA	1150	80 SCT 110 SCT	20			108	94	50	32	04		000	CB NE	CH
SA	1250	80 SCT	20			101	96	46	29	09		997	CB RWY NE MOVG N	
													817 1900	CH
SA	1350	80 SCT	20			096	97	42	28	12	G22	996	CB RWY NE STNRY	CH
SA	1450	E 80 BKN	20			092	95	51	35	10		994	CB N-E STNRY	CH
SA	1550	80 SCT	20			098	91	54	10	18	G29	995	CB NE-SE STNRY/ SQ7	
													1900 X01	CH
SA	1655	80 SCT	20			098	89	57	12	18		995	CB NE-SE RADAT 81149	EP
SA	1753	E80 BKN	20			093	89	57	12	18		994	CB E-SE	EP
SA	1855	80 SCT	20			105	85	56	10	11		997	307 1400	EP
SA	1951	80 SCT	20			118	82	54	05	13		001		EP
SA	2052	80 SCT	20			123	80	54	05	13		003		EP
SA	2152	80 SCT	20			122	79	53	04	08		003	117 1100 01	EP
SA	2250	80 SCT	20			117	79	53	09	09		002		EP
SA	2355	CLR	20			119	78	51	06	07		002		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: AUG 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.550			22	0															0	3	.020			00-01
01 50	26.550			30	0															0					01-02
02 51	26.560			32	3															3					02-03
03 50	26.580			36	3	3	AC	120												3	3	.030			03-04
04 50	26.600			37	4															4					04-05
05 50	26.610			34	7															7					05-06
06 50	26.620			31	8	1	CB	80	7	AC	E110	8								8	2	.040			06-07
07 50	26.630			47	8															8					07-08
08 50	26.620			32	8															8					08-09
09 50	26.620			28	8	1	CB	80	7	AC	E110	8								7	0	.000			09-10
10 50	26.620			26	7															6					10-11
11 50	26.590			23	4															4					11-12
12 50	26.570			17	4	4	CB	80												4	8	.050			12-13
13 50	26.560			15	4															4					13-14
14 50	26.540			23	6															6					14-15
15 50	26.550			29	4	4	CB	80												4	5	.020			15-16
16 55	26.550			34	2															2					16-17
17 53	26.540			34	6															6					17-18
18 55	26.570			37	2	2	SC	80												2	3	.020			18-19
19 51	26.600			38	1															1					19-20
20 52	26.620			41	1															1					20-21
21 52	26.620			41	1	1	CU	80												1	1	.050			21-22
22 50	26.610			41	1															1					22-23
23 55	26.610			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 0348		0	0		84	76										
	0348	1	0	0	0	84	76		0								
	0948	2	0	0	0	93	75		0								
	1548	3	0	0	0	101	91		0								
	2148	4	0	0	0	91	79		0								
	MID.		0	0	0	80	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.620	26.550	26.620
BAROGRAPH 64	26.570	26.620	26.550	26.620
BAR. CORR. 65	+.010	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	75	0	0	0	29	E	1543					6	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0456 SUNSET 1844

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: 1060OP / 2239P

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

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: AUG 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)	OBS. METHODS (15)
SA	0050	CLR	20			112	77	51	12	06		001	807 1400	EP
SA	0150	CLR	20			109	77	51	07	05		000		EP
SA	0250	CLR	20			107	75	53	08	05		000		EP
SA	0350	CLR	20			117	71	51	13	05		001	502 1500 71 RADAT 77148	CRD
SA	0453	CLR	20			123	70	50	08	05		002	FEW SC	CRD
SA	0550	CLR	20			125	73	53	10	03		003	FEW SC	CRD
SA	0654	CLR	20			130	79	51	01	04		004	212 1501	CRD
SA	0752	CLR	20			128	83	53	31	03		004	FEW SC CI	CRD
SA	0851	250 - SCT	20			125	86	52	02	05		003	CU SE	CRD
SA	0951	250 - SCT	20			119	91	52	33	05		002	707 1101 70	CRD
SA	1057	250 - SCT	20			111	93	52	18	10		000	CU SE	CRD
SA	1150	250 - SCT	20			101	96	51	26	04		997	CU ALQDS	CRD
SA	1250	80 SCT	20			094	98	50	24	09		995	TCU E/720 1200	CRD
SA	1353	80 SCT	20			088	97	50	20	07		993	TCU N E	CRD
SA	1452	80 SCT	20			072	99	48	25	16		988	CB N E SE	CRD
SA	1553	80 SCT	20			069	99	45	23	17		987	TCU E/724 1200 00	RD
						—						—	RADAT 56151	—
SA	1656	80 SCT	20			068	97	41	22	13		987	TCU E RWU E	RD
SA	1755	80 SCT	20			068	95	36	22	12		987	TCU E	RD
SA	1853	80 SCT	20			069	93	34	20	11		987	500 1100	RD
SA	1958	CLR	20			076	89	26	14	05		990		RD
SA	2052	CLR	20			079	86	26	09	04		991		RD
SA	2155	CLR	20			075	85	25	06	04		991	108 1100 00	RD
SA	2254	CLR	20			074	79	27	08	06		991		RD
SA	2352	CLR	20			080	79	28	31	03		992		RD

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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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: AUG 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 50	26.600			40	0	0	Sc	80												0	8	.020			00-01
01 50	26.590			40	0															0					01-02
02 50	26.590			47	0															0					02-03
03 50	26.595			49	0	0	Sc	80												0	5	.005			03-04
04 53	26.605			49	0															0					04-05
05 50	26.615			50	0															0					05-06
06 54	26.630			33	0	0	Sc	80	0	Cl	250	0								0	2	.035			06-07
07 52	26.625			36	0															0					07-08
08 51	26.620			31	1															0					08-09
09 51	26.610			27	1	0	Cu	80	1	Ci	250	1								0	7	.020			09-10
10 51	26.570			25	1															0					10-11
11 50	26.570			22	1															0					11-12
12 50	26.550			20	1	1	Cu	80												1	7	.060			12-13
13 53	26.530			21	1															1					13-14
14 52	26.490			18	2															2					14-15
15 53	26.480			16	1	1	Cu	80												1	7	.070			15-16
16 56	26.475			15	1															1					16-17
17 55	26.475			13	1															1					17-18
18 53	26.480			13	1	1	Cu	80												1	5	.000			18-19
19 58	26.500			11	0															0					19-20
20 52	26.505			11	0															0					20-21
21 55	26.505			11	0	0	Cu	80												0	1	.025			21-22
22 54	26.505			15	0															0					22-23
23 52	26.515			15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	79	71	X	X						X		
	0347	1	0	0	0	80	71		0								
	0948	2	0	0	0	91	70		0								
	1549	3	0	0	0	100	89		0								
	2150	4	0	0	0	99	83		0								
	MID.	X	0	0	0	85	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.610	26.490	26.500
BAROGRAPH 64	26.600	26.610	26.480	26.500
BAR. CORR. 65	-.005	0*	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
100	70	0	0	0	23	SW	1618					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0456 SUNSET 1843

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: 1090P / 1830P /

0250 / SLP 112 / 0500

* BAROGRAPH CHART CHANGED "0" CHR

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

☆ U.S. Government Printing Office: 1986—484-383

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: 10 AUG 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	0059	CLR	20			079	82	27	06	03		992	103 1100	RD
SA	0151	CLR	20			080	79	31	11	07		992		RD
SA	0250	CLR	20			084	78	30	11	09		993		RD
SA	0355	CLR	20			085	74	34	03	05		993	103 74 RADAT 24147	CRD
SA	0450	CLR	20			090	74	36	36	04		994		CRD
SA	0550	CLR	20			092	77	39	03	06		994		CRD
SA	0652	CLR	20			090	89	40	18	10		995	208 1001	CRD
SA	0755	CLR	20			094	91	40	22	07		996	FEW CI	CRD
SA	0850	CLR	20			093	94	41	20	13		996	FEW CI	CRD
SA	0958	CLR	20			090	95	43	24	18 G23		995	802 1001 72	CRD
SA	1051	CLR	20			092	96	43	18	15 G27		994	FEW CU CI	CRD
SA	1152	CLR	20			082	98	41	24	18 G29		992	FEW CU CI	CRD
SA	1257	CLR	20			072	98	41	19	17 G29		990	715 1101	CRD
SA	1351	CLR	20			069	99	41	18	17 G25		988	CU ALQDS CS W	CRD
SA	1451	CLR	20			058	99	41	20	16 G27		985	CU ALQDS CS W	CRD
SA	1553	CLR	20			059	99	41	22	18		984	717 1101 00 RADAT 48149	RD
SA	1655	CLR	20			052	98	42	20	14 G28		983		RD
SA	1753	CLR	20			049	96	41	22	17		982		RD
SA	1852	CLR	20			054	94	40	21	11		983	503 1100	RD
SA	1959	CLR	20			054	92	41	22	19		985		RD
SA	2050	CLR	20			057	91	42	21	19		986		RD
SA	2150	CLR	20			060	89	43	20	14 G22		987	214 00	RD
SA	2251	CLR	20			060	89	43	21	11		989		RD
SA	2353	CLR	20			063	89	42	21	16		987		RD

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 (1-62) WHICH MAY BE USED.

☆U.S.GPO:1984-0-784-006/6085

MF1-10B (4-88)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: 10 AUG 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 57	26.515			13	0	0	Cu	80												0	1	.010			00-01
01 51	26.515			17	0															0					01-02
02 50	26.525			17	0															0					02-03
03 55	26.525			23	0															0	1	.010			03-04
04 50	26.535			25	0															0					04-05
05 50	26.540			26	0															0					05-06
06 52	26.550			18	0	0	Ci	250												0	2	.025			06-07
07 55	26.555			17	0															0					07-08
08 50	26.555			16	0															0					08-09
09 58	26.545			17	0	0	Ci	250												0	8	.005			09-10
10 51	26.540			16	0															0					10-11
11 52	26.520			14	0															0					11-12
12 57	26.500			14	0	0	Cu	80	0	Ci	250	0								0	7	.045			12-13
13 51	26.490			14	0															0					13-14
14 51	26.460			14	0															0					14-15
15 53	26.450			14	0	0	Cu	80	0	Ci	250	0								0	7	.050			15-16
16 55	26.435			15	0															0					16-17
17 53	26.430			15	0															0					17-18
18 52	26.440			16	0	0	Cu	80												0	5	.010			18-19
19 57	26.455			17	0															0					19-20
20 50	26.465			18	0															0					20-21
21 50	26.480			20	0															0	2	.040			21-22
22 51	26.480			20	0															0					22-23
23 53	26.480			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 0350	X	0	0	X	84	74	X	X						X		
	0350	1	0	0	0	85	74		0								
	0953	2	0	0	0	95	72		0								
	1548	3	0	0	0	100	94		0								
	2148	4	0	0	0	99	89		0								
	MID.	X	0	0	0	89	88	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0957	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.515	26.545	26.450	26.480
BAROGRAPH 64	26.520	26.550	26.455	26.480
BAR. CORR. 65	+.005	-.005	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	72	0	0	0	33	SW	1158					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0457 SUNSET 1842

