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: December

YEAR: 1986

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED Knots	PEAK SPEED Knots	DIRECTION	SUNSHINE Ave. Sta. Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 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	62	35	49		16	0		0	0	6.5	16	NE	26.78		0		30	19	17	44
2	62	32	48		17	0		0	0	4.1	10	SE	26.66		8		43	23	18	56
3	66	30	48		17	0		0	0	2.5	10	S	26.69		0		53	18	19	39
4	55	36	46		19	0		0	0	6.5	17	SE	26.70		10		47	22	26	41
5	57	35	46		19	0	T	0	0	4.3	13	SE	26.59		10	RW-	57	27	27	58
6	50	44	47		18	0	0.05	0	0	7.2	15	E	26.53		10	R-, RW-	66	93	85	93
7	51	40	46		19	0	0.10	0	0	8.6	22	NE	26.59		9	RW-	81	50	45	46
8	56	32	44		21	0		0	0	3.5	10	NE	26.69		0		62	37	31	73
9	51	31	41		24	0		0	0	8.6	21	NE	26.75		0		52	40	21	46
10	49	27	38		27	0		0	0	8.1	20	NE	26.79		0		38	24	13	43
11	55	25	40		25	0		0	0	4.2	16	NE	26.76		1		51	23	20	54
12	55	25	40		25	0		0	0	3.6	10	SE	26.77		4		58	27	23	47
13	53	27	40		25	0		0	0	4.7	10	SE	26.72		9		56	30	27	56
14	54	27	41		24	0		0	0	4.4	13	E	26.69		8		69	34	29	61
15	47	29	38		27	0	T	0	0	6.4	16	SE	26.71		10	RW-	69	45	73	92
16	52	32	42		23	0		0	0	6.1	14	NE	26.70		10		92	63	46	69
17	59	33	46		19	0		0	0	6.8	19	NE	26.67		0		49	36	33	62
18	56	32	44		21	0		0	0	6.0	13	SE	26.67		7		82	50	43	59
19	55	40	48		17	0		0	0	4.8	16	E	26.61		10		65	66	60	92
20	50	41	46		19	0		0	0	7.0	14	NE	26.64		9		93	96	74	77
21	56	37	47		18	0		0	0	8.1	19	NE	26.83		1		76	48	34	70
22	53	31	42		23	0		0	0	5.3	12	SE	26.78		8		72	42	39	73
23	54	37	46		19	0		0	0	6.2	12	NE	26.68		7		70	39	36	53
24	54	33	44		21	0		0	0	6.8	16	NE	26.67		5		46	39	31	74
25	53	34	44		21	0	0.03	0	0	8.7	20	NE	26.73		8		46	38	27	55
26	55	31	43		22	0	0.26	0	0	4.5	11	NE	26.74		2		59	37	30	60
27	56	30	43		22	0		0	0	2.9	6	E	26.68		0		64	45	33	63
28	56	32	44		21	0		0	0	8.3	18	NE	26.80		0		50	43	32	64
29	56	32	44		21	0		0	0	6.5	18	SE	26.90		10		42	23	20	46
30	59	28	44		21	0		0	0	3.0	12	NE	26.81		5		60	24	24	50
31	56	30	43		22	0		0	0	5.7	14	SE	26.68		9		49	25	24	42
SUM	1704	1008	—	—	653	0	0.44	0	—	177.9	—	—	828.01	—	170	—	1847	1226	1060	1848
AVG	55.0	32.5	—	—	—	—	—	—	—	5.7	FASTEST	DIRECTION	26.71	%	5.5	—	60	40	34	60
										MISC. →	22	NE								

TEMPERATURE DATA

AVERAGE MONTHLY 43.7

DEPARTURE FROM NORMAL -1.3

HIGHEST 66 ON 3

LOWEST 25 ON 11, 12

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 19

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 653

DEPARTURE FROM NORMAL 43

SEASONAL TOTAL 1227

DEPARTURE FROM NORMAL 59

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 2125

DEPARTURE FROM NORMAL -28

PRECIPITATION DATA

TOTAL FOR THE MONTH ~~0.15~~ 0.44 IN.

DEPARTURE FROM NORMAL -0.14 IN.

GREATEST IN 24 HRS. 0.10 ON 7

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) 11

PARTLY CLOUDY (Scale 4–7) 5

CLOUDY (Scale 8–10) 15

WITH 0.01 INCH OR MORE PRECIP. 2

WITH 0.10 INCH OR MORE PRECIP. 1

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 = thunder-storm

MAXIMUM PRECIPITATION

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

HIGHEST Sta. 26.945 IN. ON 29

LOWEST Sta. 26.495 IN. ON 6

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 1 1986

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	0054	CLR	20			249	43	14	04	11		028	802	EP
SA	0156	CLR	20			248	43	13	04	13		028		EP
SA	0250	CLR	20			245	41	14	05	08		027		EP
SA	0352	CLR	20			242	42	13	09	06		026	807 37 RADAT 20120	WRG
SA	0452	CLR	20			246	41	12	04	08		026		WRG
SA	0552	CLR	20			249	41	13	04	12		026		WRG
SA	0652	CLR	20			251	40	13	34	03		026	400	WRG
SA	0752	CLR	20			251	45	12	06	09		027		WRG
SA	0852	CLR	20			250	48	13	08	10		027		WRG
SA	0952	CLR	20			247	52	11	01	10		027	103 37	WRG
SA	1052	CLR	20			236	56	13	04	10		024		WRG
SA	1152	CLR	20			218	59	13	12	08		020		WRG
SA	1252	CLR	20			206	61	11	17	07		016	734	WRG
SA	1352	CLR	20			200	60	9	17	05		015	FEW CI SW	WRG
SA	1450	CLR	20			201	59	12	24	08		015	FEW CI SW	WRG
SA	1554	CLR	20			203	57	13	24	04		015	603 1001 62 RADAT 20122	EP
SA	1652	CLR	20			205	54	14	00	00		015		EP
SA	1750	CLR	20			214	44	22	09	04		015	1	EP
SA	1851	CLR	20			215	41	16	04	06		015	602	EP
SA	1951	CLR	20			213	42	17	02	05		016		EP
SA	2053	CLR	20			215	39	18	07	04		016		EP
SA	2153	CLR	20			216	38	18	05	05		017	205 62	EP
SA	2251	CLR	20			213	38	18	35	05		017		EP
SA	2352	CLR	20			209	37	18	34	04		016		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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 1 1986

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

CLOUDS AND OBSCURING PHENOMENA

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	26.850			30	0															0	8	.005			00-01
01 56	26.850			29	0															0					01-02
02 50	26.840			33	0															0					02-03
03 52	26.850			30	0															0	8	.020			03-04
04 52	26.830			31	0															0					04-05
05 52	26.830			31	0															0					05-06
06 52	26.830			32	0															0	4	.000			06-07
07 52	26.840			26	0															0					07-08
08 52	26.840			24	0															0					08-09
09 52	26.840			19	0															0	1	.010			09-10
10 52	26.810			17	0															0					10-11
11 52	26.770			16	0															0					11-12
12 52	26.740			14	0															0	7	.100			12-13
13 52	26.730			13	0															0					13-14
14 50	26.730			16	0															0					14-15
15 54	26.730			17	0	0	CI	250												0	6	.010			15-16
16 52	26.730			20	0															0					16-17
17 50	26.735			41	0															0					17-18
18 51	26.735			36	0															0	1	.005			18-19
19 51	26.740			36	0															0					19-20
20 53	26.745			42	0															0					20-21
21 53	26.750			44	0															0	2	.015			21-22
22 51	26.750			44	0															0					22-23
23 52	26.740			46	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	44	37	X	X						X		
	0348	1	0	0	0	44	37		0								
	0948	2	0	0	0	53	39		0								
	1551	3	0	0	0	62	52		0								
	2149	4	0	0	0	57	38		0								
	MID.	X	0	0	0	39	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.840	26.730	26.750
BAROGRAPH 64	26.850	26.818	26.740	26.760
BAR. CORR. 65	-.020	+0.0	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	35	0	0	0	16	NE	0820					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 0637 SUNSET 1629

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

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

TIME CHECK - CLOCK AT: 0953 P (B) 0 Sec./ 2130 ±0 Sec./ ± Sec.

Barograph changed 0948 1851/APP 102 / 0138 12-16

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

MF1-10A
(1-77)

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

STATION: WMO, DESERT ROCK NEVADA

DATE: DEC 2 1986

TO CONVERT LST TO GMT ADD 8 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)	[illegible]
SA	0051	CLR	20			205	34	18	00	00		015	807 1001	EP
SA	0152	CLR	20			203	36	16	36	05		015		EP
SA	0250	CLR	20			201	36	16	18	03		014		EP
SA	0352	CLR	20			202	36	15	00	00		014	603 1001 34 RADAT 20118	WRG
SA	0452	250 -SCT	20			206	34	15	33	06		014		WRG
SA	0552	250 -SCT	20			212	34	16	04	05		014		WRG
SA	0652	250 SCT	20			212	36	19	01	07		014	400 1006	WRG
SA	0752	250 -BKN	20			214	41	18	00	00		015		WRG
SA	0852	250 SCT	20			209	50	18	31	04		015		WRG
SA	0952	250 -BKN	20			212	53	15	19	04		016	207 1006 32	WRG
SA	1052	250 -BKN	20			202	57	15	00	00		014		WRG
SA	1152	250 -BKN	20			188	60	14	11	04		011		WRG
SA	1252	E 250 BKN	20			177	60	12	15	06		008	727 1006	WRG
SA	1352	250 -BKN	20			168	63	14	13	09		005		WRG
SA	1450	250 -OVC	20			165	62	12	13	08		004		WRG
SA	1554	250 - BKN	20			170	59	16	20	07		005	507 1001 63 RADAT 20122	EP
SA	1652	250 - BKN	20			176	54	14	15	06		006		EP
SA	1754	250 - SCT	20			184	45	17	08	04		006		EP
SA	1855	CLR	20			189	42	18	26	04		007	307 1001	EP
SA	1953	CLR	20			192	40	20	00	00		009		EP
SA	2053	CLR	20			190	39	20	07	04		010		EP
SA	2155	CLR	20			192	36	22	05	03		010	108 63	EP
SA	2254	CLR	20			187	38	19	35	06		010		EP
SA	2350	CLR	20			183	36	16	06	04		009		EP

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIIII Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 2 1986