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: 1061511805Z

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: 11 AUG 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=360) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			059	88	40	21	13		986	803	RD
SA	0150	CLR	20			057	86	42	17	07		986		RD
SA	0250	CLR	20			062	82	43	23	12		987		RD
SA	0351	CLR	20			065	80	42	33	04		989	303 80 RADAT 50149	CRD
SA	0453	CLR	20			069	79	43	33	05		988		CRD
SA	0550	CLR	20			079	77	42	02	08		991		CRD
SA	0651	CLR	20			083	83	45	23	05		993	215	CRD
SA	0753	CLR	20			083	85	45	25	17 G23		993		CRD
SA	0850	CLR	20			080	88	45	23	21 G29		992	CI NW	CRD
SA	0951	CLR	20			080	89	45	22	17 G29		992	803 1100 75	CRD
SA	1058	CLR	20			079	92	44	22	18 G29		992		CRD
SA	1151	CLR	20			074	93	45	23	18 G29		991		CRD
SA	1250	CLR	20			074	94	45	22	16 G26		991	ACSL NW/602 1040	CRD
SA	1350	CLR	20			064	95	44	19	12 G25		989	ACSL NW	CRD
SA	1450	250 SCT	20			058	96	43	23	17 G27		985	CB DSNT W-NW ACSL AKQDS	CRD
SA	1557	250 SCT	20			054	96	44	19	18		984	CB DSNT NW ACSL S/	RD
												—	722 1943 97	—
SA	1650	CLR	20			048	95	44	20	18 G28		982	Cu NW	RD
SA	1754	CLR	20			046	94	43	18	20		981	Cu NW	RD
SA	1853	CLR	20			048	92	43	20	08		983	503 1151	RD
SA	1955	CLR	20			055	91	45	~~35~~	~~05~~		984	CB DSNT NW OCNL LTG NW	RD
SA	2051	CLR	20			060	88	46	20	16		986	CB DSNT W OCNL LTG W	RD
SA	2156	CLR	20			060	87	47	21	13		986	110 1003 97	RD
SA	2255	CLR	20			060	86	46	22	17		986		RD
SA	2354	CLR	20			060	85	45	22	12		986		RD

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: 11 AUG 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	26.470			19	0															0	8	.010			00-01
01 50	26.465			22	0															0					01-02
02 50	26.475			25	0															0					02-03
03 51	26.480			26	0															0	3	.010			03-04
04 53	26.490			28	0															0					04-05
05 50	26.510			28	0															0					05-06
06 51	26.525			27	0															0	2	.045			06-07
07 53	26.525			25	0															0					07-08
08 50	26.520			23	0															0					08-09
09 51	26.515			22	0	0	Cu	80												0	8	.010			09-10
10 58	26.520			19	0															0					10-11
11 51	26.510			19	0															0					11-12
12 50	26.510			19	0	0	ACSL	160												0	6	.005			12-13
13 50	26.480			17	0															0					13-14
14 50	26.460			16	1															1					14-15
15 57	26.445			17	1	0	Cb	80	0	Acsl	180	0	1	Ci	250	1				1	7	.065			15-16
16 50	26.430			18	0															0					16-17
17 54	26.420			19	0															0					17-18
18 53	26.435			19	0	0	Cu	80	0	Ac	180	0	0	Ci	250	0				0	5	.010			18-19
19 55	26.450			21	0															0					19-20
20 51	26.465			24	0															0					20-21
21 56	26.465			25	0	0	Ci	250												0					21-22
22 55	26.465			25	0															0	1	.030			22-23
23 54	26.465			25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	89	80	X	X						X		
	0347	1	0	0	0	89	80		0								
	0947	2	0	0	0	90	75		0								
	1548	3	0	0	0	97	89		0								
	2149	4	0	0	0	97	87		0								
	MID.	X	0	0	0	87	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1556	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.515	26.445	26.465
BAROGRAPH 64	26.475	26.515	26.445	26.465
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 UNTIL TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	75	0	0	0	34	S	1608					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 0458P SUNSET 1840P

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: 1020P / 1958P

1955 / 1955

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: 12 AUG 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 (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIAL NO. INITIALS (15)
SA	0053	CLR	20			064	82	46	16	05		987	303	RD
SA	0151	CLR	20			067	80	48	29	07		989		RD
SA	0250	CLR	20			073	75	48	04	07		988		RD
SA	0351	CLR	20			076	73	48	36	07		990	207 73 RADAT 72144	HS
SA	0450	CLR	20			087	71	48	35	06		992	SC NE	HS
SA	0550	CLR	20			094	74	49	02	05		994	SC NE	HS
SA	0651	CLR	20			092	79	50	26	05		994	115 1400	HS
SA	0751	CLR	20			093	[illegible]	[illegible]	27	13		[illegible]		HS
SA	0851	CLR	20			094	84	50	23	12		995	FEW AC	HS
SA	0952	CLR	20			091	87	49	22	14		995	102 1100 70	HS
SA	1052	CLR	20			085	89	49	22	12	G21	993	CU SE W NW	HS
SA	1150	CLR	20			076	92	48	21	13	G23	991	SML CB NW CU SE	HS
SA	1252	CLR	20			066	93	46	22	16	G24	987	CB N CU SE W 822 1900	HS
SA	1350	CLR	20			060	94	44	19	16	G24	985	CB N CU SE W	HS
SA	1450	CLR	20			055	94	44	22	14	G28	983	CB N CU SE W	HS
SA	1553	CLR	20			048	94	44	21	15	G32	981	CB DSNT W N / 720 1900 96 RADAT 37151	JS
SA	1650	CLR	20			046	94	43	22	12	G22	981	CB DSNT W-N-E	JS
SA	1754	CLR	20			046	93	44	21	12	G21	981	CB DSNT NW-N-E	JS
SA	1850	CLR	20			048	90	42	24	10		981	CB DSNT NW E/SOU 1900	JS
SA	1955	CLR	20			050	89	38	22	11	G25	982	CB DSNT NW-N OCNL LTGCC NW-N	JS
SA	2051	CLR	20			057	87	37	22	13		984	CB FQT LTGIC NW DSNT NW	JS
SA	2151	CLR	20			060	85	40	23	12		985	CB OCNL LTGIC DSNT NW / 112 1900 96	JS
SA	2250	80 SCT	20			058	84	38	23	07		985		JS
SA	2351	80 SCT	20			060	84	38	35	07		985		JS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 12 Aug 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	26.475			29	0															0					00-01
01 51	26.480			33	0															0	3	.010			01-02
02 50	26.490			39	0															0					02-03
03 51	26.495			42	0															0					03-04
04 50	26.520			44	0															0	2	.020			04-05
05 50	26.540			42	0															0					05-06
06 51	26.540			37	0	0	Sc	90												0					06-07
07 52	26.545			33	0															0	1	.045			07-08
08 51	26.545			31	0															0					08-09
09 52	26.545			27	0	0	Cu	90												0					09-10
10 52	26.525			25	0															0	1	.005			10-11
11 50	26.510			23	0															0					11-12
12 52	26.480			20	0	0	CB	90												0					12-13
13 50	26.460			18	0															0	8	?.065			13-14
14 50	26.440			18	0															0					14-15
15 53	26.420			18	0	0	CB	90												0					15-16
16 50	26.415			17	0															0	7	.060			16-17
17 54	26.415			19	0															0					17-18
18 50	26.420			19	0	0	CB	90												0					18-19
19 55	26.430			17	0															0	5	.000			19-20
20 51	26.450			17	0															0					20-21
21 51	26.455			21	0	0	CB	90												0					21-22
22 50	26.455			19	1															0	1	.035			22-23
23 51	26.460			20	4															1					23-24
																				4					

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	85	73	X	X						X		
	0349	1	0	0	0	87	73		0								
	0950	2	0	0	0	87	70		0								
	1550	3	0	0	0	96	86		0								
	2148	4	0	0	0	94	85		0								
	MID.	X	0	0	0	85	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.495	26.545	26.490	26.455
BAROGRAPH 64	26.500	26.500	26.420	26.445
BAR. CORR. 65	-.005	-.005	-0-	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
96	70	0	0	0	32	SW	1547					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0459 SUNSET 1838

SUNSHINE (MIN.) PERCENT OF POSS. 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: 0900 / 1554 /

2051, 2051

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 [redacted]

DATE AUG 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	80 SCT	20			065	79	37	02	06		986	305 1100	JS
SA	0152	CLR	20			060	76	37	36	06		985	CU NW	JS
SA	0250	CLR	20			060	74	37	32	08		984		JS
SA	0352	CLR	20			059	76	36	27	03		984	607 72 RADAT 69139	HS
SA	0450	CLR	20			061	69	37	04	10		984	SC NW-NE	HS
SA	0550	CLR	20			068	73	39	04	07		986	SC NW-NE	HS
SA	0651	CLR	20			066	79	40	35	06		986	107 1401	HS
SA	0750	CLR	20			069	83	40	25	06		987		HS
SA	0852	CLR	20			060	87	32	21	14	G23	985		HS
SA	0953	CLR	20			061	87	38	20	14	G26	985	803 1001 68	HS
SA	1050	CLR	20			060	89	38	23	15	G24	985		HS
SA	1156	CLR	20			055	89	33	22	18	G28	983		HS
SA	1251	CLR	20			046	91	35	20	19	G31	981	CU SE 814 1101	HS
SA	1350	CLR	20			041	91	37	21	16	G28	979	CU SE DSIPTD	HS
SA	1450	CLR	20			030	91	35	21	20	G32	975	AC NW	HS
SA	1553	CLR	20			026	89	36	23	16	G28	974	620 91 RADAT 20148	JS
SA	1652	CLR	20			026	89	34	20	17	G25	973		JS
SA	1750	CLR	20			020	87	34	22	15	G26	972		JS
SA	1852	CLR	20			015	85	31	20	14		971	712	JS
SA	1950	CLR	20			018	84	34	21	15		972		JS
SA	2050	CLR	20			015	83	39	21	12		972		JS
SA	2155	CLR	20			014	82	44	19	13	G20	971	002 91	JS
SA	2251	CLR	20			011	80	45	19	06		971		JS
SA	2350	CLR	20			006	80	42	18	08		969		JS

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, NV

DATE: AUG 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	26.470			22	1	1	CU	80											1	3	.015			00-01
01	52	26.455			24	0																			01-02
02	50	26.450			26	0														0					02-03
03	52	26.450			23	0														0					03-04
04	50	26.450			31	0														0	6	.020			04-05
05	50	26.470			30	0														0					05-06
06	51	26.470			25	0	0	SC	90	0	CI	250	0							0					06-07
07	50	26.480			22	0														0	1	.020			07-08
08	52	26.460			14	0														0					08-09
09	53	26.460			18	0	0	CI	250											0					09-10
10	50	26.460			17	0														0	8	.010			10-11
11	56	26.440			14	0														0					11-12
12	51	26.420			14	0	0	CU	90	0	CI	250	0							0					12-13
13	50	26.400			15	0														0	8	.040			13-14
14	50	26.370			14	0														0					14-15
15	53	26.360			16	0														0					15-16
16	52	26.350			14	0														0	6	.060			16-17
17	50	26.335			15	0														0					17-18
18	52	26.325			14	0														0					18-19
19	50	26.340			16	0														0	7	.035			19-20
20	50	26.340			21	0														0					20-21
21	55	26.330			26	0														0					21-22
22	51	26.325			29	0														0	0	.005			22-23
23	[illegible]	26.310			26	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		84	72										
	0350	1	0	0	0	85	72		0								
	0951	2	0	0	0	88	68		0								
	1550	3	0	0	0	91	87		0								
	2152	4	0	0	0	90	81		0								
	MID.		0	0	0	82	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1553	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.460	26.360	26.330
BAROGRAPH 64	26.440	26.475	26.340	26.210
BAR. CORR. 65	+.010	*-.015	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNREL'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
91	68	0	0	0	34	SW	1501					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0500 SUNSET 1838

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: 1070012156/

0152/0152

* BAROGRAPH CHART CHANGED

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 [redacted]

DATE AUG 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	CLR	20			009	76	47	31	09		970	505	JS
SA	0150	CLR	20			005	75	48	25	13		968		JS
SA	0251	CLR	20			008	73	48	03	03		969		JS
SA	0351	CLR	20			006	70	49	36	06		967	605 70 RADAT 33143	HS
SA	0451	CLR	20			007	69	50	35	06		967		HS
SA	0550	CLR	20			012	70	50	00	00		970		HS
SA	0650	CLR	20			019	73	52	25	14		971	310	HS
SA	0750	CLR	20			018	75	52	23	20	G32	971		HS
SA	0850	CLR	20			014	79	49	22	22	G33	970		HS
SA	0952	CLR	20			016	81	48	23	18	G32	971	500 68	HS
SA	1050	CLR	20			011	83	45	23	17	G29	970	CU NW	HS
SA	1150	CLR	20			015	84	42	21	18	G30	971	CU NW	HS
SA	1250	CLR	20			016	85	42	21	14	G29	971	500 1100	HS
SA	1350	CLR	20			006	86	41	21	15	G32	969	CU NW	HS
SA	1450	CLR	20			002	87	39	21	18	G33	966	CU NW	HS
SA	1552	CLR	20			002	87	36	21	20	G34	966	615 88 RADAT 20151	JS
SA	1650	CLR	20			006	86	32	22	20	G35	967	PK WND 2236/42	JS
SA	1753	CLR	20			010	83	32	23	12	G22	968		JS
SA	1854	CLR	20			017	79	28	20	14		970	212	JS
SA	1950	CLR	20			021	77	28	21	13		971		JS
SA	2051	CLR	20			021	76	28	23	16	G24	972		JS
SA	2150	CLR	20			027	73	32	24	10	G19	973	210 88	JS
SA	2252	CLR	20			035	70	40	24	10	G19	975		JS
SA	2350	CLR	20			045	69	39	23	10	G20	978		JS

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 0-764-406/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: AUG 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	26.315			37	0															0	5	.015			00-01
01 50	26.305			38	0															0					01-02
02 51	26.310			41	0															0					02-03
03 51	26.300			48	0															0					03-04
04 51	26.300			50	0															0	6	.015			04-05
05 50	26.315			50	0															0					05-06
06 50	26.330			47	0															0					06-07
07 50	26.325			41	0															0	3	.030			07-08
08 50	26.320			35	0															0					08-09
09 52	26.330			31	0															0					09-10
10 50	26.320			26	0															0	5	.000			10-11
11 50	26.330			23	0															0					11-12
12 50	26.330			22	0	0	CU	90												0					12-13
13 50	26.310			21	0															0	5	.000			13-14
14 50	26.290			18	0															0					14-15
15 52	26.285			17	0															0					15-16
16 50	26.295			15	0															0	6	.045			16-17
17 53	26.305			16	0															0					17-18
18 54	26.320			16	0															0					18-19
19 50	26.330			16	0															0	2	.035			19-20
20 51	26.335			17	0															0					20-21
21 50	26.350			22	0															0					21-22
22 52	26.370			33	0															0	2	.030			22-23
23 50	26.395			34	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 43	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		80	70										
	0349	1	0	0	0	82	70		0								
	0950	2	0	0	0	82	68		0								
	1549	3	0	0	0	88	81		0								
	2148	4	0	0	0	87	73		0								
	MID.		0	0	0	73	69										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.300	26.330	26.285	26.350
BAROGRAPH 64	26.285	26.310	26.280	26.315
BAR. CORR. 65	+.015	+.020	+.005	+.035

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	68	0	0	0	36	SW	1642					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0500 SUNSET 1837

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: 1075S / 1955P/

* CORRECTED TO ZERO
1650/WND GUST 36/0800 8/28/87.

MF1-10B (4-86)

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

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

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION [redacted]

DATE AUG 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)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			057	66	39	24	12		980	220	JS
SA	0150	CLR	20			056	64	40	33	07		981		JS
SA	0250	CLR	20			065	64	40	26	09		984		JS
SA	0351	CLR	20			070	62	40	31	04		985	215 62 RADAT MISG	JS
SA	0450	CLR	20			079	58	39	01	06		986	RADAT 36132	HS
SA	0550	CLR	20			090	61	40	34	04		990		HS
SA	0653	CLR	20			098	65	43	21	07		992	222	HS
SA	0750	CLR	20			101	67	42	24	08		993		HS
SA	0850	CLR	20			108	69	41	23	11		995		HS
SA	0950	CLR	20			108	73	39	26	07		995	110 56	HS
SA	1050	CLR	20			107	77	38	24	08		995		HS
SA	1150	CLR	20			104	79	37	24	08		994		HS
SA	1254	CLR	20			100	82	35	24	07		993	807	HS
SA	1350	CLR	20			097	84	35	28	07		992	~~GD~~ A- CU N	HS
SA	1450	CLR	20			094	87	35	28	12		992	CU N	HS
SA	1551	CLR	20			094	86	34	22	12		992	605 87 RADAT 20143	JS
SA	1653	CLR	20			093	86	34	23	13		991		JS
SA	1750	CLR	20			093	84	33	27	10		991		JS
SA	1855	CLR	20			097	80	33	27	06		992	302	JS
SA	1954	CLR	20			114	76	32	31	06		996		JS
SA	2051	CLR	20			120	72	32	03	07		997		JS
SA	2151	CLR	20			122	69	32	01	08		999	320 87	JS
SA	2251	CLR	20			122	68	33	03	08		000		JS
SA	2350	CLR	20			125	67	33	09	03		001		JS

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, NV

DATE: AUG 15 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	26.410			37	0															0	2	.060			00-01
01 50	26.420			41	0															0					01-02
02 50	26.445			42	0															0					02-03
03 51	26.455			44	0															0	2	.045			03-04
04 50	26.470			50	0															0					04-05
05 50	26.500			47	0															0					05-06
06 53	26.520			45	0															0	2	.045			06-07
07 50	26.530			40	0															0					07-08
08 50	26.550			37	0															0					08-09
09 50	26.550			29	0															0	1	.030			09-10
10 50	26.550			24	0															0					10-11
11 50	26.540			22	0															0					11-12
12 54	26.530			19	0															0	8	.020			12-13
13 50	26.520			17	0															0					13-14
14 50	26.520			16	0															0					14-15
15 51	26.515			16	0															0	6	.015			15-16
16 53	26.505			16	0															0					16-17
17 50	26.510			16	0															0					17-18
18 55	26.520			19	0															0	3	.005			18-19
19 54	26.560			20	0															0					19-20
20 51	26.570			23	0															0					20-21
21 51	26.580			26	0															0	3	.060			21-22
22 51	26.585			27	0															0					22-23
23 50	26.595			28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	69	62	X	X						X		
	0349	1	0	0	0	73	62		0								
	0948	2	0	0	0	74	56		0								
	1549	3	0	0	0	87.	73.		0								
	2149	4	0	0	0	87.	69.		0								
	MID.	X	0	0	0	69.	67.	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0359	0949	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.455	26.550	26.515	26.580
BAROGRAPH 64	26.455	26.550	26.515	26.575
BAR. CORR. 65	+0	±0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
87	56	0	0	0	20	W	1605 *					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 0501 SUNSET 1836

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: 1070 / 2020 /

1350-1350

* LAST OF SEVERAL ~~Occ~~ 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, NV

DATE: AUG 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 (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			126	65	33	00	00		001	207	JS
SA	0153	CLR	20			128	65	33	00	00		002		JS
SA	0250	CLR	20			128	64	33	12	03		002		JS
SA	0354	CLR	20			131	60	32	00	00		002	103 60 RADAT 20158	JP
SA	0457	CLR	20			143	59	32	06	04		005		JP
SA	0555	CLR	20			150	63	34	07	03		007		JP
SA	0657	CLR	20			152	70	33	00	00		008	10726	JP
SA	0751	CLR	20			150	77	33	00	00		008		JP
SA	0853	CLR	20			149	83	34	23	03		008		JP
SA	0953	CLR	20			149	87	33	00	00		008	400 58	JP
SA	1054	CLR	20			145	88	33	11	03		007		JP
SA	1154	CLR	20			136	90	31	21	11		005		JP
SA	1252	CLR	20			134	91	32	20	10		004	714	JP
SA	1354	CLR	20			129	92	33	22	11		003		JP
SA	1450	CLR	20			127	92	33	28	14		001		JP
SA	1552	CLR	20			124	93	33	23	10		001	610 93 RADAT 20160	JS
SA	1657	CLR	20			122	91	32	29	03		000		JS
SA	1755	CLR	20			117	89	32	27	09		999		JS
SA	1858	CLR	20			119	84	31	23	07		000	503	JS
SA	1954	CLR	20			125	81	28	28	04		002		JS
SA	2056	CLR	20			130	73	27	02	06		003		JS
SA	2155	CLR	20			133	71	25	03	08		004	114 93	JS
SA	2250	CLR	20			132	71	25	10	08		004		JS
SA	2357	CLR	20			132	69	25	06	06		004		JS

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, NV

DATE: AUG 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 52	26.600			30	0															0	2	.020			00-01
01 53	26.605			30	0															0					01-02
02 50	26.610			31	0															0					02-03
03 54	26.610			35	0															0	1	.010			03-04
04 58	26.640			36	0															0					04-05
05 53	26.660			34	0															0					05-06
06 57	26.670			26	0															0	1	.060			06-07
07 51	26.670			20	0															0					07-08
08 53	26.670			17	0															0					08-09
09 53	26.670			15	0															0	4	.000			09-10
10 54	26.660			14	0															0					10-11
11 54	26.640			12	0															0					11-12
12 56	26.630			12	0															0	7	.040			12-13
13 54	26.620			12	0															0					13-14
14 50	26.600			12	0															0					14-15
15 52	26.600			12	0															0	6	.030			15-16
16 57	26.590			12	0															0					16-17
17 55	26.580			13	0															0					17-18
18 58	26.590			15	0															0	5	.010			18-19
19 54	26.610			14	0															0					19-20
20 56	26.620			18	0															0					20-21
21 55	26.630			18	0															0	1	.040			21-22
22 50	26.630			18	0															0					22-23
23 57	26.630			19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	67	60	X	X						X		
	0352	1	0	0	0	69	60		0								
	0957	2	0	0	0	87	58		0								
	1548	3	0	0	0	93	85		0								
	2150	4	0	0	0	93	71		0								
	MID.	X	0	0	0	74	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0957	1552	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.670	26.600	26.630
BAROGRAPH 64	26.615	26.670	26.595	26.620
BAR. CORR. 65	-.005	0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD. (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	58	0	0	0	17	W	1452					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 0502 SUNSET 1835

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: 1053AM 1806PM

0657P / ATP 120 / 1835P

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

WSMO, DESERT ROCK NEVADA

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION [redacted]

DATE AUG 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 (10-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	CLR	20			134	65	25	03	05		004	HCC	[redacted]
SA	0156	CLR	20			137	66	25	09	05		005		[redacted]
SA	0250	CLR	20			138	63	26	09	03		005		[redacted]
SA	0353	CLR	20			150	61	25	02	04		008	314 61 RADAT 20154	JP
SA	0456	CLR	20			150	62	25	00	00		008		JP
SA	0555	CLR	20			156	66	26	15	03		011		JP
SA	0656	CLR	20			164	73	27	00	00		013	314	JP
SA	0757	CLR	20			161	81	27	00	00		013		JP
SA	0850	CLR	20			162	86	26	30	03		013		JP
SA	0954	CLR	20			162	89	27	00	00		013	400 59	JP
SA	1056	CLR	20			153	92	30	27	08		011		JP
SA	1157	CLR	20			146	93	31	25	07		008		JP
SA	1256	CLR	20			141	93	30	21	08		006	720	JP
SA	1355	CLR	20			131	96	33	24	04		004		JP
SA	1450	CLR	20			127	96	32	22	05		003		JP
SA	1552	CLR	20			125	96	32	30	04		002	614 97 RADAT 20160	[redacted]
SA	1658	CLR	20			118	95	30	23	12		000		[redacted]
SA	1750	CLR	20			117	93	29	25	12		000		[redacted]
SA	1856	CLR	20			121	86	28	28	05		001	503	[redacted]
SA	1955	CLR	20			125	79	25	06	05		002		[redacted]
SA	2055	CLR	20			132	75	25	06	05		004		[redacted]
SA	2155	CLR	20			132	72	25	05	06		004	110 97	[redacted]
SA	2257	CLR	20			130	71	25	06	03		004		[redacted]
SA	2352	CLR	20			130	70	25	05	06		004		[redacted]