To convert LST to GMT ADD 8 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	26.730			54	0	0	CI	250												0	8	.020			00-01
01 52	26.725			44	0															0					01-02
02 50	26.720			44	0															0					02-03
03 52	26.720			43	0	0	CI	250												0	6	.010			03-04
04 52	26.720			45	1															0					04-05
05 52	26.720			47	4															2					05-06
06 52	26.720			48	5	5	CI	250												3	4	.000			06-07
07 52	26.730			39	6															3					07-08
08 52	26.730			28	5															3					08-09
09 52	26.740			23	8	8	CI	250												4	2	.020			09-10
10 52	26.720			19	9															4					10-11
11 52	26.690			16	9															4					11-12
12 52	26.660			15	9	9	CI	E250												6	7	.080			12-13
13 52	26.640			15	8															4					13-14
14 50	26.630			14	10															4					14-15
15 54	26.640			18	8	8	CI	250												3	5	.020			15-16
16 52	26.645			20	7															2					16-17
17 54	26.650			32	5															1					17-18
18 55	26.660			38	0	0	CI	250												0	3	.020			18-19
19 53	26.675			44	0															0					19-20
20 53	26.680			46	0															0					20-21
21 55	26.685			56	0															0	1	.025			21-22
22 54	26.685			46	0															0					22-23
23 50	26.675			44	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0338		0	0		38	34										
	0348	1	0	0	0	39	34		0								
	0948	2	0	0	0	53	32		0								
	1550	3	0	0	0	63	52		0								
	2052	4	0	0	0	59	36		0								
	MID.		0	0	0	40	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2053
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.740	26.640	26.685
BAROGRAPH 64	26.730	26.730	26.645	26.690
BAR. CORR. 65	-.010	+.010	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
63	32	0	0	0	10	SE	1405					8	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0638 SUNSET 1628

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: 1150 P ±0 2100 P ±0

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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: DEC. 3 1986

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. (16)	TEMP (17)	DEW PT. (18)	WIND DIRECTION (19)	WIND SPEED (Knots) (20)	WIND CHARACTER (21)	ALTIMETER SETTING (22)	REMARKS AND SUPPLEMENTAL CODED DATA (23)	OBS. TAKEN BY (25)
SA	0052	CLR	20			181	34	17	06	03		008	805	EP
SA	0153	CLR	20			180	33	17	00	00		008		EP
SA	0251	CLR	20			176	36	16	00	00		007		EP
SA	0356	250 -SCT	20			180	32	17	00	00		007	603 1001 31 RADAT 33113	WRG
SA	0452	250 -SCT	20			188	32	17	00	00		008		WRG
SA	0552	CLR	20			199	31	16	17	04		010	FEW AC E	WRG
SA	0652	CLR	20			200	33	16	01	04		010	108 1070	WRG
SA	0752	CLR	20			200	40	18	29	04		011		WRG
SA	0852	CLR	20			202	49	14	00	00		013		WRG
SA	0950	CLR	20			201	55	13	24	03		014	212 30	WRG
SA	1050	CLR	20			197	58	12	01	03		013		WRG
SA	1152	CLR	20			185	61	12	00	00		010		WRG
SA	1250	CLR	20			190	62	11	00	00		011	510	WRG
SA	1350	CLR	20			181	64	10	04	03		009	FEW CI W	WRG
SA	1451	CLR	20			180	64	12	23	09		009	FEW CI SW	WRG
SA	1555	CLR	20			183	59	17	23	05		008	608 1001 66 RADAT 20114	EP
SA	1652	CLR	20			189	51	22	09	03		008		EP
SA	1751	CLR	20			197	45	21	11	03		010		EP
SA	1851	CLR	20			205	43	22	00	00		012	312 1001	EP
SA	1952	CLR	20			207	42	23	05	04		013		EP
SA	2055	CLR	20			204	41	17	06	04		014		EP
SA	2153	CLR	20			204	42	19	01	06		015	210 66	EP
SA	2250	CLR	20			206	38	20	01	04		015		EP
SA	2351	CLR	20			205	37	21	11	04		015		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:1964-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: [illegible]

To convert LST to GMT ADD [illegible] SUBTRACT [illegible]

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.670			50	0															0	8	.015			00-01
01 53	26.665			51	0															0					01-02
02 51	26.660			44	0															0					02-03
03 56	26.660			53	2	2	CI	250												1	6	.010			03-04
04 52	26.670			53	1															0					04-05
05 52	26.685			53	0															0					05-06
06 52	26.685			51	0	0	AC	160												0	1	.025			06-07
07 52	26.690			42	0															0					07-08
08 52	26.710			25	0															0					08-09
09 50	26.720			18	0															0	2	.035			09-10
10 50	26.710			16	0															0					10-11
11 52	26.680			15	0															0					11-12
12 50	26.690			13	0															0	5	.030			12-13
13 50	26.670			12	0															0					13-14
14 51	26.670			13	0															0					14-15
15 55	26.665			19	0	0	CI	250												0	6	.025			15-16
16 52	26.670			32	0															0					16-17
17 51	26.680			38	0															0					17-18
18 51	26.700			43	0	0	CI	250												0	3	.035			18-19
19 52	26.715			47	0															0					19-20
20 55	26.720			38	0															0					20-21
21 53	26.730			39	0															0	2	.030			21-22
22 50	26.735			48	0															0					22-23
23 51	26.735			52	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	38	31	X	X						X		
	0352	1	0	0	0	40	31		0								
	0946	2	0	0	0	55	30		0								
	1551	3	0	0	0	66	55		0								
	2150	4	0	0	0	59	39		0								
	MID.	X	0	0	0	43	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0948	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.720	26.665	26.730
BAROGRAPH 64	26.665	26.720	26.660	26.710
BAR. CORR. 65	-.005	0	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
66	30	0	0	0	10	5	1448					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 0639 SUNSET 1628

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

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

TIME CHECK - CLOCK AT: 0639P ± 0 Sec./ 2130 ± 0 Sec./ ± Sec.

SP=

RS=

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE DEC. 4 1986

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 HAIR ACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0051	CLR	20			206	38	18	00	00		016	303	EP
SA	0154	CLR	20			204	40	18	29	04		016	CS DSNT SE	EP
SA	0252	CLR	20			200	39	18	08	04		015	CS DSNT SE	EP
SA	0357	CLR	20			195	37	19	10	05		013	712 1001 36 RADAT 29110	RD
SA	0459	CLR	20			204	39	19	34	05		014		RD
SA	0555	250 SCT	20			203	40	19	12	03		013		RD
SA	0654	E250 BKN OVC	20			206	43	17	12	10		014	305 1007	RD
SA	0754	E250 BKN OVC	20			216	45	18	04	08		017		RD
SA	0855	E200 OVC	20			219	46	22	35	04		018		RD
SA	0957	180 SCT E200 OVC	20			206	53	15	12	09		016	005 1057 36	RD
SA	1055	180 SCT E200 OVC	20			202	53	17	12	12		014		RD
SA	1154	180 SCT E200 OVC	20			198	52	18	12	08		013		RD
SA	1254	180 SCT E200 OVC	20			190	52	18	12	10		010	819 1028	RD
SA	1355	180 SCT E200 OVC	20			177	54	18	12	10		008		RD
SA	1450	180 SCT E200 OVC	20			181	55	18	11	03		009		RD
SA	1549	120 SCT E180 OVC	10			190	53	19	10	03		010	500 1521 55 RADAT 20106	AD
SA	1649	E120 BKN 180 OVC	10			190	51	19	10	08		010		AD
SA	1749	120 SCT E180 BKN 220 OVC	10			189	51	19	11	09		010		AD
SA	1849	120 SCT E180 BKN 220 OVC	10			178	50	20	11	12		007	~~820~~ 017 1522	AD
SA	1949	180 SCT E 220 BKN	10			182	46	23	02	04		007		AD
SA	2049	220 - SCT	10			180	46	22	07	07		007		AD
SA	2149	220 - SCT	10			178	44	22	06	05		007	400 1001 55	AD
SA	2249	220 - SCT	10			181	38	23	05	07		007		AD
SA	2349	220 - SCT	10			173	40	21	01	05		005		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-1 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 4 1986

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.740			44	0															0	3	.010			00-01
01 54	26.740			41	0															0					01-02
02 52	26.730			42	0															0					02-03
03 57	26.705			47	0	0	Ci	250												0	7	.035			03-04
04 59	26.720			41	0															0					04-05
05 55	26.710			43	3															2					05-06
06 54	26.720			35	10	10	Cs	E250												9	3	.015			06-07
07 54	26.750			34	10															10					07-08
08 55	26.755			39	10															10					08-09
09 57	26.735			22	10	2	Ac	180	10	Cs	E200	10								10	0	.015			09-10
10 55	26.715			24	10															10					10-11
11 54	26.705			26	10															10					11-12
12 54	26.680			26	10	2	As	180	8	Cs	E200	10								9	8	.055			12-13
13 55	26.660			24	10															10					13-14
14 50	26.670			23	10															10					14-15
15 49	26.680			26	10	4	Sc	120	6	As	E180	10								10	5	.000			15-16
16 49	26.680			28	10															10					16-17
17 49	26.680			28	10															10					17-18
18 49	26.660			30	10	4	Sc	120	3	As	E180	7	3	Ci	220	10				10	8	.020			18-19
19 49	26.660			40	6															5					19-20
20 49	26.660			38	4															1					20-21
21 49	26.660			41	2	2	Ci	220												0	4	.000			21-22
22 49	26.660			54	4															1					22-23
23 49	26.640			46	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	42	36	X	X						X		
	0352	1	0	0	0	43	36		0								
	0949	2	0	0	0	53	37		0								
	1545	3	0	0	0	55	52		0								
	2145	4	0	0	0	54	44		0								
	MID.	X	0	0	0	44	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0316	0956	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.765	26.735	26.680	26.660
BAROGRAPH 64	26.700	26.730	26.670	26.655
BAR. CORR. 65	+.005	+.005	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	36	0	0	0	17	SE	1033					10	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 0640 SUNSET 1628

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

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

TIME CHECK - CLOCK AT: 0715 ± 0 Sec./ ± Sec./ 1700 ± 1 Sec.

0654 / BKN ovc / 0750

0759 / 0754

SP=

RS=

MF1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE DEC 05 1986

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	0049	220 - SCT	10			174	39	21	00	00		005	607 1001	AD
SA	0149	220 - SCT	10			176	38	22	00	00		006		AD
SA	0249	220 - BKN	10			172	37	22	32	03		005		AD
SA	0357	220 - BKN	20			168	36	22	05	03		005	802 1008 36 RADAT 54100	RD
SA	0456	100 SCT 220 - BKN	20			170	37	22	04	05		004		RD
SA	0555	100 SCT 220 - BKN	20			172	37	23	02	05		004		RD
SA	0651	120 SCT E220 BKN	20			170	38	23	35	03		004	602 1078	RD
SA	0758	120 SCT E220 OVC	20			170	42	26	01	04		004	ACSL SE	RD
SA	0857	E220 OVC	20			170	48	26	30	03		005	FEW AC	RD
SA	0956	E220 OVC	20			165	53	20	28	04		004	ACSL SE/000 104735	RD
SA	1058	140 SCT E220 OVC	20			155	56	21	29	04		001		RD
SA	1159	140 SCT E220 OVC	20			143	56	21	28	03		998		RD
SA	1251	E140 BKN 220 OVC	20			137	56	22	20	05		996	BINOVC NW/725 1078	RD
SA	1352	E140 BKN 220 OVC	20			131	56	22	12	07		994		RD
SA	1450	E140 BKN 220 OVC	20			133	56	23	12	05		994		RD
SA	1549	110 SCT E140 BKN 220 OVC	20			138	55	22	13	09		995	502 1078 57 RADAT 50096	AD
SA	1649	110 SCT E140 BKN 220 OVC	20			136	53	24	13	08		994		AD
SA	1749	E140 BKN 220 OVC	20			136	52	25	02	06		994		AD
SA	1849	E140 BKN 220 OVC	20			144	49	27	05	05		996	303 1078	AD
SA	1949	E140 BKN 220 OVC	20			140	51	26	03	04		996		AD
SA	2049	E70 BKN 140 OVC	10		RW-	138	49	35	09	05		996	RB15	AD
SA	2149	45 SCT E70 BKN 140 OVC	10			136	48	34	10	04		996	RE05/40000 1571 57	AD
SA	2249	M45 BKN 70 OVC	10			135	49	31	07	03		996		AD
SA	2349	M 45 OVC	10			127	49	32	03	04		994		AD

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

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

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

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

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: NEMO, DESERT ROCK NEVADA

DATE: DEC 05 1988

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.640			48	3	3	Ci	220												0	6	.020			00-01
01 49	26.650			52	3															0					01-02
02 49	26.640			54	6															0					02-03
03 57	26.635			57	6	6	Cs	220												3	8	.005			03-04
04 56	26.630			55	7															3					04-05
05 55	26.630			57	9															4					05-06
06 51	26.630			55	9	4	Ac	120	6	Cs	E220	9								8	6	.005			06-07
07 58	26.630			53	10															8					07-08
08 57	26.640			42	10															10					08-09
09 56	26.630			27	10	0	Ac	100	10	Cs	E220	10								10	0	.000			09-10
10 58	26.600			26	10															10					10-11
11 57	26.570			26	10															10					11-12
12 51	26.555			27	10	0	Ac	120	7	Ac	E140	7	3	Cs	220	10				9	7	.075			12-13
13 52	26.540			27	10															10					13-14
14 50	26.540			27	10															10					14-15
15 49	26.550			27	10	1	Ac	110	6	Ac	E140	7	3	Cs	220	10				10	5	.005			15-16
16 49	26.540			32	10															10					16-17
17 49	26.540			35	10															10					17-18
18 49	26.560			42	10	6	Ac	E40	4	Cs	220	10								10	3	.010			18-19
19 49	26.560			38	10															10					19-20
20 49	26.560			58	10															10					20-21
21 49	26.560			58	10	3	Sc	45	4	Ac	E40	7	3	Ac	140	10				10	4	.000			21-22
22 49	26.560			50	10															10					22-23
23 49	26.540			52	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		41	36										
	0351	1	0	0	0	44	36		0								
	0949	2	0	0	0	53	35		0								
	1545	3	0	0	0	57	52		0								
	2145	4	T	0	0	55	48		0								
	MID.		0	0	0	50	48										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0955	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.635	26.630	26.550	26.560
BAROGRAPH 64	26.640	26.690	26.540	26.545
BAR. CORR. 65	-.005	+0.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	35	T	0	0	13	SE	1701					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2015	2105			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0641 SUNSET 1628

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

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

TIME CHECK - CLOCK AT: 0652 ⊖ /Sec. / ± Sec. / 1700 ⊖ /Sec.

Change Microbarograph at 0959 LST

SP=

RS=

☆U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 06, 1986

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	0049	M 45 OVC	10			128	48	35	09	06		994	607 15//	AD
SA	0149	M45 OVC	10			126	49	35	12	07		994		AD
SA	0249	M 38 OVC	10			123	49	36	05	04		993		AD
SA	0354	M 45 OVC	10			125	48	37	14	08		993	603 15// 48 RADAT 95074	RD
SA	0455	M 45 OVC	15			125	47	39	12	07		993		RD
SA	0551	M38 OVC	15			130	46	41	13	08		994		RD
SA	0656	30 SCT M41 OVC	15			137	45	41	10	11		995	MTN TOPS OBSC S /305 15//	RD
SA	0752	30 SCT M35 OVC	10		R –	135	45	42	12	08		995	RB36	RD
SA	0851	30 SCT M38 OVC	15			135	45	43	12	09		996	RE08 MTN TOPS OBSC S	RD
SA	0453	25 SCT M39 OVC	15			144	45	43	12	06		998	MTN TOPS OBSC S/30800	RD
—	—		—			—	—	—				—	15// 45	—
SA	1055	25 SCT M39 OVC	10		R –	135 ~~14~~	45	44	10	07		996	RB12 MTN TOPS OBSC N S	RD
SA	1151	15 SCT M38 OVC	10		R –	125	46	44	12	06		992	MTN TOPS OBSC S	RD
SA	1257	14 SCT M48 OVC	10		R –	114	46	44	11	08		989	BINOVC NW MTN TOPS OBSC N	RD
—	—		—			—	—	—				—	72505 1700	—
SA	1353	15 SCT M48 OVC	15			114	46	44	10	06		989	RE03 535 E45 MTN OBSC S N	RD
SA	1451	20 SCT M50 OVC	15			114	47	44	12	07		989	MTN TOPS OBSC S	RD
SA	1549	10 SCT 22 SCT M45 BKN 100 OVC	10			120	47	43	12	06		991	MTN TOPS OBSC S BINOVC OVHD/	AD
/	/												30505 157/ 48 RADAT 92012	~~AD~~
~~SA~~ RS	1649	M15 BKN 22 BKN 45 OVC	7		RW –	121	46	44	11	07		991	RB40	AD
SA	1749	M25 BKN 45 OVC	7			122	46	42	11	06		991	RE05	AD
SA	1849	M25 BKN 45 OVC	7			124	46	42	11	05		991	40000 16//	AD
SA	1949	M23 OVC	7			131	46	43	10	05		993		AD
SA	2049	M20 BKN 26 OVC	7			131	46	43	03	06		993	RB02E 16	AD
SA	2149	10 SCT 18 SCT M25 BKN 32 OVC	7			131	45	43	03	13		993	10700 15// 50	AD
SA	2249	M25 OVC	7			131	45	42	03	08		993		AD
SA	2349	M 26 OVC	7			128	45	42	03	09		992		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 (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 06, 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.540			61	10	10	Sc	M45												10	6	.020			00-01
01 49	26.540			58	10															10					01-02
02 49	26.530			61	10															10					02-03
03 54	26.530			66	10	10	Sc	M45												10					03-04
04 58	26.530			74	10															10	6	.010			04-05
05 51	26.540			82	10															10					05-06
06 58	26.545			86	10	2	Sc	30	8	Sc	M41	10								10					06-07
07 52	26.545			89	10															10	3	.015			07-08
08 51	26.555			93	10															10					08-09
09 53	26.570			93	10	2	Sc	25	10	Sc	M39	10								10					09-10
10 55	26.550			97	10															10	3	.025			10-11
11 51	26.520			93	10															10					11-12
12 57	26.495			93	10	4	Cu	14	6	Sc	M48	10								10					12-13
13 53	26.495			93	10															9	7	.075			13-14
14 51	26.495			89	10															10					14-15
15 49	26.510			86	10	2	Sc	10	2	St	22	4	4	Sc	M45	8	2	Ac	100	10					15-16
16 49	26.510			93	10															9	3	.015			16-17
17 49	26.510			86	10															10					17-18
18 49	26.510			86	10	6	St	M25	4	Sc	45	10								10					18-19
19 49	26.530			89	10															10	4	.000			19-20
20 49	26.530			89	10															10					20-21
21 49	26.530			93	10	2	St	10	2	St	18	4	4	Sc	M25	8	2	Sc	32	10	1	.020			21-22
22 49	26.530			89	10															10					22-23
23 49	26.520			89	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0347		0	0		50	40										
	0347	1	0	0	0	50	40		0								
	0945	2	T	0	0	48	45		0								
	1545	3	.05	0	0	47	45		1								
	2145	4	T	0	0	47	45		1								
	MID.		0	0	0	45	44										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1550	2140
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.570	26.510	26.530
BAROGRAPH 64	26.520	26.555	26.500	26.520
BAR. CORR. 65	+.010	+.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	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
50	44	0.05	0	0	15	E	0010					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0736	0808			
R-	1212	1303			
R-	1335	1345			
RW-	1640	1705			
RW-	2002	2016			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0641 SUNSET 1628

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

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

TIME CHECK - CLOCK AT: 0700 ⊘0 Sec./ ± Sec./ ± Sec.