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, NV

DATE: AUG 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	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	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.630			22	0															0	4	.000			00-01
01 56	26.640			21	0															0					01-02
02 50	26.640			24	0															0					02-03
03 53	26.670			25	0															0	3	.040			03-04
04 56	26.670			24	0															0					04-05
05 55	26.690			22	0															0					05-06
06 56	26.710			18	0															0	3	.040			06-07
07 57	26.710			14	0															0					07-08
08 50	26.710			11	0															0					08-09
09 54	26.710			11	0															0	4	.000			09-10
10 56	26.690			11	0															0					10-11
11 57	26.670			11	0															0					11-12
12 56	26.650			11	0															0	7	.060			12-13
13 55	26.630			11	0															0					13-14
14 50	26.620			11	0															0					14-15
15 52	26.610			11	0															0	6	.040			15-16
16 58	26.590			10	0															0					16-17
17 50	26.590			10	0															0					17-18
18 56	26.600			12	0															0	5	.010			18-19
19 55	26.610			14	0															0					19-20
20 55	26.630			16	0															0					20-21
21 55	26.630			17	0															0	1	.030			21-22
22 57	26.630			18	0															0					22-23
23 52	26.630			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	69	61	X	X						X		
	0351	1	0	0	0	74	61		0								
	0952	2	0	0	0	89	59		0								
	1548	3	0	0	0	97.	89.		0								
	2150	4	0	0	0	97.	72.		0								
	MID.	X	0	0	0	72	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1552	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.710	26.610	26.630
BAROGRAPH 64	26.655	26.715	26.615	26.635
BAR. CORR. 65	+015	-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 UNOFF. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Knts.) 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
97	59	0	0	0	14	SW	1702					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 0503 SUNSET 1833

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: 1061PP / 1603PP /

0034 / APP 400 / 0159

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: AUG. 18 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 Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0052	CLR	20			132	67	25	07	03		004	400	[illegible]
SA	0155	CLR	20			131	66	24	00	00		004		[illegible]
SA	0250	CLR	20			133	64	24	12	03		004		[illegible]
SA	0353	CLR	20			134	65	25	36	03		006	307 63 RADAT 20157	JP
SA	0455	CLR	20			148	63	24	00	00		008		JP
SA	0556	CLR	20			155	67	25	03	04		011		JP
SA	0654	CLR	20			154	76	25	00	00		011	114	JP
SA	0753	CLR	20			154	82	26	00	00		011		JP
SA	0850	CLR	20			153	84	28	28	03		011		JP
SA	0952	CLR	20			153	92	30	00	00		011	400 61	JP
SA	1059	CLR	20			144	96	32	21	12		008		JP
SA	1153	CLR	20			141	95	32	23	10		007		JP
SA	1254	CLR	20			134	96	34	25	07		005	717	JP
SA	1353	CLR	20			122	98	34	24	06		002		JP
SA	1450	CLR	20			115	99	35	25	10		000	FEW AC SW	JP
SA	1553	CLR	20			110	98	33	23	14		999	620 1080 00 RADAT 21168	[illegible]
SA	1656	180 SCT 250 SCT	20			113	96	33	28	15		999		[illegible]
SA	1751	180 SCT 250 SCT	20			108	95	33	24	13		997		[illegible]
SA	1850	180 SCT 250-BKN	20			106	91	31	24	12		997	603 1084	[illegible]
SA	1955	180 SCT 250-BKN	20			112	88	31	25	06		000		[illegible]
SA	2055	180 SCT 250-BKN	20			115	82	30	02	06		001		[illegible]
SA	2156	180 SCT 250-BKN	20			115	80	31	01	07		001	110 1084 00	[illegible]
SA	2255	250-SCT	20			113	79	32	04	07		001		[illegible]
SA	2352	250-SCT	20			113	79	33	05	07		001		[illegible]

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 6$RRRt_R$ 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-784-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG. 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 52	26.630			20	0															0	4	.000			00-01
01 55	26.630			20	0															0					01-02
02 50	26.630			22	0															0					02-03
03 53	26.650			22	0															0	3	.020			03-04
04 55	26.670			22	0															0					04-05
05 56	26.690			20	0															0					05-06
06 54	26.690			15	0															0	1	.040			06-07
07 53	26.690			13	0															0					07-08
08 50	26.690			11	0															0					08-09
09 52	26.690			11	0															0	4	.000			09-10
10 59	26.670			11	0															0					10-11
11 53	26.660			11	0															0					11-12
12 54	26.640			11	0															0	7	.050			12-13
13 53	26.610			11	0															0					13-14
14 50	26.590			11	0															0					14-15
15 53	26.580			10	0	0	AC	180												0	6	.060			15-16
16 56	26.580			11	3															3					16-17
17 51	26.570			11	3															3					17-18
18 50	26.570			12	8	2	AC	180	6	CI	250	8								3	6	.010			18-19
19 55	26.590			13	8															3					19-20
20 55	26.600			15	8															3					20-21
21 56	26.600			17	8	3	AC	180	5	CI	250	8								4	1	.030			21-22
22 55	26.600			18	3															1					22-23
23 52	26.600			19	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	71	63	X	X						X		
	0351	1	0	0	0	72	63		0								
	0950	2	0	0	0	92	61		0								
	1549	3	0	0	0	100	92		0								
	2150	4	0	0	0	99	80		0								
	MID.	X	0	0	0	81	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1553	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.640	26.580	26.600
BAROGRAPH 64	26.650	26.690	26.580	26.600
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 (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 OR WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER MIN. FROM SUNSET TO MIDNIGHT 78	SKY COVER MID. MIDNIGHT TO SUNRISE 79	WATER EQUIV. (Ins.) 80	81
100	61	0	0	0	22	SW	1340					0	2		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0504 SUNSET 1832

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: 1053P/1853P/

☆ U.S. Government Printing Office: 1988—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: AUG 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 (Hins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	250 - SCT	20			111	76	32	04	04		000	803 1001	LG
SA	0153	CLR	20			116	71	31	04	04		001		LG
SA	0250	250 - SCT	20			113	70	31	05	05		000		LG
SA	0355	250 - SCT	20			114	70	31	10	03		000	000 1001 69	JP
													RADAT 30169	
SA	0454	250 - SCT	20			118	67	31	34	03		001		JP
SA	0552	150 SCT 250 - SCT	20			122	69	32	30	04		002		JP
SA	0653	150 SCT 250 - SCT	20			125	74	32	00	00		003	210 1071	JP
SA	0754	150 SCT 250 - BKN	20			123	84	33	17	03		003		JP
SA	0853	150 SCT 250 - BKN	20			123	90	34	20	03		003		JP
SA	0952	150 SCT 250 - BKN	20			123	91	33	03	05		003	400 1071 67	JP
SA	1054	150 SCT 250 - BKN	20			113	96	33	18	12		001		JP
SA	1153	250 - BKN	20			104	98	34	20	15	G23	999		JP
SA	1254	250 - BKN	20			098	98	34	21	21	G30	996	720 1001	JP
SA	1353	250 - SCT	20			096	98	33	22	22	G31	995		JP
SA	1453	250 - SCT	20			089	99	33	23	19	G29	993		JP
SA	1552	250 - SCT	20			090	96	32	23	14	G24	993	610 1004 00 RADAT 42154	WRG
SA	1652	250 - SCT	20			088	97	30	23	15	G23	992		WRG
SA	1752	180 SCT 250 SCT	20			084	94	28	23	13	G22	991	ACCAS OVHD	WRG
SA	1852	160 SCT 250 - SCT	20			088	91	26	23	12		992	503 1081	WRG
SA	1952	160 SCT 250 - SCT	20			087	90	25	21	10	G18	993		WRG
SA	2050	160 SCT 250 - SCT	20			091	89	23	21	10		995		WRG
SA	2152	160 SCT 250 SCT	20			098	83	20	13	03		996	214 1071 00	WRG
SA	2252	160 SCT 250 SCT	20			096	84	22	14	03		996		WRG
SA	2352	160 SCT 250 SCT	20			095	82	23	14	06		996		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG. 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 56	26.590			20	2	2	Ci	250												0	8	.010			00-01
01 53	26.600			23	0															0					01-02
02 50	26.590			23	2															0					02-03
03 55	26.590			24	1	1	Ci	250												0	0	.000			03-04
04 54	26.600			26	4															1					04-05
05 52	26.610			25	5															2					05-06
06 53	26.620			21	4	1	Ac	150	3	Ci	250	4								1	2	.030			06-07
07 54	26.620			16	7															2					07-08
08 53	26.620			14	7															2					08-09
09 52	26.620			13	8	1	Ac	150	7	Ci	250	8								3	4	.000			09-10
10 54	26.600			11	8															3					10-11
11 53	26.580			11	8															2					11-12
12 54	26.560			11	6	6	Ci	250												1	7	.060			12-13
13 53	26.550			10	4															1					13-14
14 53	26.530			10	3															1					14-15
15 52	26.530			10	5	5	Ci	250												2	6	.030			15-16
16 52	26.520			10	2															1					16-17
17 52	26.510			9	3															2					17-18
18 52	26.520			9	5	2	Accas	160	3	Ci	250	5								2	5	.010			18-19
19 52	26.530			9	5															2					19-20
20 50	26.550			9	5															2					20-21
21 52	26.560			10	5	3	Ac	160	2	Ci	250	5								4	2	.040			21-22
22 51	26.560			10	5															3					22-23
23 52	26.560			11	4															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	80	69	X	X						X		
	0353	1	0	0	0	81	69		0								
	0950	2	0	0	0	91	67		0								
	1548	3	0	0	0	100	91		0								
	2148	4	0	0	0	98	83		0								
	MID.	X	0	0	0	86	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.620	26.530	26.560
BAROGRAPH 64	26.595	26.625	26.535	26.555
BAR. CORR. 65	-.005	-.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 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
100	67	0	0	0	31	SW	1353*					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 0505 SUNSET 1831