1055/1055 1353/1353 1549/1549

1649/1649 1257/1500/0316-12-16

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK, NEVADA**

DATE DEC 07, 1986

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA ~~R~~	0049	M26 OVC	7		RW-	128	43	42	03	09		992	RB11 / 603 02 1711	AD
SA ~~R~~	0149	17 SCT M26 ~~B~~BKN 38 OVC	6		RW-	128	43	41	04	10		992		AD
RS-SA ~~R~~	0249	M41 OVC	7			127	44	40	07	08		992	RE20	AD
SA	0354	M45 OVC	7			127	45	39	06	07		992	[illegible]	SH
	—		—			—						—	[illegible]	-
SA	0451	E60 OVC	10			130	44	36	06	10		993		SH
SA	0549	50 SCT E120 OVC	20			135	44	35	07	10		993		SH
SA	0648	E140 BKN 200 OVC	20			140	42	34	05	11		996	3[illegible] 1577	SH
SA	0754	E140 BKN 200 BKN	20			148	43	32	03	12	G19	997	FEW SE	SH
SA	0853	60 SCT E120 BKN	20			155	45	31	05	12	G19	999		SH
SA	0952	60 SCT E120 BKN	20			160	48	30	04	16		002	220 1570 4C	SH
SA	1051	60 SCT E120 BKN	20			159	49	29	03	14	G20	002		SH
SA	1151	E60 BKN 120 ~~BKN~~ OVC	20			151	49	29	04	13		999	BKN SW VW	SH
SA	1252	E60 BKN 120 OVC	20			146	50	29	05	13		998	812 1571	SH
SA	1352	E60 BKN 120 OVC	20			145	51	29	05	12		998		SH
SA	1450	E60 BKN 120 OVC	20			147	50	31	07	09		998	DWU SE	SH
SA	1556	60 SCT E120 BKN	20			151	51	30	06	04		999	305 1550 51 RADAT 5Y070	MR
SA	1653	E40 BKN 120 BKN	20			163	46	33	09	04		002		MR
SA	1751	40 SCT	20			168	44	31	05	04		003		MR
SA	1852	120 SCT	20			174	43	29	05	04		004	114 1070	MR
SA	1953	130 SCT	20			176	44	27	04	04		006		MR
SA	2054	130 SCT	20			178	46	25	04	09		006		MR
SA	2155	130 SCT	20			185	45	25	05	05		009	315 1070 51	MR
SA	2255	CLR	20			191	42	26	24	04		010	FEW AC	MR
SA	2353	CLR	20			193	42	25	25	02		011	AC SE	MR

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

FM12-VII: Iliii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: DEC 07, 1986

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.
0049	26.520			96	10	10	STRA	1126												10	6	.010			00-01
0149	26.520			93	10															10					01-02
0249	26.520			86	10															10					02-03
0354	26520			81	10	10	STRA	1143												10	5	[illegible]			03-04
0457	26525			74	10															10					04-05
0544	26540			72	10															10					05-06
0648	26550			71	10	0	SC	50	1	AC	E160	6	4	CS	200	10				10	3	.03			06-07
0754	26570			65	9															9					07-08
0853	26590			59	8															8					08-09
0952	26610			50	8	4	SC	60	4	AC	E120	8								8	2	.005			09-10
1051	26610			46	9															9					10-11
1151	26590			47	10															10					11-12
1252	26575			43	10	1	SC	E60	4	AC	120	10								10	8	.035			12-13
1352	26575			43	10															10					13-14
1450	26530			47	10															10					14-15
1556	26.570			45	9	3	SC	60	6	AC	E120	9								8	3	.015			15-16
1653	26.610			61	8															8					16-17
1751	26.620			61	1															1					17-18
1852	26.630			59	1	1	AC	120												1	1	.040			18-19
1953	26.645			51	1															1					19-20
2054	26.650			45	1															1					20-21
2155	26.675			46	1	1	AC	130												1	3	.045			21-22
2255	26.685			53	0															0					22-23
2353	26.690			50	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	DEW POINT (°F) 47	WBULB TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	WBULB TEMP. 56	57	58
	MID. TO 0345		0.10	0		45	43		2								
	0345	1	0.10	0	0	45	43		2								
	0143	2	0	0	0	44	42		0								
	1551	3	0	0	0	51	47		0								
	2151	4	0	0	0	51	42		0								
	MID.		0	0	0	45	40										

STATION PRESSURE SHEET AT TIMES

TIME (L.S.T.) 59	0049	0349	1255	1454
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	[illegible]	[illegible]	26.570	26.665
BAROGRAPH 64	26.575	[illegible]	26.580	26.665
BAR. CORR. 65	[illegible]	[illegible]	+.010	+.016

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	40	.10	0	0	22	NE	1018					9	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0011	0220			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0642 SUNSET 1628

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

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

TIME CHECK-CLOCK AT: 0100 ⊙ 1 Sec./ 0657P ⊙ 0 Sec./ 2157P ⊙ 0 Sec.

0354/0354 0648/APP 310/2130 0049/60302/2200

0451/0451

1252/1252

// LAST OF SEVERAL OCCURENCES

0249/RS/0346 12-16

SP=

RS=

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: DEC 8, 1986

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)	OBSERVATION (15)
SA	0053	CLR	20			174	38	26	31	04		011	105	MR
SA	0153	CLR	20			173	40	26	00	00		011		MR
SA	0250	CLR	20			191	43	25	02	04		011		MR
SA	0355	CLR	20			194	38	26	22	03		011	400 37 RMDAT 2071	SA
SA	0454	CLR	20			200	33	27	17	05		011		JP
SA	0553	CLR	20			205	35	26	07	04		013		JP
SA	0654	CLR	20			210	37	25	04	04		014	310	JP
SA	0755	CLR	20			205	43	26	04	07		014		JP
SA	0854	CLR	20			214	47	25	03	08		017		JP
SA	0954	CLR	20			209	50	25	06	07		016	007 32	JP
SA	1056	CLR	20			203	57	23	01	06		014		JP
SA	1153	CLR	20			186	53	21	01	05		011		JP
SA	1254	CLR	20			184	54	20	35	03		008	624	JP
SA	1355	CLR	20			174	56	21	24	05		006		JP
SA	1454	CLR	20		174	167	56	23	23	04		005		JP
SA	1554	CLR	20			175	54	24	23	04		006	508 56 RADAT 36091	MR
SA	1652	CLR	20			180	49	24	00	00		006		MR
SA	1752	CLR	20			186	42	29	05	05		007		MR
SA	1853	CLR	20			188	40	29	05	02		007	303	MR
SA	1953	CLR	20			190	39	29	00	00		009		MR
SA	2056	CLR	20			193	37	29	08	03		010		MR
SA	2153	CLR	20			196	36	29	00	00		011	212 56	MR
SA	2249	CLR	20			200	34	28	00	00		012		MR
SA	2357	CLR	20			201	33	28	00	00		013		MR

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 19, 1986

TIME CHANGE 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	26.690			61	0															0	1	.015			00-01
01 53	26.690			56	0															0					01-02
02 56	26.690			48	0															0					02-03
03 55	26.690			62	0															0	4	.005			03-04
04 56	26.690			81	0															0					04-05
05 53	26.710			70	0															0					05-06
06 54	26.720			62	0															0	3	.030			06-07
07 55	26.720			51	0															0					07-08
08 54	26.730			42	0															0					08-09
09 54	26.740			37	0															0	0	.020			09-10
10 56	26.720			33	0															0					10-11
11 53	26.685			28	0															0					11-12
12 54	26.670			26	0															0	6	.070			12-13
13 55	26.650			25	0															0					13-14
14 54	26.640			28	0															0					14-15
15 54	26.645			31	0															0	5	.025			15-16
16 52	26.645			36	0															0					16-17
17 52	26.650			59	0															0					17-18
18 53	26.655			66	0															0	3	.010			18-19
19 53	26.670			66	0															0					19-20
20 56	26.680			73	0															0					20-21
21 53	26.680			73	0															0	2	.035			21-22
22 49	26.700			78	0															0					22-23
23 57	26.705			82	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 0250	X	0	0	X	44	37	X	X						X		
	0350	1	0	0	0	45	37		0								
	0952	2	0	0	0	50	32		0								
	1551	3	0	0	0	56	50		0								
	2150	4	0	0	0	54	36		0								
	MID	X	0	0	0	37	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0252	0954	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.67	26.740	26.645	26.680
BAROGRAPH 64	26.69	26.740	26.640	26.680
BAR. CORR. 65		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 UNML TO (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Xtra.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	32	0	0	0	10	NE	1012 1/					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0643 SUNSET 1628

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

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

TIME CHECK - CLOCK AT: 1015P ⊕ 0 Sec./ 1605P ⊖ 1 Sec./ ± Sec.

0053/0053P

1/ LAST OF SEVERAL OCCURENCES

1454/SCP 174./2115

SP=

RS=

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE DEC 9, 1986

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

SURFACE WEATHER OBSERVATIONS

Type (1)	Time (2)	Sky Condition (Hundreds of Feet) (3)	Visibility (4)	Visibility (4a)	Weather Obs. Obstruction to Vision (5)	Sea Level Pressure (6)	Temperature (7)	Temperature (8)	Wind (9)	Wind (10)	Wind (11)	Altimeter Pressure (12)	Remarks and Supplemental Data (13)	Sky Cover (15)
SA	0059	CLR	20			200	33	28	00	00		013	105	MR
SA	0154	CLR	20			204	31	27	00	00		014		MR
SA	0256	CLR	20			202	37	26	03	06		014		MR
SA	0354	CLR	20			201	40	24	04	07		014	105 31 RADAT 20082	JP
SA	0456	70 SCT	20			210	39	23	32	04		015		JP
SA	0557	CLR	20			216	41	22	01	09		016		JP
SA	0656	CLR	20			221	40	22	05	12		017	210	JP
SA	0755	CLR	20			229	41	22	05	15		019		SH
SA	0853	CLR	20			234	43	22	03	16		021		JP
SA	0952	CLR	20			236	45	22	01	14		022	114 31	JP
SA	1059	CLR	20			229	48	21	05	11		019		SH
SA	1155	CLR	20			221	49	17	02	13		017		JP
SA	1253	CLR	20			213	50	16	03	10		015	720	JP
SA	1352	CLR	20			210	51	12	04	11		014		JP
SA	1453	CLR	20			206	51	11	04	12		014		JP
SA	1555	CLR	20			209	50	12	05	08		015	500 1001 51 RADAT	MR
													23067	
SA	1654	CLR	20			213	45	19	08	02		015		MR
SA	1754	CLR	20			213	40	17	06	07		015		MR
SA	1852	CLR	20			219	42	13	04	08		017	305	MR
SA	1952	CLR	20			230	38	15	08	04		020		MR
SA	2052	CLR	20			235	39	13	04	07		022		MR
SA	2156	CLR	20			247	38	13	04	09		025	325 51	MR
SA	2252	CLR	20			252	39	13	04	11		027		MR
SA	2353	CLR	20			250	36	14	02	11		026		MR

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 9, 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 59	26.705			82	0															0	1	.015			00-01
01 54	26.715			85	0															0					01-02
02 56	26.720			64	0															0					02-03
03 54	26.720			52	0															0	1	.015			03-04
04 52	26.730			52	1															1					04-05
05 57	26.740			46	0															0					05-06
06 56	26.750			48	0															0	2	.030			06-07
07 55	26.770			46	0															0					07-08
08 53	26.780			43	0															0					08-09
09 52	26.790			40	0															0	1	.040			09-10
10 59	26.770			34	0															0					10-11
11 55	26.750			28	0															0					11-12
12 53	26.730			26	0															0	7	.060			12-13
13 52	26.720			21	0															0					13-14
14 53	26.720			20	0															0					14-15
15 55	26.730			21	0	0	01	250												0	5	-.000			15-16
16 54	26.730			36	0															0					16-17
17 54	26.730			39	0															0					17-18
18 52	26.745			30	0															0	3	-.015			18-19
19 52	26.770			34	0															0					19-20
20 52	26.785			34	0															0					20-21
21 56	26.820			36	0															0	3	.075			21-22
22 52	26.840			35	0															0					22-23
23 53	26.830			41	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 0332	X	0	0	X	41	31	X	X						X		
	0352	1	0	0	0	41	31		0								
	0951	2	0	0	0	45	39		0								
	1552	3	0	0	0	51	45		0								
	2152	4	0	0	0	50	37		0								
	MID.	X	0	0	0	39	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.790	26.730	26.820
BAROGRAPH 64	26.710	26.780	26.730	26.815
BAR. CORR. 65	+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 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
51	31	0	0	0	21	NE	0902					0	0		

4 AM

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0644 SUNSET 1628

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

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

TIME CHECK - CLOCK AT: 0330P 3 Sec./ 1853 0 Sec./ ± Sec.

SP-

RS=

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: DEC 10, 1986

TO CONVERT LST TO GMT ADD 8 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)	(14)
SA	0053	CLR	20			254	35	12	07	06		027	107	MR
SA	0153	CLR	20			258	34	11	03	13		028		MR
SA	0252	CLR	20			258	33	10	03	12		028		MR
SA	0355	CLR	20			254	32	9	03	13	G18	027	802 31 RAMT 28L034048	008
SA	0458	CLR	20			255	31	9	09	04		026		008
SA	0550	CLR	20			262	31	8	05	08		027		008
SA	0655	CLR	20			257	30	8	04	09		026	702	008
SA	0752	CLR	20			262	33	6	09	06		027		008
SA	0852	CLR	20			265	37	5	06	03		029		008
SA	0955	CLR	20			262	40	6	03	09		028	907 30	008
SA	1053	CLR	20			257	42	5	04	05		026		008
SA	1150	CLR	20			236	45	5	00	00		022		008
SA	1250	CLR	20			225	47	4	10	03		018	730	008
SA	1350	CLR	20			220	48	3	14	10		017		008
SA	1452	CLR	20			207	41	1	12	11		014		008
SA	1550	CLR	20			217	49	1	12	12		016	507 49 RAMT 20002	CH
SA	1650	CLR	20			226	42	8	11	11		017		CH
SA	1750	CLR	20			227	41	3	11	08		017		CH
SA	1850	CLR	20			235	35	10	14	04		018	207	CH
SA	1950	CLR	20			231	32	12	00	00		017		CH
SA	2050	CLR	20			233	32	14	00	00		018		CH
SA	2150	CLR	20			235	32	12	00	00		020	303 49	CH
SA	2250	CLR	20			228	28	13	00	00		017		CH
SA	2350	CLR	20			224	27	13	00	00		016		CH

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 10, 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.840			39	0															0	1	.020			00-01
01 53	26.850			38	0															0					01-02
02 52	26.850			39	0															0					02-03
03 55	26.835			38	0															0	8	.005			03-04
04 58	26.830			39	0															0					04-05
05 50	26.840			38	0															0					05-06
06 55	26.830			39	0															0	7	.005			06-07
07 52	26.840			35	0															0					07-08
08 52	26.855			30	0															0					08-09
09 55	26.850			24	0															0	0	.010			09-10
10 53	26.830			21	0															0					10-11
11 50	26.790			19	0															0					11-12
12 50	26.760			17	0															0	7	.070			12-13
13 50	26.750			15	0															0					13-14
14 52	26.740			13	0															0					14-15
15 50	26.740			13	0															0	5	.020			15-16
16 50	26.750			24	0															0					16-17
17 50	26.750			20	0															0					17-18
18 50	26.760			35	0															0	2	.020			18-19
19 50	26.750			43	0															0					19-20
20 50	26.760			47	0															0					20-21
21 50	26.770			43	0															0	3	.010			21-22
22 50	26.750			53	0															0					22-23
23 50	26.740			55	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	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 0333	X	0	0	X	36	31	X	X						X		
	0333	1	0	0	0	34	31		0								
	0734	2	0	0	0	40	30		0								
	1548	3	0	0	0	49	40		0								
	2148	4	0	0	0	49	30		0								
	MID.	X	0	0	0	32	27	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0334	0734	1548	2149
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.855	26.840	26.740	26.770
BAROGRAPH 64	26.850	26.835	26.745	26.775
BAR. CORR. 65	+.005	+.004	+.0	+.000

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
49	27	0	0	0	20	NE	0715					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 0645 SUNSET 1628

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

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

TIME CHECK - CLOCK AT: 0659P ±1 Sec./ 1620P ±1 Sec./ ± Sec.

SP=

RS=

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: DEC 11 1986

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)	SEQUENCE NUMBER (15)
SA	0050	CLR	20			223	27	15	00	00		016	610	CH
SA	0150	CLR	20			222	27	13	00	00		016		CH
SA	0250	CLR	20			219	30	11	00	00		016		CH
SA	0350	CLR	20			220	28	12	00	00		016	400 20 MALF 34403+01245/3	002
SA	0450	CLR	20			223	31	7	00	00		016		003
SA	0550	CLR	20			224	22	11	31	04		017		004
SA	0650	CLR	20			237	29	10	34	04		018	307	005
SA	0750	CLR	20			239	36	12	06	11		020		006
SA	0850	CLR	20			237	43	8	06	12		021		007
SA	~~0950~~ 1040	CLR	20			235	41	7	04	12		014	307 35	008
SA	1050	CLR	20			231	51	9	30	03		010		009
SA	1150	CLR	20			225	54	9	32	04		015		010
SA	1250	CLR	20			218	53	10	22	03		016	314	011
SA	1350	CLR	20			215	52	11	22	05		015		012
SA	1452	CLR	20			213	52	10	23	07		015		013
SA	1550	200 - OVC	20			220	50	10	23	05		015	305 1 35 1001	014
SA	1650	200 - BKN	20			229	45	11	22	03		018		CH
SA	1750	200 - SCT	20			244	38	14	12	04		021		CH
SA	1850	CLR	20			244	37	16	10	07		021	114 KBDAT 20110	CH
SA	1950	CLR	20			242	35	13	09	06		022		CH
SA	2050	200 - SCT	20			240	33	17	03	03		022		CH
SA	2150	220 - BKN	20			243	32	17	00	00		023	207 1001 55	CH
SA	2250	220 - BKN	20			240	32	17	00	00		023		CH
SA	2350	220 - BKN	20			231	30	16	00	00		021		CH

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 11 1986

To convert LST to GMT ADD 8 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.
0050	26.740			60	0															0	6	.030			00-01
0150	26.740			55	0															0					01-02
0250	26.740			45	0															0					02-03
0350	26.740			51	0															0	4	.000			03-04
0450	26.740			37	0															0					04-05
0550	26.750			48	0															0					05-06
0648	26.760			45	0															0	3	.020			06-07
0755	26.775			37	0															0					07-08
0850	26.780			23	0															0					08-09
0950	26.780			23	0															0	1	.020			09-10
1058	26.770			18	0															0					10-11
1150	26.760			16	0															0					11-12
1250	26.740			15	0															0	3	.040			12-13
1350	26.730			17	0															0					13-14
1452	26.730			18	0															0					14-15
1550	26.740			20	10	10	CI	200												2	5	.000			15-16
1650	26.760			25	8															2					16-17
1750	26.780			37	4															1					17-18
1850	26.780			42	0															0	1	.040			18-19
1950	26.790			40	0															0					19-20
2050	26.790			52	4															1					20-21
2150	26.800			54	7	7	CI	220												1	2	.020			21-22
2250	26.800			54	7															1					22-23
2350	26.780			56	8															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0334	X	0	0	X	30	25	X	X						X		
	0334	1	0	0	0	32	25		0								
	0949	2	0	0	0	45	27		0								
	1549	3	0	0	0	55	45		0								
	2148	4	0	0	0	50	32		0								
	MID.	X	0	0	0	34	30	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0334	0949	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.774	26.780	26.790	26.800
BAROGRAPH 64	26.740	26.745	26.785	26.785
BAR. CORR. 65	+0	+.005	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
55	25	0	0	0	16	NE	0947					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0646 SUNSET 1628

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: 0635P -1sec/ 1652P ± 0SEC

1050/0750 1550 / 12HR TMP WRONG SPOT / 1550

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE DEC 12 1986

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	220 - BKN	20			235	30	16	00	00		022	503 1001	CH
SA	0150	220 - BKN	20			236	29	16	00	00		022		CH
SA	0250	220 - BKN	20			232	29	17	33	05		021		CH
SA	0350	220 - SCT	20			230	29	16	02	03		019	807 1001 28 RADAT 2TL 034106	008
SA	0452	220 SCT	20			238	28	16	08	04		020		008
SA	0550	220 - SCT	20			242	29	15	31	04		020		008
SA	0649	220 - SCT	20			248	28	16	32	05		022	207 1001	008
SA	0750	220 - SCT	20			255	34	17	35	04		025		008
SA	0851	220 - BKN	20			250	41	16	16	03		024		008
SA	0950	220 - BKN	20			251	45	13	14	08		025	210 1001 25	008
SA	1055	220 - BKN	20			236	49	14	02	05		022		008
SA	1150	220 - BKN	20			225	51	13	14	00		018		008
SA	1251	220 SCT	20			213	52	14	36	04		015	730 1002	008
SA	1350	220 SCT	20			212	54	13	30	03		015		008
SA	1456	CLR	20			209	54	14	17	03		014	[illegible]	008
SA	1550	CLR	20			210	51	14	21	04		014	603 55	CH
SA	1650	CLR	20			219	46	16	18	03		015	RADAT 20102	CH
SA	1750	CLR	20			225	41	15	10	06		016		CH
SA	1850	CLR	20			229	36	16	08	04		016	107	CH
SA	1950	CLR	20			231	33	21	00	00		017		CH
SA	2050	CLR	20			234	32	16	00	00		020		CH
SA	2150	CLR	20			231	33	15	12	05		020	110 55	CH
SA	2250	CLR	20			233	31	19	35	03		021		CH
SA	2350	CLR	20			235	28	15	06	04		021		CH

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 12 1986

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	26.790			56	8	0	CI	220												1	5	.010			00-01
01 50	26.790			58	8															1					01-02
02 50	26.780			61	8															1					02-03
03 49	26.770			58	5	5	CI	220												2		.020			03-04
04 50	26.780			60	5															2					04-05
05 50	26.780			55	5															2					05-06
06 49	26.770			60	5	5	CI	220												2	2	.020			06-07
07 50	26.820			50	5															2					07-08
08 51	26.810			36	7															2					08-09
09 50	26.810			27	7	7	CI	220												3	2	.030			09-10
10 53	26.790			24	7															4					10-11
11 50	26.760			22	7															3					11-12
12 51	26.730			22	2	2	CI	220												2	7	.070			12-13
13 50	26.730			19	1															1					13-14
14 56	26.720			20	0															0					14-15
15 50	26.720			23	0															0	6	.010			15-16
16 50	26.730			30	0															0					16-17
17 50	26.740			34	0															0					17-18
18 50	26.740			44	0															0	1	.020			18-19
19 50	26.750			61	0															0					19-20
20 50	26.770			51	0															0					20-21
21 50	26.770			47	0															0	1	.030			21-22
22 50	26.780			61	0															0					22-23
23 50	26.780			58	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 0548		0	0		32	28										
	0848	1	0	0	0	34	28		0								
	0948	2	0	0	0	45	25		0								
	1550	3	0	0	0	55	45		0								
	2148	4	0	0	0	51	31		0								
	MID.		0	0	0	34	28										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	1548	0948	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.770	26.820	26.720	26.770
BAROGRAPH 64	26.773	26.822	26.723	26.770
BAR. CORR. 65	-.004	[illegible]	[illegible]	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHL 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
55	25	0	0	0	10	SE	0922					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0646 SUNSET 1629

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

FASTEST OBSERVED [redacted] | OR FASTEST MILE [redacted] | ASSOCIATED DIRECTION [redacted] | TIME

TIME CHECK - CLOCK AT: 0535 ⊕0 Sec./ 1829 ± 0 Sec./ ± Sec.