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: 1063P/2230 /

*Last of several occurrences

☆ 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: AUG 20 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0052	160 SCT 250 SCT	20			097	80	26	18	06		996	400 1071	WRG
SA	0150	160 SCT 250 -BKN	20			095	77	26	09	06		995		WRG
SA	0250	160 SCT 250 -BKN	20			089	78	26	04	07		994		WRG
SA	0350	160 SCT E250 BKN	20			092	74	25	02	07		994	607 1071 73	SH
	—		—			—						—	RADAT 53147	—
SA	0451	E160 BKN 250 OVC	20			093	76	27	01	04		995		SH
SA	0550	E160 BKN 250 OVC	20			100	78	21	14	07		996		SH
SA	0655	E160 BKN 250 OVC	20			112	80	24	00	00		000	317 1072	SH
SA	0752	E160 BKN 250 OVC	20			109	84	26	05	05		000		SH
SA	0852	E160 BKN 250 OVC	20			112	87	27	24	03		001		SH
SA	0955	E140 OVC	20			119	88	37	20	12 G22		002	307 1071 73	SH
SA	1050	E140 BKN 250 BKN	20			113	90	40	22	16 G24		001		SH
SA	1154	E140 BKN 250 BKN	20			106	91	39	21	18 G27		999		SH
SA	1255	E140 BKN 250 BKN	20			104	91	40	22	18 G27		997	14 ~~740~~ 1171	SH
SA	1354	80 SCT E140 BKN	20			100	94	40	22	16 G23		996		SH
SA	1452	80 SCT 140 SCT	20			091	95	40	21	13 G27		994		SH
SA	1552	80 SCT 140 SCT	20			094	94	42	18	12 G20		994	610 1170 96 RADAT 32142	WRG
SA	1652	80 SCT 140 SCT	20			090	93	40	20	12 G20		993		WRG
SA	1752	140 SCT 250 -SCT	20			087	92	43	17	14		993		WRG
SA	1850	140 SCT 250 -SCT	20			094	89	41	18	10		994	500 1070	WRG
SA	1950	140 SCT 250 -SCT	20			097	85	49	12	09		995		WRG
SA	2050	250 -SCT	20			101	83	50	14	10		996		WRG
SA	2152	250 -SCT	20			101	82	51	13	12		996	107 1001 96	WRG
SA	2250	250 -SCT	20			103	83	48	16	09		997		WRG
SA	2350	CLR	20			107	79	48	32	04		999		WRG

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 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	26.560			13	4	2	Ac	160	2	Ci	250	4								3	4	.000			00-01
01 50	26.550			15	6															3					01-02
02 50	26.540			15	7															3					02-03
03 55	26.540			16	7	2	Ac	160	7	Ci	E250	7								4	6	.020			03-04
04 51	26.545			16	10															8					04-05
05 50	26.560			12	10															10					05-06
06 55	26.590			13	10	8	Ac	E160	2	Ci	250	10								10	3	.050			06-07
07 52	26.590			12	10															10					07-08
08 52	26.600			12	10															10					08-09
09 55	26.610			16	10	10	Ac	E140												10	3	.020			09-10
10 50	26.600			17	9															9					10-11
11 54	26.580			16	8															8					11-12
12 55	26.570			17	7	0	Co	80	6	Ac	E140	6	1	Ci	250	7				6	7	.040			12-13
13 54	26.560			15	6															6					13-14
14 52	26.540			15	5															5					14-15
15 52	26.540			17	4	2	Co	80	2	Ac	140	4								4	6	.070			15-16
16 52	26.530			16	4															4					16-17
17 52	26.525			19	3															1					17-18
18 50	26.540			19	2	1	Ac	140	1	Ci	250	2								1	5	.000			18-19
19 50	26.550			29	2															1					19-20
20 50	26.560			32	2															1					20-21
21 52	26.560			34	1	1	Ci	250												0	1	.020			21-22
22 50	26.570			29	2															1					22-23
23 50	26.580			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 0351		0	0		83	73										
	0351	1	0	0	0	86	73		0								
	0950	2	0	0	0	89	73		0								
	1548	3	0	0	0	96	88		0								
	2148	4	0	0	0	95	81		0								
	MID.		0	0	0	84	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.610	26.540	26.580
BAROGRAPH 64	26.540	26.610	26.550	26.565
BAR. CORR. 65	±0	±0	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNREL 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
96	73	0	0	0	29	SW	1246					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0505 SUNSET 1830

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: 1065OP/2339/

1255/APP 714/1240 8-27

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 21 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			114	74	46	36	05		000	CB DSNT E-SE OCNL LTGIC/	WRG
SA	~~0150~~	~~CLR~~	~~20~~				~~75~~	~~44~~					2 10 1300	/
SA	0150	CLR	20			113	75	44	09	09		000	CB DSNT E OCNL LTGIC	WRG
SA	0250	CLR	20			113	74	41	10	04		000	CB Moud N	WRG
SA	0354	CLR	20			111	76	38	25	05		000	400 1400 73	SH
	/												RADAT 44140	/
SA	0450	CLR	20			116	76	35	08	04		001	FEW SC CI	SH
SA	0554	250-SCT	20			125	73	36	02	08		003		SH
SA	0653	CLR	20			128	83	37	32	03		005	215 1001	SH
SA	0752	CLR	20			134	86	32	25	09		006		SH
SA	0851	CLR	20			134	87	32	23	16	G23	006		SH
SA	0955	CLR	20			134	89	32	22	16		006	CU SE/105 1100 71	SH
SA	1049	80 SCT	20			125	91	34	24	16	G24	004		SH
SA	1152	80 SCT	20			123	93	38	23	15		003		SH
SA	1254	80 SCT 250-SCT	20			123	93	39	20	13	G22	003	612 1101	SH
SA	1355	80 SCT 250-SCT	20			115	95	40	23	16	G24	001		SH
SA	1452	CLR	20			109	95	39	17	09	G22	999	CU NE-SE	SH
SA	1552	CLR	20			108	94	40	19	16	G31	999	612 1100 96 RADAT 41146	WRG
SA	1652	CLR	20			109	93	40	23	12	G20	999	FEW CU E	WRG
SA	1750	CLR	20			106	91	38	23	16		997		WRG
SA	1850	CLR	20			112	87	36	22	10		000	303 1005	WRG
SA	1952	CLR	20			115	84	37	14	08		001		WRG
SA	2050	CLR	20			124	80	36	13	06		003		WRG
SA	2152	CLR	20			129	77	36	04	07		004	214 96	WRG
SA	2252	CLR	20			133	73	36	09	03		005		WRG
SA	2350	CLR	20			137	75	35	13	03		006		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 $1s_n TTT$ $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_h C_L C_M C_H$ 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: AUG 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	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	26.590			36	0	0	CB	80												0	2	.030			00-01
01 50	26.590			33	0															0					01-02
02 50	26.590			30	0															0					02-03
03 54	26.590			25	0	0	SC	80												0	4	.000			03-04
04 50	26.600			23	0															0					04-05
05 54	26.620			26	1															0					05-06
06 53	26.635			20	0	0	CI	250												0	2	.045			06-07
07 52	26.650			14	0															0					07-08
08 51	26.650			14	0															0					08-09
09 55	26.650			13	0	0	CU	80												0	1	.015			09-10
10 49	26.630			13	1															1					10-11
11 52	26.620			15	1															1					11-12
12 54	26.615			15	3	1	CU	80	2	CI	250	3								1	6	.035			12-13
13 55	26.600			15	3															1					13-14
14 52	26.580			14	0															0					14-15
15 52	26.580			16	0	0	CU	80												0	6	.035			15-16
16 52	26.580			17	0															0					16-17
17 50	26.570			16	0															0					17-18
18 50	26.590			16	0	0	CI	250												0	3	.010			18-19
19 52	26.600			19	0															0					19-20
20 50	26.620			21	0															0					20-21
21 52	26.630			23	0															0	2	.040			21-22
22 52	26.640			26	0															0					22-23
23 50	26.650			24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	79	73	X	X						X		
	0350	1	0	0	0	84	73		0								
	0950	2	0	0	0	89	71		0								
	1548	3	0	0	0	96	89		0								
	2148	4	0	0	0	94	77		0								
	MID.	X	0	0	0	77	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.650	26.580	26.630
BAROGRAPH 64	26.600	26.650	26.580	26.635
BAR. CORR. 65	-.010	±0*	±0.0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	71	0	0	0	31	S	1545					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0506 SUNSET 1828

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: 1075S2/2045 /

0150/0150

* BAROGRAM CHANGED – RESET TO ZERO COR. 0958P

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: AUG 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	CLR	20			133	72	33	06	04		005	003 1005	WRG
SA	0150	CLR	20			134	70	33	33	09		005	FEW CI W	WRG
SA	0250	CLR	20			137	71	33	05	04		006	FEW CI W	WRG
SA	0356	CLR	20			139	69	34	02	08		007	305 1001 68	SH
													RADAT 46139	
SA	0455	250 -SCT	20			146	69	33	12	05		008		SH
SA	0553	250 -SCT	20			152	70	34	09	02		011		SH
SA	0655	CLR	20			156	76	35	22	02		012	CI NW SE/ 215 1001	SH
SA	0749	CLR	20			153	83	36	00	00		012	CI SE	SH
SA	0854	CLR	20			154	86	36	24	09		013	CI SE	SH
SA	0956	CLR	20			159	89	36	20	09		013	103 1102 66	SH
SA	1052	CLR	20			153	92	37	22	15		012	CU CI SE	SH
SA	1154	CLR	20			144	93	39	22	15	G25	008	CU CI E-SE	SH
SA	1256	80 SCT 250 SCT	20			136	94	42	21	15	G27	006	720 1102	SH
SA	1350	80 SCT 250 SCT	20			134	94	42	19	18	G30	005		SH
SA	1449	80 SCT 250 SCT	20		M2	133	95	41	21	14	G24	002		SH
SA	1552	80 SCT	20			119	94	38	22	12	G24	001	71A 1100 96 RADAT 28146	WRG
SA	1652	80 SCT	20			116	93	33	23	12	G20	000		WRG
SA	1750	CLR	20			111	91	34	23	14		999	FEW SC SE	WRG
SA	1850	CLR	20			111	88	35	21	13		999	6071400	WRG
SA	1950	CLR	20			122	83	37	11	08		002		WRG
SA	2050	CLR	20			130	84	37	11	10		005		WRG
SA	2152	CLR	20			132	78	39	11	09		005	120 96	WRG
SA	2250	CLR	20			131	78	41	11	10		005	FEW CI SE	WRG
SA	2352	250 -SCT	20			135	78	41	10	06		006		WRG

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

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ 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: AUG 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 50	26.640			31	0	0	AC	140	0	CI	250	0								0	0	.000			00-01
01 50	26.630			35	2															2					01-02
02 50	26.640			37	1															1					02-03
03 56	26.640			41	1	1	AC	140												1	5	.000			03-04
04 57	26.645			46	1															1					04-05
05 50	26.660			45	1															1					05-06
06 57	26.670			42	1	1	AC	90												1	2	.030			06-07
07 56	26.665			39	1															1					07-08
08 57	26.660			34	1															1					08-09
09 57	26.640			30	0	0	CU	80	0	AC	140	0	0	CI	250	0				0	8	.030			09-10
10 55	26.620			27	5															5					10-11
11 56	26.600			22	1															1					11-12
12 58	26.580			18	1	1	CB	80	0	CI	250	1								1	7	.060			12-13
13 54	26.570			16	0															0					13-14
14 54	26.550			13	0															0					14-15
15 54	26.540			13	0	0	CB	80	0	CI	250	0								0	7	.040			15-16
16 51	26.530			11	0															0					16-17
17 50	26.530			11	0															0					17-18
18 51	26.540			10	0	0	CB	80	0	CI	250	0								0	5	.000			18-19
19 52	26.560			10	0															0					19-20
20 50	26.570			11	0															0					20-21
21 52	26.580			12	0	0	CI	250												0	1	.040			21-22
22 55	26.580			48	0															0					22-23
23 50	26.580			53	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	78	71	X	X						X		
	0350	1	0	0	0	80	71		0								
	0950	2	0	0	0	89	70		0								
	1548	3	0	0	0	95	88		0								
	2149	4	0	0	0	94	74		0								
	MID.	X	0	0	0	75	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.640	26.540	26.580
BAROGRAPH 64	26.625	26.650	26.540	26.560
BAR. CORR. 65	+.015	-.010	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	70	0	0	0	30	SW	1306					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0508 SUNSET 1826