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-784-006/6069

MF1-10A (1-77)

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

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: DEC 13 1986

TO CONVERT LST TO GMT: [illegible]

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)	[illegible] (15)
SA	0050	CLR	20			228	30	19	13	05		020	000	CH
SA	0150	CLR	20			225	27	18	36	04		018		CH
SA	0250	250 - SCT	20			224	30	18	12	05		018		CH
SA	0350	250 - SCT	20			216	31	17	13	05		016	710 1001 27	CH
SA	0450	250 - SCT	20			216	32	17	16	03		015	FALAT 20101	CH
SA	0550	250 - SCT	20			226	32	17	07	04		017		CH
SA	0653	180 SCT 250 - BKN	20			229	33	17	35	06		017	303 1031	CH
SA	0750	E120 BKN 250 BKN	20			233	35	19	31	04		018		CH
SA	0850	E120 BKN 250 BKN	20			234	41	18	10	03		019		CH
SA	0949	140 SCT E250 BKN	20			232	45	15	14	05		017	107 1031 27	CH
SA	1056	250 - OVC	20			219	50	17	33	04		017		CH
SA	1155	250 - OVC	20			206	53	17	07	03		013		CH
SA	1257	E200 OVC	20			194	52	19	16	07		010	730 1006	CH
SA	1356	E200 OVC	20			187	53	18	14	10		007		CH
SA	1454	E200 BKN	20			186	52	17	14	10		007		CH
SA	1550	E200 BKN	20			190	50	17	12	07		009	503 1001 53 RADAT 20047	CH
SA	1650	E200 BKN	20			205	46	19	09	06		012		CH
SA	1750	E200 BKN	20			206	43	19	09	05		012		CH
SA	1850	200 - BKN	20			212	38	21	03	05		013	218 1001	CH
SA	1950	200 - BKN	20			212	36	17	00	00		013		CH
SA	2050	200 - BKN	20			211	33	20	03	04		013		CH
SA	2150	200 - BKN	20			207	34	20	07	04		013	400 1001 53	CH
SA	2250	200 - BKN	20			202	37	20	30	03		013		CH
SA	2350	200 - BKN	20			198	35	20	00	00		012		CH

A synoptic observation, in WMO code format FM11D, is entered on the following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_ts$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 15 1986

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	26.770			63	0															0	0	.000			00-01
01 50	26.760			69	0															0					01-02
02 50	26.760			61	3															0					02-03
03 50	26.740			56	3	3	CI	250												0	7	.030			03-04
04 50	26.730			54	3																				04-05
05 50	26.750			54	3															1					05-06
06 53	26.750			57	7	2	AC	180	5	CI	250	7								3	3	.010			06-07
07 50	26.760			52	8															7					07-08
08 50	26.770			54	8															7					08-09
09 49	26.770			50	8	5	AC	140	3	CI	8250	8								0	1	.020			09-10
10 46	26.745			37	10															2					10-11
11 45	26.710			25	10															3					11-12
12 47	26.680			27	10	10	CI	5200												4	7	.070			12-13
13 46	26.660			25	10															9					13-14
14 54	26.660			25	8															7					14-15
15 50	26.670			27	8	8	CI	8200												6	5	.010			15-16
16 50	26.700			34	8															5					16-17
17 50	26.700			38	7															4					17-18
18 50	26.710			50	7	7	CI	200												3	2	.040			18-19
19 50	26.710			46	7															3					19-20
20 50	26.710			59	7															2					20-21
21 50	26.710			56	8	8	CI	200												3	4	.020			21-22
22 50	26.710			50	8															3					22-23
23 50	26.700			54	8															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	33	27	X	X						X		
	0348	1	0	0	0	34	27		0								
	0948	2	0	0	0	45	30		0								
	1548	3	0	0	0	53	45		0								
	2148	4	0	0	0	51	32		0								
	MID.	X	0	0	0	40	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.770	26.670	26.710
BAROGRAPH 64	26.745	26.740	26.680	26.700
BAR. CORR. 65	+.005	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	27	0	0	0	10	SE	1529*					9	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0647 SUNSET 1629

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

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

TIME CHECK-CLOCK AT: 0957P @ 0 Sec./ 1856P ± 0 Sec./ ± Sec.

1000P RANGED BAROGRAM - RESET TO ZERO

1850/1850

*LAST OF SEVERAL OCCURANCES

SP=

RS=

WBAN FORM 10A (REV. 11-1-60)

U.S. DEPARTMENT OF COMMERCE - WEATHER BUREAU

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 14 1986

Type (1)	Time (LST) (2)	Sky and ceiling (Hundreds of Feet) (3)	Visibility (Statute Miles) Surface (4)	Visibility Tower (4a)	Weather and obstructions to vision (5)	Sea level press. (Mba.) (6)	Temp. (°F) (7)	Dew pt. (°F) (8)	Wind Direction (9)	Wind Speed (Kts) (10)	Character and shifts (11)	Altimeter setting (Ins.) (12)	Remarks and supplemental coded data (13) (14a) (14b)	Observers initials (15)
SA	0050	200 - BKN	20			197	31	20	00	00		011	807 1001	CH
SA	0150	200 - BKN	20			197	31	20	35	03		011		CH
SA	0250	200 - BKN	20			192	32	20	00	00		011		CH
SA	0355	200 - BKN	20			195	29	20	01	03		010	803 1001 37 RAOAT 30055	JP
SA	0451	200 - SCT	20			196	31	20	08	05		010		JP
SA	0553	200 - SCT	20			203	30	20	31	03		011		JP
SA	0655	200 - SCT	20			207	30	19	34	03		011	103 1001	JP
SA	0754	200 - BKN	20			209	34	21	35	04		012		JP
SA	0855	200 - BKN	20			211	40	20	00	00		013		JP
SA	0952	200 - BKN	20			214	47	20	26	03		015	314 1001 37	JP
SA	1051	200 - BKN	20			202	50	19	36	03		013		JP
SA	1153	200 - BKN	20			190	53	18	10	07		010		JP
SA	1255	200 - BKN	20			184	54	17	14	09		007	734 1001	JP
SA	1353	100 SCT E200 BKN	20			185	53	20	13	06		007		JP
SA	1450	100 SCT E200 OVC	20			185	51	18	14	08		007		JP
SA	1549	100 SCT 200-OVC	20			187	51	20	15	08		007	400 1071 54 RAOAT 24096	AD
SA	1649	200 - BKN	20			191	45	21	15	05		007		AD
SA	1749	200 - BKN	20			200	42	24	12	09		010		AD
SA	1849	200 - BKN	20			205	40	21	11	08		011	310 1001	AD
SA	1949	200 - SCT	20			204	40	23	12	04		011		AD
SA	2049	200 - BKN	20			205	37	23	01	04		012		AD
SA	2149	200 - BKN	20			1202	35	23	06	04		012	103 1001 54	AD
SA	2249	200 - BKN	20			198	37	23	01	06		012		AD
SA	2349	200 - SCT	20			197	34	22	00	00		012		AD

A synoptic observation, in WMO code format FM13A, is entered on line following related aviation observation.

U.S. GOVERNMENT PRINTING OFFICE : 1961 O—580293

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 1 1986

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	26.690			63	8	8	Ci	200												3	8	.020			00-01
01 50	26.690			63	7															2					01-02
02 50	26.690			61	7															2					02-03
03 55	26.680			69	7	7	Ci	200												2	8	.010			03-04
04 57	26.650			63	3															1					04-05
05 53	26.690			66	2															1					05-06
06 55	26.690			63	4	4	Ci	200												1	1	.010			06-07
07 54	26.700			59	8															1					07-08
08 55	26.710			44	9															2					08-09
09 51	26.730			34	8	8	Ci	200												2	3	.040			09-10
10 51	26.710			29	8															2					10-11
11 53	26.680			25	9															2					11-12
12 55	26.660			23	9	9	Ci	200												1	7	.070			12-13
13 53	26.660			27	9															7					13-14
14 50	26.660			36	10															8					14-15
15 49	26.660			29	10	3	Ac	100	7	Ci	200	10								4	4	.000			15-16
16 49	26.660			38	6															2					16-17
17 49	26.680			49	6															2					17-18
18 47	26.690			46	6	6	Ci	200												2	3	.030			18-19
19 49	26.690			50	4															1					19-20
20 49	26.700			57	7															2					20-21
21 49	26.700			61	9	9	Ci	200												3	1	.010			21-22
22 49	26.700			57	8															3					22-23
23 49	26.700			61	5															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 63	PRECIP. (Ins.) 64	SNOW FALL (Ins.) 65	SNOW DEPTH (Ins.) 66	MAX. TEMP. (°F) 67	MIN. TEMP. (°F) 68	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		55	27										
	0351	1	0	0	0	40	27		0								
	0950	2	0	0	0	47	29		0								
	1545	3	0	0	0	54	47		0								
	2145	4	0	0	0	51	34		0								
	MID.		0	0	0	38	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.730	26.660	26.700
BAROGRAPH 64	26.670	26.710	26.650	26.690
BAR. CORR. 65	+.010	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	27	0	0	0	13	E	1158					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 06:48 SUNSET 16:29

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

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

TIME CHECK - CLOCK AT: 0400P (+) Sec./ 3100 (-)/ Sec./ ± Sec.

APOS REBOOT 0351P

2149/2149

SP=

RS=

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: DEC. 15, 1986

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)	OPERATORS INITIALS (15)
SA	0049	200 - SCT	20			191	32	22	12	05		010	807 1001	AD
SA	0149	200 - SCT	20			200	32	22	01	04		012		AD
SA	0249	120 SCT 200 - BKN	20			198	30	23	11	05		011		AD
SA	0352	120 SCT 200 - BKN	20			198	30	21	15	05		011	003 1071 39	/
/											RADAT	68L 034078		JP
SA	0454	120 SCT 300 - BKN	20			202	31	21	17	04		011		JP
SA	0553	100 SCT E 200 OVC	20			207	31	21	35	06		012		JP
SA	0654	100 SCT E 200 OVC	20			208	33	22	21	04		012	[illegible]	JP
SA	0756	100 SCT E 200 OVC	20			210	35	24	02	03		013		JP
SA	0855	100 SCT E 200 OVC	20			217	39	22	00	00		015	BINOVC RWU	JP
SA	0952	100 SCT E 200 OVC	20			220	43	23	12	06		016	314 1077 39	JP
SA	1055	50 SCT E 100 BKN 300 OVC	20			217	45	22	17	09		014	RWU 5	JP
SA	1156	60 SCT E 120 BKN 300 OVC	20			201	47	22	13	06		012		JP
SA	1255	M55 BKN 130 BKN 300 OVC	20			201	46	22	14	07		011	*617 1578 *RWU 5	JP
SA	1356	M45 BKN 130 OVC	20			205	46	30	12	11		012	RWU -	JP
SA	1450	M45 BKN 130 OVC	20		RW -	211	47	24	13	10		013	RB14	JP
SA	1549	45 SCT E120 BKN 200 OVC	20			207	43	35	12	10		012	*RE15/06300 1578 47	AD
/	/												RADAT 93078 *BINOVC OVHD	/
SA	1649	45 SCT E120 BKN 200 BKN	20			207	43	35	11	10		012		AD
SA	1749	45 SCT 120 SCT	20			215	42	35	11	08		014		AD
SA	1849	120 SCT	20			218	40	34	12	08		015	310 1070	AD
SA	1949	120 SCT	20			217	41	34	10	07		015		AD
SA	2049	E120 BKN	20			220	39	34	04	07		016		AD
SA	2149	120 SCT 200 - BKN	20			220	35	33	12	07		016	103 1071 47	AD
SA	2249	200 - SCT	20			217	39	34	03	06		016		AD
SA	2349	200 - SCT	20			217	37	32	08	05		016		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 (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA
DATE: DEC. 15, 1950
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.680			66	3	3	Ci	200												1	8	.020			00-01
01 49	26.700			66	5															2					01-02
02 49	26.690			75	9															4					02-03
03 52	26.690			69	7	2	Ac	120	5	Ci	200	7								3	0	010			03-04
04 54	26.690			66	8															3					04-05
05 53	26.700			66	10															8					05-06
06 54	26.700			64	10	1	Ac	100	10	CS	E200	10								9	1	010			06-07
07 56	26.710			64	10															10					07-08
08 55	26.730			50	10															9					08-09
09 52	26.740			45	10	3	Ac	100	10	CS	E200	10								10	2	040			09-10
10 55	26.720			40	10															10					10-11
11 56	26.700			37	10															10					11-12
12 55	26.690			38	10	7	Sc	M55	2	Ac	120	9	1	CS	200	10				10	6	050			12-13
13 56	26.700			53	10															10					13-14
14 50	26.710			73	10															10					14-15
15 49	26.700			73	10	4	Sc	45	4	Ac	E120	8	2	CS	200	10				9	0	.010			15-16
16 49	26.700			73	9															9					16-17
17 49	26.720			76	5															5					17-18
18 49	26.730			79	2	2	Ac	120												2	3	.030			18-19
19 49	26.730			76	3															3					19-20
20 49	26.740			83	6															6					20-21
21 49	26.740			92	6	2	Ac	120	4	Ci	200	6								2	1	.010			21-22
22 49	26.740			82	3															1					22-23
23 49	26.740			82	3															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	34	29	X	X						X		
	0350	1	0	0	0	38	29		0								
	0951	2	0	0	0	43	29		0								
	1545	3	T	0	0	47	42		0								
	2145	4	0	0	0	43	35		0								
	MID.	X	0	0	0	40	35	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	26.690	26.740	26.700	26.740
BAROGRAPH 64	26.675	26.715	26.685	26.720
BAR. CORR. 65	+.015	+.025	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	29	T	0	0	16	SE	1352					10	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1414	1515			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0651P SUNSET 1628

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: 0415P +1 SEC —— 1601P +1 SEC

0049/0049

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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: Dez. 16, 1986

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	200 - SCT	20			210	36	32	11	04		014	807 1001	AD
SA	0149	200 - SCT	20			210	36	32	11	05		014		AD
SA	0249	200 - SCT	20			213	34	31	33	05		014		AD
SA	0354	200 - SCT	20			209	33	31	06	03		013	803 1001 52	[illegible]
/	/												RADAT 43054	
SA	0453	E 120 BKN 200 BKN	20			209	34	31	10	07		013		[illegible]
SA	0556	E 120 BKN 200 BKN	20			211	37	32	11	03		014		[illegible]
SA	0654	E 120 BKN 200 BKN	20			213	41	31	04	10		015	327 1078	[illegible]
SA	0753	E 120 BKN 200 OVC	20			213	44	31	04	07		016	BINOVC	[illegible]
SA	0856	80 SCT E 120 BKN 200 OVC	20			216	45	31	04	08		016	BINOVC	[illegible]
SA	0953	80 SCT E 120 BKN 200 OVC	20			226	45	33	11	03		016	BINOVC [illegible]	[illegible]
/	/												1078 32	/
SA	1052	120 SCT E 200 OVC	20			213	50	31	11	05		016	BINOVC	[illegible]
SA	1156	120 SCT E 200 OVC	20			198	50	32	12	08		012	BINOVC	[illegible]
SA	1253	110 SCT E 200 OVC	20			195	50	31	12	07		011	624 1077	[illegible]
SA	1352	110 SCT E 200 OVC	20			187	51	32	12	10		008	BINOVC	[illegible]
SA	1452	110 SCT E 200 OVC	20			188	51	31	12	08		008	BINOVC	[illegible]
SA	1549	110 SCT E 150 BKN 220 OVC	20			190	51	31	11	08		008	BINOVC S / 607 1077 52	AD
/	/												RADAT 32086	/
SA	1649	110 SCT E 150 BKN 220 OVC	20			190	49	30	09	07		008	BINOVC S	AD
SA	1749	110 SCT E 150 BKN 220 OVC	20			189	48	29	09	06		008	BINOVC S	AD
SA	1849	150 SCT E 220 BKN	20			186	48	28	09	06		008	400 1022	AD
SA	1949	220 SCT	20			194	40	30	11	06		010		AD
SA	2049	220 - SCT	20			194	39	27	01	04		010		AD
SA	2149	220 - SCT	20			194	36	27	04	04		010	103 1001 52	AD
SA	2249	220 - SCT	20			196	36	27	02	04		011		AD
SA	2349	220 - SCT	20			197	34	27	05	05		011		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 $i_R i_x h VV$ 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
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 16, 1986

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.720			85	2	2	CI	200												0	8	.020			00-01
01 49	26.720			85	2															0					01-02
02 49	26.720			89	2															0					02-03
03 54	26.710			92	2	2	CI	200												2	3	.010			03-04
04 53	26.710			88	3															1					04-05
05 56	26.720			82	9															3					05-06
06 54	26.730			67	9	7	AC	E100	2	CS	200	9								2	3	.020			06-07
07 53	26.740			60	10															3					07-08
08 56	26.740			58	10															1					08-09
09 53	26.760			63	10	1	AC	80	7	AC	E100	8	2	CS	200	10				4	3	.030			09-10
10 53	26.740			48	10															3					10-11
11 56	26.700			50	10															3					11-12
12 53	26.690			48	10	1	AC	110	10	CS	E200	10								1	2	.010			12-13
13 52	26.670			48	10															4					13-14
14 52	26.670			46	10															3					14-15
15 49	26.670			46	10	2	AC	110	4	AC	E150	6	4	CS	220	10				9	6	.020			15-16
16 49	26.670			48	10															9					16-17
17 49	26.670			48	10															9					17-18
18 49	26.670			46	8	3	AS	150	5	CI	E220	8								5	4	.000			18-19
19 49	26.680			67	4															3					19-20
20 49	26.680			62	3															1					20-21
21 49	26.680			69	3	3	CI	220												1	1	.010			21-22
22 49	26.690			69	2															0					22-23
23 49	26.690			75	2															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GROUND 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0332		0	0		37	32										
	0332	1	0	0	0	40	32		0								
	0950	2	0	0	0	45	32		0								
	1545	3	0	0	0	52	45		0								
	2145	4	0	0	0	51	36		0								
	MID.		0	0	0	38	34										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59 / ACT. THERM. 60	[illegible]	[illegible]	[illegible]	[illegible]
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.700	26.670	26.680
BAROGRAPH 64	26.700	26.700	26.660	26.680
BAR. CORR. 65	[illegible]	[illegible]	+.010	Ø

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
52	32	0	0	0	14	NE	0838					10	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0649 SUNSET 1630

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: 0330P +2 SEC — 1559 +1 SEC.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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 N[illegible]

DATE: Dec. 17, 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			197	34	27	12	05		011	103	AD
SA	0149	220 - BKN	20			188	40	28	08	04		010		AD
SA	0249	220 - BKN	20			186	44	28	05	10		010		AD
SA	0352	E 120 BKN	20			186	45	27	04	11		010	603 1070 33 RADAT 65085	[illegible]
SA	0451	75 SCT	20			189	42	27	04	09		010		[illegible]
SA	0551	CLR	20			192	44	26	04	10		011		[illegible]
SA	0652	CLR	20			198	40	27	09	05		012	307 1071	[illegible]
SA	0754	CLR	20			202	45	26	03	11		013		[illegible]
SA	0854	CLR	20			207	47	25	04	13		014	FEW SC AC CI	[illegible]
SA	0953	CLR	20			202	51	25	01	07		013	003 1501 33	[illegible]
SA	1053	CLR	20			198	54	26	02	11		012	FEW SC	[illegible]
SA	1150	CLR	20			182	56	27	02	09		008	FEW SC	[illegible]
SA	1253	CLR	20			173	58	27	16	04		005	824 1400	[illegible]
SA	1356	CLR	20			166	58	27	16	03		004	FEW SC	[illegible]
SA	1452	CLR	20			160	58	27	12	07		003	FEW SC	[illegible]
SA	1555	CLR	20			164	56	28	13	10		004	503 59 RADAT 51083	WRG
SA	1653	CLR	20			171	51	28	12	07		005		WRG
SA	1752	CLR	20			182	46	29	12	08		007		WRG
SA	1852	CLR	20			188	44	28	34	06		008	112	WRG
SA	1952	CLR	20			187	40	28	09	03		008		WRG
SA	2050	CLR	20			188	41	28	09	04		009		WRG
SA	2150	CLR	20			189	40	28	04	03		010	205 59	WRG
SA	2252	CLR	20			190	36	28	00	00		010		WRG
SA	2352	CLR	20			189	36	28	06	04		010		WRG