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 0900 P/ 2144 1

☆ 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 NEVADA**

DATE **AUG 23 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)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			131	75	43	07	05		005	000 1071	WRG
SA	0150	140 SCT	20			127	75	45	00	00		004		WRG
SA	0250	140 SCT	20			131	75	46	36	03		005		WRG
SA	0356	140 SCT	20			133	71	46	06	04		005	500 1070 71	DC
/													RADAT 84135	/
SA	0457	90 SCT	20			135	70	48	02	06		006		DC
SA	0550	90 SCT	20			141	73	50	11	03		007		DC
SA	0657	90 SCT	20			145	75	50	30	04		008	210 1070	DC
SA	0756	200 SCT	20			145	79	52	32	03		008	CU ACSL NE-SE	DC
SA	0857	140 SCT 250 SCT	20			138	86	54	12	10		007	CU NE-SE	DC
SA	0957	CLR	20			132	89	53	22	08		005	810 1271 70	DC
SA	1055	80 SCT 130 SCT 250 SCT	20			125	89	50	22	16	G24	003	TCU N AND E-SE	DC
SA	1156	80 SCT 130 SCT 250 SCT	20			115	92	47	17	13	G25	001	TCU E	DC
SA	1258	80 SCT 250 SCT	20			109	94	44	22	20	G25	999	CB RWU NE MOVG N	DC
/													/ 720 1303	/
SA	1354	CLR	20			105	94	41	22	17	G25	997	CB NE MOVG N	DC
SA	1454	CLR	20			098	94	36	24	14	G26	995	CB DSNT NE MOVG N	DC
SA	1554	CLR	20			095	93	35	23	14	G20	994	CB DSNT NE MOVG N/714	EP
/												/	1303 95 RADAT 20147	/
SA	1651	CLR	20			092	93	30	23	13		993	CB NE	EP
SA	1750	CLR	20			092	90	28	23	11		993	TCU NE	EP
SA	1851	CLR	20			096	86	23	23	09		994	CB DSNT NE/500 1303	EP
SA	1952	CLR	20			105	82	20	22	06		996		EP
SA	2050	CLR	20			107	77	18	11	06		997		EP
SA	2152	CLR	20			110	74	18	05	02		999	114 1001 95	EP
SA	2255	CLR	20			111	73	52	07	05		999		EP
SA	2350	CLR	20			110	72	54	12	09		999		EP

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

FM12-VII: 1liii $i_R i_x$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$_2$ 8$N_h C_L C_M C_H$ 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: AUG 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 50	26.640			24	0	0	Ci	250												0	0	.010			00-01
01 50	26.640			25	0															0					01-02
02 50	26.650			25	0															0					02-03
03 56	26.655			27	0	0	Ci	250												0	3	.015			03-04
04 55	26.670			27	2															0					04-05
05 53	26.685			27	2															1					05-06
06 55	26.700			23	0	0	Ci	250												0	2	.045			06-07
07 49	26.695			18	0															0					07-08
08 54	26.710			17	0															0					08-09
09 56	26.710			15	0	0	Cu	80	0	Ci	250	0								0	1	.010			09-10
10 52	26.695			15	0															0					10-11
11 54	26.670			15	0															0					11-12
12 56	26.650			17	1	1	Cu	80	0	Ci	250	1								1	7	.060			12-13
13 50	26.640			16	1															1					13-14
14 49	26.610			16	1															1					14-15
15 52	26.600			14	1	1	Cu	80												1	7	.050			15-16
16 52	26.590			12	1															1					16-17
17 50	26.580			14	0															0					17-18
18 50	26.580			16	0	0	Sc	80												0	6	.020			18-19
19 50	26.610			19	0															0					19-20
20 50	26.640			19	0															0					20-21
21 52	26.640			25	0															0	1	.060			21-22
22 50	26.640			27	0															0					22-23
23 52	26.650			27	1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0350	X	0	0	X	75	68	X	X						X		
	0350	1	0	0	0	77	68		0								
	0952	2	0	0	0	90	66		0								
	1548	3	0	0	0	96	89		0								
	2148	4	0	0	0	95	78		0								
	MID.	X	0	0	0	80	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.655	26.710	26.600	26.640
BAROGRAPH 64	26.640	26.700	26.600	26.635
BAR. CORR. 65	+.015	+.010	±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 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
96	66	0	0	0	31	5	1351					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0507 SUNSET 1827

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: 1095A/2354 /

1552/2350 1449/SLP 122/2130P

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: AUG 24 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)	OB. REVIEWED (15)
SA	0053	CLR	20			111	67	45	04	09		999	400	EP
SA	0151	CLR	20			114	64	36	36	04		999		EP
SA	0250	CLR	20			114	63	43	05	05		999		EP
SA	0356	250 SCT	20			115	62	36	02	06		999	400 1002 62	DC
													RADAT 24137	
SA	0457	120 SCT	20			119	62	42	07	05		000	ACSL SE	DC
SA	0555	120 SCT 250 -BKN	20			126	65	43	00	00		002		DC
SA	0652	E120BKN 250 BKN	20			129	74	50	11	03		003	214 1078	DC
SA	0756	120 SCT E250 BKN	20			130	78	51	04	02		004		DC
SA	0855	120 SCT	20			130	81	46	24	03		003		DC
SA	0953	E140 BKN	20			127	83	34	03	05		003	CU NE-SE/ 802 1180	DC
													61	
SA	1052	140 SCT	20			120	88	29	22	15	G24	001	CU E-SE	DC
SA	1153	140 SCT 250 SCT	20			111	89	26	22	18	G27	999	CB DSNT SE	DC
SA	1255	140 SCT	20			109	91	27	24	16	G24	997	CB DSNT SE/717 1980	DC
SA	1354	CLR	20			104	90	27	24	18	G25	995	CU NE-SE FEW AC	DC
SA	1455	CLR	20			095	92	27	23	14	G21	993	FEW CU AC	DC
SA	1554	CLR	20			092	91	26	20	17	G22	992	615 1230 92 RADAT 21137	EP
SA	1650	CLR	20			090	90	24	23	14		991		EP
SA	1750	CLR	20			086	87	22	23	12		990		EP
SA	1852	CLR	20			091	83	19	24	08		992	500 1030	EP
SA	1952	CLR	20			100	77	13	01	03		994		EP
SA	2053	CLR	20			107	74	11	36	07		996		EP
SA	2152	CLR	20			109	69	9	04	10		996	114 92	EP
SA	2256	CLR	20			109	71	11	12	04		997		EP
SA	2351	CLR	20			112	65	10	05	04		997		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: NWABO, DESERT ROCK NEVADA

DATE: AUG 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	HR.
00 53	26.580			45	0															0	4	.000			00-01
01 51	26.580			35	0															0					01-02
02 50	26.580			48	0															0					02-03
03 56	26.580			38	1	1	CI	250												1	4	.000			03-04
04 57	26.590			48	1															1					04-05
05 55	26.610			45	7															3					05-06
06 52	26.620			43	8	7	AC	E120	1	CS	250	8								7	2	.040			06-07
07 56	26.625			39	6															5					07-08
08 55	26.620			29	5															5					08-09
09 53	26.615			17	7	0	Cu	90	7	AC	E140	7								7	8	.005			09-10
10 52	26.600			12	3															3					10-11
11 53	26.580			10	3															3					11-12
12 55	26.565			10	2	0	CB	90	2	AC	140	2								2	7	.050			12-13
13 54	26.550			10	0															0					13-14
14 55	26.530			10	0															0					14-15
15 54	26.520			10	0	0	Cu	90	0	AC	110	0								0	6	.045			15-16
16 50	26.510			9	0															0					16-17
17 50	26.500			9	0															0					17-18
18 52	26.520			9	0	0	AC	110												0	5	.000			18-19
19 52	26.540			9	0															0					19-20
20 53	26.560			9	0															0					20-21
21 52	26.560			10	0															0	1	.040			21-22
22 56	26.570			10	0															0					22-23
23 51	26.570			11	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	72	62	X	X						X		
	0350	1	0	0	0	75	62		0								
	0948	2	0	0	0	83	61		0								
	1549	3	0	0	0	92	82		0								
	2149	4	0	0	0	91	69		0								
	MID.	X	0	0	0	72	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.615	26.520	26.560
BAROGRAPH 64	26.565	26.610	26.515	26.540
BAR. CORR. 65	+.015	+.005	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	61	0	0	0	28	SW	1218					3	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0509 SUNSET 1824

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

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. (IN FASTEST MILE) M.P.H. (ABBREVIATION) DIRN

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1030P / 2135P

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: AUG 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 (Knots) (10)	WIND GUSTS (Knots) (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	INITIALS (15)
SA	0053	CLR	20			111	64	10	00	00		997	103	EP
SA	0156	CLR	20			112	63	9	06	03		997		EP
SA	0251	CLR	20			116	60	5	33	06		999		EP
SA	0353	CLR	20			120	60	6	11	03		000	307 59 RADAT 22133	DC
SA	0456	CLR	20			130	62	7	00	00		003		DC
SA	0552	CLR	20			140	60	9	08	03		005		DC
SA	0657	CLR	20			141	70	10	13	04		006	120	DC
SA	0755	CLR	20			141	78	16	00	00		006		DC
SA	0855	CLR	20			141	82	20	00	00		006		DC
SA	0950	CLR	20			141	87	24	22	04		006	CU OMTNS SE / 400	DC
													1200 57	
SA	1055	CLR	20			136	88	26	20	10		005	CU OMTNS SE	DC
SA	1155	CLR	20			132	89	33	25	15	G20	004	CB RWU OMTNS SE	DC
													CB DSNT E	
SA	1257	CLR	20			125	91	30	25	15	G20	002	CB RWU OMTNS SE /	DC
													714 1900	
SA	1356	CLR	20			119	91	30	26	10		000	CB DSNT SE	DC
SA	1452	CLR	20			115	92	32	26	16	G20	999	CB DSNT E-SE	DC
SA	1554	CLR	20			112	91	30	24	10		997	814 1203 93 RADAT 22137	EP
SA	1651	CLR	20			105	90	27	24	07		995		EP
SA	1750	CLR	20			104	88	26	24	10		994		EP
SA	1851	CLR	20			104	83	25	31	05		995	507 1100	EP
SA	1956	CLR	20			111	76	23	02	07		997		EP
SA	2052	CLR	20			115	74	24	18	04		999		EP
SA	2151	CLR	20			118	71	24	05	04		000	114 93	EP
SA	2250	CLR	20			122	69	27	36	04		001		EP
SA	2355	CLR	20			125	69	28	10	04		002		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: AUG 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	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	26.570			12	0															0	1	.010			00-01
01 56	26.570			12	0															0					01-02
02 51	26.580			11	0															0					02-03
03 53	26.590			11	0															0	3	.020			03-04
04 56	26.615			11	0															0					04-05
05 52	26.635			13	0															0					05-06
06 57	26.650			10	0															0	1	.060			06-07
07 55	26.650			10	0															0					07-08
08 55	26.650			10	0															0					08-09
09 50	26.650			10	0	0	Cu	90												0	4	.000			09-10
10 55	26.640			11	0															0					10-11
11 55	26.625			14	0															0					11-12
12 57	26.610			11	0	0	Cb	90												0	7	.040			12-13
13 56	26.590			11	0															0					13-14
14 52	26.575			12	0															0					14-15
15 54	26.570			11	0	0	Cu	90	0	Ci	250	0								0	8	.040			15-16
16 51	26.550			10	0															0					16-17
17 50	26.540			11	0															0					17-18
18 51	26.550			12	0	0	Cu	90												0	5	.020			18-19
19 56	26.570			14	0															0					19-20
20 52	26.580			15	0															0					20-21
21 51	26.590			17	0															0	1	.040			21-22
22 50	26.600			21	0															0					22-23
23 55	26.610			22	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	67	59	X	X						X		
	0348	1	0	0	0	77	59		0								
	0946	2	0	0	0	87	57		0								
	1549	3	0	0	0	93	86		0								
	2148	4	0	0	0	92	71		0								
	MID.	X	0	0	0	73	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0946	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.650	26.570	26.590
BAROGRAPH 64	26.580	26.640	26.560	26.570
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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	57	0	0	0	25	W	1222					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0509 SUNSET 1823

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: 1034P/2201P

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WBBO, DESERT ROCK NEVADA

DATE: AUG 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			127	70	30	08	06		003	210	EP
SA	0151	CLR	20			130	64	27	09	06		003		EP
SA	0250	CLR	20			137	66	28	35	05		005		EP
SA	0851	CLR	20			138	68	27	01	03		006	308 63 RADAT 25137	JS
SA	0450	CLR	20			144	66	26	13	05		007	Sc E-SE	JS
SA	0553	CLR	20			155	67	31	10	08		01/20	Sc SE-S	JS
SA	0653	CLR	20			164	73	28	13	03		013	Sc SE / 322 1500	JS
SA	0751	CLR	20			164	80	36	05	09		013		JS
SA	0851	CLR	20			164	83	34	00	00		013		JS
SA	0953	250 -SCT	20			164	87	34	18	06		013	400 1101 63	JS
SA	1052	250-SCT	20			158	88	33	17	07		012	Cu SE	JS
SA	1150	250 SCT	20			150	90	31	31	07		009	TCu SE CuN	JS
SA	1250	250 SCT	20			142	91	30	19	05		007	Cu N SE / 717 1101	JS
SA	1353	80 SCT 250 SCT.	20			135	92	31	26	06		005		JS
SA	1453	80 SCT 250-SCT	20			125	93	31	24	07		002		JS
SA	1554	250-SCT	20			120	93	30	24	11		001	620 1101 94 RADAT 4/138	EP
SA	1650	250 SCT	20			122	91	28	22	09		001		EP
SA	1750	250-SCT	20			122	89	27	24	09		001		EP
SA	1850	250-SCT	20			125	85	26	00	00		002	303 1401	EP
SA	1956	CLR	20			133	78	25	10	07		004		EP
SA	2055	CLR	20			136	76	24	08	04		005		EP
SA	2151	CLR	20			136	73	24	04	06		005	110 94	EP
SA	2251	CLR	20			140	72	25	11	04		006		EP
SA	2353	CLR	20			138	71	25	03	05		006		EP

A synoptic observation using WMO code FM12-xii, 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 (1-62) 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: AUG 26 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	26.620			23	0															0	2	.030			00-01
01 51	26.620			25	0															0					01-02
02 50	26.640			24	0															0					02-03
03 51	26.645			22	0															0	3	.025			03-04
04 50	26.655			22	0															0					04-05
05 53	26.685			25	0															0					05-06
06 53	26.710			20	0	0	Sc	80												0	3	.065			06-07
07 51	26.710			20	0															0					07-08
08 51	26.710			17	0															0					08-09
09 53	26.710			15	1	0	Cu	80	1	Ci	250	1								0	4	.000			09-10
10 52	26.695			14	1															0					10-11
11 50	26.675			12	1															1					11-12
12 50	26.660			12	1	0	Cu	80	1	Ci	250	1								1	7	.050			12-13
13 53	26.635			11	2															2					13-14
14 53	26.610			11	2															1					14-15
15 54	26.600			11	2	0	Cu	80	2	Ci	250	2								1	6	.060			15-16
16 50	26.600			10	1															1					16-17
17 50	26.600			11	1															0					17-18
18 50	26.610			12	2	0	Sc	80	2	Ci	250	2								1	3	.010			18-19
19 56	26.630			14	0															0					19-20
20 55	26.640			14	0															0					20-21
21 51	26.640			16	0															0	1	.030			21-22
22 51	26.650			17	0															0					22-23
23 53	26.650			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		72	63										
	0348	1	0	0	0	73	63		0								
	0950	2	0	0	0	88	66		0								
	1550	3	0	0	0	94	87		0								
	2148	4	0	0	0	93	73		0								
	MID.		0	0	0	75	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0953	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.645	26.710	26.600	26.640
BAROGRAPH 64	26.620	26.715	26.595	26.620
BAR. CORR. 65	+.025	-.005	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	63	0	0	0	21	SW	1327					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0510 SUNSET 1822

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: 10:00 AM/PM

0553/0715

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 AUG 27 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)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			141	72	25	11	05		007	307	EP
SA	0151	CLR	20			140	73	29	05	08		007		EP
SA	0250	CLR	20			141	71	32	02	09		007		EP
SA	0354	CLR	20			146	71	33	12	05		009	305 70 RADAT 40136	JS
SA	0453	CLR	20			157	69	41	17	07		012		JS
SA	0552	CLR	20			166	67	37	07	05		014		JS
SA	0652	CLR	20			170	74	38	34	05		015	219	JS
SA	0750	CLR	20			174	78	40	36	03		016		JS
SA	0850	CLR	20			170	84	44	14	07		015		JS
SA	0950	CLR	20			169	88	43	21	05		015	Cu OMTNS SE/000	JS
/													1100 64	
SA	1050	CLR	20			164	89	42	36	03		014	CB OMTNS SE CS NW	JS
SA	1150	CLR	20			156	92	38	18	06		012	CB OMTNS SE CB NNW	JS
SA	1257	CLR	20			148	93	36	22	10	G20	009	CB DSNT N E OMTNS	JS
/													SE/ 717 1900	
SA	1351	80 SCT	20			136	94	35	17	07		006	CB DSNT NE-SE	JS
SA	1451	80 SCT	20			129	95	32	21	10		004	CB VIRGA E-SE	JS
SA	1550	70 SCT 80 SCT	20			130	94	31	27	08		004	CB SE/617 1900 96	AD
/	/												RADAT 48138	/
SA	1650	80 SCT	20			130	93	30	05	05		004		AD
SA	1750	80 SCT	20			126	91	30	30	05		002		AD
SA	1850	80 SCT	20			128	86	29	00	00		003	503 1500	AD
SA	1950	80 SCT	20			135	82	28	00	00		005		AD
SA	2050	80 SCT	20			138	77	27	02	04		006		AD
SA	2150	80 SCT	20			137	80	30	34	05		006	110 1500 96	AD
SA	2250	CLR	20			134	82	34	21	13		006		AD
SA	2350	CLR	20			136	83	36	19	10		007		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 $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 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 (BLATE 4a) WHICH MAY BE USED

U.S. GPO 1984 O-464-006/6006

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 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	26.660			17	0															0	3	.020			00-01
01 51	26.660			20	0															0					01-02
02 50	26.660			24	0															0					02-03
03 54	26.675			25	0															0	3	.015			03-04
04 53	26.695			36	0															0					04-05
05 52	26.715			34	0															0					05-06
06 52	26.730			27	0															0	2	.055			06-07
07 50	26.735			25	0															0					07-08
08 50	26.730			25	0															0					08-09
09 50	26.730			21	0	0	Cu	80												0	0	.000			09-10
10 50	26.715			20	0															0					10-11
11 50	26.700			15	0															0					11-12
12 51	26.680			14	0	0	CB	80												0	7	.050			12-13
13 51	26.650			12	1															1					13-14
14 51	26.630			11	1															1					14-15
15 50	26.630			11	4	1	CB	70	3	Sc	80	4								4	6	.050			15-16
16 50	26.630			11	3															3					16-17
17 50	26.610			11	3															3					17-18
18 50	26.620			13	2	2	Sc	80												2	5	.010			18-19
19 50	26.640			14	2															2					19-20
20 50	26.650			16	1															1					20-21
21 50	26.650			16	1	1	Sc	80												1	1	.030			21-22
22 50	26.650			18	0															0					22-23
23 50	26.660			19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	73	70	X	X						X		
	0350	1	0	0	0	75	70		0								
	0948	2	0	0	0	88	64		0								
	1550	3	0	0	0	96	86		0								
	2150	4	0	0	0	95	76		0								
	MID.	X	0	0	0	84	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0850	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.675	26.730	26.630	26.650
BAROGRAPH 64	26.660	26.710	26.620	26.630
BAR. CORR. 65	+.015	+.020	+.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	4A4 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
96	64	0	0	0	23	S	1207					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0511 SUNSET 1820

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: 1084GP / 1700P /

1251/1251

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: AUG 28, 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	0050	CLR	20			141	74	35	05	07		007	103	AD
SA	0150	CLR	20			143	75	36	05	06		008		AD
SA	0250	CLR	20			143	74	36	08	07		008		AD
SA	0354	CLR	20			149	70	36	08	06		009	207 70 RADAT 49138	JS
SA	0461	150 SCT	20			155	67	36	13	03		011		JS
SA	0558	150 SCT	20			165	67	37	00	00		014		JS
SA	0661	80 SCT	20			165	75	38	00	00		014	114 1500	JS
SA	0750	80 SCT	20			163	83	37	30	05		014		JS
SA	0850	80 SCT	20			163	88	37	28	04		014		JS
SA	0954	80 SCT	20			158	90	38	24	06		014	802 1100 66	JS
SA	1054	80 SCT	20			151	93	37	24	10		012	RWU OMTNS SE	JS
SA	1150	80 SCT	20			145	91	37	02	05		010	RWU OMTNS SE	JS
SA	1252	E 80 BKN	20			142	91	36	17	12		008	717 1100	JS
SA	1352	E 80 BKN	20			137	93	36	17	12	G22	007		JS
SA	1451	E80 BKN	20			130	93	35	16	10		005	VIRGA NW	JS
SA	1550	E 80 BKN	20			126	94	35	12	08		003	715 1100 95 RADAT 45141	AD
SA	1650	E80 BKN	20			127	93	34	12	08		003		AD
SA	1750	E80 BKN	20			130	91	35	16	04		003		AD
SA	1850	E 80 SCT	20			126	86	37	06	04		003	400 1500	AD
SA	1950	80 SCT	20			133	83	36	05	04		005		AD
SA	2050	80 SCT	20			141	78	36	08	04		007		AD
SA	2150	CLR	20			140	77	35	04	04		007	114 95	AD
SA	2250	CLR	20			140	74	35	00	00		007		AD
SA	2350	CLR	20			142	73	36	08	05		007		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 1-10 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: AUG. 28, 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	26.660			24	0														0	1	.010			00-01
01	50	26.670			24	0														0					01-02
02	50	26.670			25	0														0					02-03
03	54	26.680			28	0														0	2	.020			03-04
04	51	26.690			32	1														1					04-05
05	50	26.715			33	1														1					05-06
06	51	26.720			26	2	2	SC	80											2	1	.040			06-07
07	50	26.720			19	1														1					07-08
08	50	26.720			17	1														1					08-09
09	54	26.715			16	1	6	CU	80											1	8	.005			09-10
10	54	26.700			14	2														2					10-11
11	50	26.685			15	2														2					11-12
12	52	26.665			14	6	6	CU	E80											6	7	.050			12-13
13	52	26.655			14	7														7					13-14
14	51	26.635			13	7														7					14-15
15	50	26.620			13	7	7	CU	E80											7	7	.045			15-16
16	50	26.620			13	7														7					16-17
17	50	26.620			14	7														7					17-18
18	50	26.620			18	4	4	SC	80											4	4	.000			18-19
19	50	26.640			19	3														3					19-20
20	50	26.660			22	3														3					20-21
21	50	26.660			22	0														0	1	.040			21-22
22	50	26.660			24	0														0					22-23
23	50	26.660			26	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	83	70	X	X						X		
	0350	1	0	0	0	84	70		0								
	0950	2	0	0	0	92	66		0								
	1550	3	0	0	0	95	90		0								
	2150	4	0	0	0	94	77		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.715	26.620	26660
BAROGRAPH 64	26.660	26.705	26.620	26.650
BAR. CORR. 65	+.020	+.010	Ø	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	66	0	0	0	22	S	1345					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0512 SUNSET 1819

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: 1054P / 1702P /

1850 / 1850

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WELLS, DESERT ROCK NEVADA

DATE: AUG. 29, 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	CLR	20			150	70	35	06	05		009	307	AD
SA	0150	CLR	20			150	69	35	10	06		009		AD
SA	0250	CLR	20			149	70	35	10	04		009		AD
SA	0350	CLR	20			154	69	36	35	05		012	305 67 RADAT 57137	JS
SA	0451	CLR	20			164	65	35	00	00		013		JS
SA	0550	CLR	20			166	68	35	00	00		014	SC SE-SW	JS
SA	0653	CLR	20			171	75	36	34	03		016	214 1080	JS
SA	0758	CLR	20			170	83	37	35	03		016	CU SE	JS
SA	0852	CLR	20			168	88	37	31	03		016	CU SE-SW TCU NNW	JS
SA	0950	CLR	20			166	93	38	25	06		016	TCU NW-NE VIRGA OMTNS	JS
													SE-S / 000 1200 64	
SA	1055	80 SCT	20			162	94	37	21	10		014	VIRGA OMTNS	JS
SA	1151	80 SCT	20			159	93	39	21	13G20		013	CB DSNT E	JS
SA	1250	80 SCT	20			152	96	38	26	10		011	715 1100	JS
SA	1353	80 SCT	20			142	96	37	23	10		008		JS
SA	1450	80 SCT	20			132	98	37	22	08		005		JS
SA	1550	80 SCT	20			130	97	37	12	10		004	620 1100 98 RADAT 65141	AD
SA	1650	80 SCT	20			132	94	38	23	18		004		AD
SA	1750	80 SCT	20			131	91	37	24	10		004		AD
SA	1850	80 SCT	20			139	87	37	26	05		006	307 1500	AD
SA	1950	80 SCT	20			145	82	37	00	00		008		AD
SA	2050	~~80 SCT~~ CLR	20			152	78	37	08	05		011		AD
SA	2150	~~8~~ CLR	20			151	75	36	05	04		011	114 98	AD
SA	2250	CLR	20			150	75	35	05	03		011		AD
SA	2350	CLR	20			156	73	35	00	00		012		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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: AUG. 29, 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	26.680			27	0															0	3	.020			00-01
01 50	26.680			28	0															0					01-02
02 50	26.680			27	0															0					02-03
03 50	26.685			30	0															0	3	.015			03-04
04 51	26.710			32	0															0					04-05
05 50	26.720			30	0															0					05-06
06 53	26.735			25	0	0	AC	150												0	2	.040			06-07
07 58	26.740			19	0															0					07-08
08 52	26.735			16	0															0					08-09
09 50	26.735			15	0	0	TCU	80												0	0	.000			09-10
10 55	26.720			14	1															1					10-11
11 51	26.710			16	2															2					11-12
12 50	26.690			14	2	2	CU	80												2	7	.045			12-13
13 53	26.665			13	1															1					13-14
14 50	26.640			12	1															1					14-15
15 50	26.630			13	3	3	CU	80												3	6	.060			15-16
16 50	26.630			14	3															3					16-17
17 50	26.630			15	2															2					17-18
18 50	26.650			17	1	1	SC	80												1	3	.020			18-19
19 50	26.670			20	1															1					19-20
20 50	26.690			23	0															0					20-21
21 50	26.690			24	0															0	1	.040			21-22
22 50	26.690			23	0															0					22-23
23 50	26.700			25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	73	67	X	X						X		
	0348	1	0	0	0	77	67		0								
	0948	2	0	0	0	93	64		0								
	1550	3	0	0	0	98	92		0								
	2150	4	0	0	0	97	75		0								
	MID.	X	0	0	0	77	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.695	26.735	26.630	26.690
BAROGRAPH 64	26.675	26.720	26.620	26.680
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 UNMLTD (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
98	64	0	0	0	26	SW	1135					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0513 SUNSET 1931

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: 1034SP1 1

*CHANGED MICROBAROGRAPH 1555 BT

2050/2050

2150/2150

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

☆ U.S. Government Printing Office: 1986—454-383

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: AUG 30 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	0050	CLR	20			155	71	35	00	00		012	103	AD
SA	0150	CLR	20			155	70	36	10	05		012		AD
SA	0250	CLR	20			159	69	36	12	06		013		AD
SA	0350	CLR	20			163	71	36	12	04		014	307 69 RADAT 56141	CH
SA	0450	CLR	20			170	65	36	12	04		015		CH
SA	0550	CLR	20			178	68	36	12	06		017		CH
SA	0650	CLR	20			182	73	37	20	04		018	214	CH
SA	0750	80 SCT	20			181	80	38	33	04		018		CH
SA	0850	80 SCT	20			178	89	38	28	04		018		CH
SA	0950	80 SCT	20			173	94	39	01	04		017	803 1100 65	CH
SA	1050	80 SCT	20			168	96	38	00	00		016		CH
SA	1150	80 SCT	20			167	93	37	24	12		015		CH
SA	1250	80 SCT	20			159	97	37	23	14		013	814 1100	CH
SA	1350	80 SCT	20			151	97	36	26	10		011		CH
SA	1450	80 SCT 250 SCT	20			150	97	37	27	06		009		CH
SA	1551	80 SCT 250 SCT	20			140	96	37	24	11		007	VIRGA SW 917 1102 99	/
/													RADAT 51145	HS
SA	1650	80 SCT 250 SCT	20			136	95	37	24	04		005		HS
SA	1750	80 SCT 250 SCT	20			135	93	36	24	09		005		HS
SA	1850	250 SCT	20			142	88	37	25	04		007	500 1002	HS
SA	1950	CLR	20			149	83	37	02	04		009		HS
SA	2050	CLR	20			150	79	36	05	07		011		HS
SA	2154	CLR	20			150	76	36	08	05		011	110 99	HS
SA	2250	CLR	20			152	77	37	12	05		012		HS
SA	2350	CLR	20			159	73	36	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: 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: AUG 30, 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	26.700			27	0															0	1	.010			00-01
01 50	26.700			29	0															0					01-02
02 50	26.710			30	0															0					02-03
03 50	26.720			28	0															0	3	.020			03-04
04 50	26.730			34	0															0					04-05
05 50	26.750			31	0															0					05-06
06 50	26.760			27	0															0	2	.040			06-07
07 50	26.760			22	2															2					07-08
08 50	26.760			17	2															2					08-09
09 50	26.750			15	2	2	CU	80												2	8	.010			09-10
10 50	26.740			13	3															3					10-11
11 50	26.730			14	3															3					11-12
12 50	26.710			13	4	4	CU	80												4	8	.040			12-13
13 50	26.690			12	4															4					13-14
14 50	26.680			13	4															4					14-15
15 51	26.660			13	5	3	CU	80	2	CI	250	5								4	7	.050			15-16
16 56	26.640			13	3															3					16-17
17 50	26.640			14	2															2					17-18
18 50	26.660			17	1	1	CI	250												1	5	.000			18-19
19 50	26.680			19	0															0					19-20
20 50	26.685			22	0															0					20-21
21 54	26.690			23	0															0	1	.030			21-22
22 50	26.700			24	0															0					22-23
23 50	26.710			26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	73	69	X	X						X		
	0348	1	0	0	0	77	69		0								
	0748	2	0	0	0	94	65		0								
	1549	3	0	0	0	99	93		0								
	2152	4	0	0	0	97	76		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.160	26.120	26.660	[illegible]
BAROGRAPH 64	26.700	26.740	26.660	26.680
BAR. CORR. 65	+.020	+.010	±0	+.010

SUMMA. 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	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
99	65	0	0	0	19	SW	1519					3	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 5:13 SUNSET 1816

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: 1070 0P/ 1855 /

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: AUG 31, 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)	GMT (14)
SA	0050	CLR	20			159	70	35	00	00		013	107	HS
SA	0150	CLR	20			161	72	36	02	08		014		HS
SA	0250	CLR	20			164	69	35	35	03		014		HS
SA	0350	CLR	20			164	69	35	09	05		014	103 67 RAOAT 43144	CH
SA	0450	CLR	20			173	67	35	10	05		016		CH
SA	0550	80 SCT	20			179	65	35	00	00		017		CH
SA	0650	80 SCT	20			180	75	36	00	00		018	214 1100	CH
SA	0750	80 SCT	20			181	86	35	03	10		019		CH
SA	0850	80 SCT	20			185	89	35	25	08		020		CH
SA	0950	80 SCT	20			185	91	37	23	12		020	107 1100 65	CH
SA	1050	80 SCT	20			176	94	37	24	09		018		CH
SA	1150	80 SCT	20			170	96	37	27	07		016		CH
SA	1250	80 SCT 250 SCT	20			166	98	37	25	12		015	717 1101	CH
SA	1350	80 SCT 250 SCT	20			153	99	37	19	07		012		CH
SA	1450	80 SCT 250 SCT	20			144	99	37	22	07		008		CH
SA	1550	80 SCT 250 SCT	20			133	96	35	23	07		005	730 1102 00 RADAT 50147	HS
SA	1650	80 SCT 250 SCT	20			129	97	36	24	07		004		HS
SA	1750	250 - SCT	20			132	94	35	23	07		004	CU ALQDS	HS
SA	1850	250 - SCT	20			137	88	34	01	05		006	FEW CU ~~3~~ 03 1101	HS
SA	1950	250 - SCT	20			147	81	33	00	00		009		HS
SA	2051	250 - SCT	20			155	79	33	01	04		012		HS
SA	2150	250 - BKN	20			155	81	36	02	06		013	119 1001 00	HS
SA	2251	250 - SCT	20			160	78	36	02	08		014		HS
SA	2350	250 - SCT	20			165	74	36	02	07		015		HS

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 31, 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	26.710			28	0															0	1	.020			00-01
01 50	26.720			27	0															0					01-02
02 50	26.720			29	0															0					02-03
03 50	26.720			29	0															0	1	.010			03-04
04 50	26.740			31	0															0					04-05
05 50	26.750			33	1															1					05-06
06 50	26.760			24	1	1	Cu	80												1	2	.040			06-07
07 50	26.770			16	1															1					07-08
08 50	26.780			15	1															1					08-09
09 50	26.780			15	1	1	Cu	80												1	1	.020			09-10
10 50	26.760			14	1															1					10-11
11 50	26.740			13	1															1					11-12
12 50	26.730			12	2	1	Cu	80	1	Ci	250	2								2	7	.050			12-13
13 50	26.700			12	2															2					13-14
14 50	26.670			12	2															2					14-15
15 50	26.640			12	3	1	Cu	80	2	Ci	250	3								2	7	.090			15-16
16 50	26.630			12	3															2					16-17
17 50	26.630			12	2															1					17-18
18 50	26.650			14	1	0	Cu	80	1	Ci	250	1								0	3	.010			18-19
19 50	26.680			17	2															1					19-20
20 51	26.700			17	2															1					20-21
21 50	26.705			20	7	7	Ci	250												3	1	.055			21-22
22 51	26.720			23	5															2					22-23
23 50	26.730			25	2															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		74	67										
	0348	1	0	0	0	77	67		0								
	0948	2	0	0	0	91	65		0								
	1548	3	0	0	0	100	91		0								
	2148	4	0	0	0	99	78		0								
	MID.		0	0	0	81	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.780	26.640	26.705
BAROGRAPH 64	26.710	26.760	26.655	26.700
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 UNML'TD (Ins.) 69	4/24 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	65	0	0	0	*21	SW	1042					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0514 SUNSET 1815

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: 1070OP/1955 /

*WIND GUST RECORDER INOPERATIVE FROM 1454
1850/0325

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