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

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

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

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

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WENDO, DESERT ROCK NEVADA
DATE: DEC. 17, 1986
To convert L.ST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.690			75	0															0	1	.010			00-01
01 49	26.680			62	6															2					01-02
02 49	26.680			53	6															2					02-03
03 52	26.680			49	7	7	AC	120												7	6	.010			03-04
04 51	26.680			55	1															1					04-05
05 51	26.690			49	0															0					05-06
06 52	26.700			60	0	0	AC	120	0	CI	250	0								0	3	.020			06-07
07 54	26.705			41	0															0					07-08
08 54	26.720			42	0																				08-09
09 53	26.710			36	0	0	SC	70	0	CI	250	0								0	0	.010			09-10
10 53	26.700			34	0															0					10-11
11 50	26.660			33	0															0					11-12
12 55	26.640			30	0	0	SC	70												0	8	.070			12-13
13 56	26.630			30	0															0					13-14
14 52	26.620			30	0															0					14-15
15 55	26.630			33	0															0	5	.010			15-16
16 53	26.640			41	0															0					16-17
17 52	26.660			50	0															0					17-18
18 52	26.665			54	0															0	1	.035			18-19
19 52	26.665			63	0															0					19-20
20 50	26.675			61	0															0					20-21
21 50	26.680			62	0															0	2	.015			21-22
22 52	26.680			73	0															0					22-23
23 52	26.680			73	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	46	33	X	X						X		
	0348	1	0	0	0	46	33		0								
	0949	2	0	0	0	51	39		0								
	1551	3	0	0	0	59	51		0								
	2146	4	0	0	0	56	38		0								
	MID.	X	0	0	0	40	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1553	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.710	26.630	26.680
BAROGRAPH 64	26.670	26.710	26.630	26.680
BAR. CORR. 65	+.010	*0	±0.0	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4/APR SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
59	33	0		0	19	NE	0757					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0650 SUNSET 1630

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: 0800P - 1SEC 2244P ±0

* BAROGRAPH CHANGED - RESET TO ±.0 CORR.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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: DEC 18 1986

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 QUALITY (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OPERATOR INITIALS (15)
SA	0052	CLR	20			189	34	28	06	04		010	400 1005	WRG
SA	0152	CLR	20			193	33	28	00	00		011	FEW CI SW	WRG
SA	0250	250 -SCT	20			191	35	28	11	05		011		WRG
SA	0350	230 - BKN	20			190	33	28	36	04		010	000 1076 32 RADAT 63078	[illegible]
SA	0455	230 - BKN	20			193	33	28	12	04		010	FEW AC	[illegible]
SA	0551	150 SCT 230 - BKN	20			200	33	28	27	04		011		[illegible]
SA	0657	E140 BKN 230 OVC	20			209	34	28	06	05		013	BINOVC / 310 1078	[illegible]
SA	0752	E140 OVC	20			208	39	30	10	04		013	BINOVC	[illegible]
SA	0850	E140 BKN 230 OVC	20			209	42	30	31	05		014	BINOVC	[illegible]
SA	0950	140 SCT E230 OVC	20			210	48	30	04	02		015	BINOVC / 307 1076 32	[illegible]
SA	1051	140 SCT E200 BKN	20			202	52	30	13	03		013		[illegible]
SA	1153	140 SCT 200 SCT	20			190	55	31	14	08		010		[illegible]
SA	1256	90 SCT 140 SCT 200 SCT	20			182	55	31	13	08		008	724 1478	[illegible]
SA	1352	90 SCT 140 SCT 200 SCT	20			175	55	31	13	08		005		[illegible]
SA	1451	90 SCT 150 SCT 230 SCT	20			171	53	30	12	09		004		[illegible]
SA	1552	90 SCT 140 SCT 200 SCT	20			173	52	30	14	07		004	610 1478 56 RADAT 82076	WRG
SA	1652	70 SCT 120 SCT 200 SCT	20			178	51	30	13	09		005		WRG
SA	1752	70 SCT 120 SCT 200 - BKN	20			182	46	30	12	09		006		WRG
SA	1852	70 SCT E120 BKN 200 BKN	20			186	45	31	11	07		007	204 1478	WRG
SA	1952	M65 BKN 120 BKN	20			182	47	31	12	11		007		WRG
SA	2050	M 65 BKN 120 OVC	20			184	46	32	11	08		008		WRG
SA	2152	M60 BKN 120 OVC	20			182	45	32	02	03		008	103 147/ 56	WRG
SA	2252	M65 OVC	20			179	45	32	11	10		008		WRG
SA	2352	M 65 OVC	20			175	46	32	12	07		007		WRG

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7ww_1W_1W_2$ $8N_hC_LC_MC_H$ 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

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	SUM-MA-TION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM-MA-TION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL C. OPAQUE SKY COVER 36	PRES-SURE TEND-EN-CY 37	NET 3-HR. CHANGE (Ins.) 38	SUN-SHINE (Min.) 39	PRECI-PITATION (Ins.) 40	HR.
00 52	26.680			78	0	0	CI	250												0	4	.000			00-01
01 52	26.690			79	0															0					01-02
02 50	26.690			74	4															1					02-03
03 50	26.680			82	8	0	AC	140	8	CS	230	8								3	0	.000			03-04
04 55	26.680			82	8															3					04-05
05 51	26.690			82	9															3					05-06
06 57	26.710			78	10	9	AC	E140	1	CS	230	10								7	3	.030			06-07
07 52	26.710			70	10															8					07-08
08 50	26.720			62	10															8					08-09
09 50	26.730			50	10	3	AC	140	8	CS	E230	10								7	3	.020			09-10
10 51	26.710			45	8															8					10-11
11 53	26.680			40	5															5					11-12
12 56	26.660			40	4	1	SC	90	2	AC	140	3	1	CS	200	4				4	7	.070			12-13
13 52	26.640			40	4															4					13-14
14 51	26.630			41	2															2					14-15
15 52	26.630			43	5	3	SC	90	1	AC	140	4	1	CS	200	5				4	6	.030			15-16
16 52	26.640			44	5															5					16-17
17 52	26.645			55	6															3					17-18
18 52	26.655			58	8	4	SC	70	2	AC	E120	6	2	CS	200	8				6	2	.025			18-19
19 52	26.655			55	9															9					19-20
20 50	26.665			58	10															10					20-21
21 52	26.665			59	10	8	SC	M60	2	AC	120	10								10	1	.010			21-22
22 52	26.665			59	10															10					22-23
23 52	26.660			59	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	37	32	X	X						X		
	0345	1	0	0	0	40	32		0								
	0945	2	0	0	0	49	32		0								
	1546	3	0	0	0	56	48		0								
	2148	4	0	0	0	52	44		0								
	MID.	X	0	0	0	46	45	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	26.680	26.730	26.630	26.665
BAROGRAPH 64	26.685	26.730	26.630	26.665
BAR. CORR. 65	-.005	0	±0.0	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DI-REC-TION 72	PEAK WIND TIME (L.S.T.) 73	THICK-NESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUN-RISE TO SUNSET 78	SKY COVER MID-NIGHT TO MID-NIGHT 79	WATER EQUIV. (Ins.) 80	81
56	32	0	0	4 AM 0	13	SE	1330					7	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0650 SUNSET 1630

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/1847P/

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: [illegible], DESERT ROCK NEVADA

DATE: DEC 19 1986

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. REMARKS (15)
SA	0052	M75 BKN 120 OVC	20			176	44	33	07	03		007	602 147/	WRG
SA	0152	E90 BKN	20			176	44	33	00	00		007		WRG
SA	0250	90 SCT E140 BKN	20			179	40	32	09	05		007		WRG
SA	0353	M65 OVC	20			178	44	33	02	04		008	BINOVC/400 15// 40	WRG
—	—												RADAT 87076	—
SA	0450	M65 OVC	20			174	44	33	18	03		007		WRG
SA	0551	M55 OVC	20			183	42	34	05	05		008	BINOVC	WRG
SA	0656	M55 OVC	20		189	182	40	34	31	03		009	VIRGA W/303 14//	WRG
SA	0753	M45 BKN 65 OVC	20			185	44	34	03	04		009	RWU SW	WRG
SA	0855	M38 BKN 65 OVC	20		RW-	188	46	36	34	05		010	RB50 VRY LGT	WRG
SA	0957	M38 BKN 65 OVC	20			187	48	37	10	02		010	BINOVC RE35/10301 18//	WRG
—	—	41											40	—
SA	1051	40 SCT E65 BKN	20			174	50	37	32	05		007		WRG
SA	1150	40 SCT 60 SCT E120 BKN	20			160	53	36	13	04		003		WRG
SA	1254	M45 BKN 120 OVC	20			155	52	36	16	05		001	TCU NW AND NE/727 137/	WRG
SA	1356	45 SCT 120 SCT E250 OVC	20			144	52	36	14	09		998	TCU NE	WRG
SA	1455	M43 BKN 120 BKN 250 OVC	20			147	51	36	13	06		998	RWU SE	WRG
SA	1552	M45 BKN 120 BKN 250 OVC	20			140	50	37	13	07		996	RWU E/714 1178 55	WRG
							C						RADAT 98073	
SA	1652	45 SCT E90 BKN 120 OVC	20			141	49	38	12	06		996	RWU ALADS	WRG
SA	1752	M38 OVC	10		RW-	152	45	42	12	07		998	RB25	WRG
SA	1852	38 SCT M55 OVC	15			151	45	42	09	06		998	RE38/00502 17//	WRG
SA	1952	40 SCT E100 BKN 200 BKN	20			150	45	43	12	05		998		WRG
SA	2050	M65 OVC	20			145	45	43	06	06		997		WRG
SA	2152	M50 OVC	20			144	44	42	09	04		997	6 80302 15// 55	WRG
SA	2252	50 SCT E90 OVC	20			138	45	42	09	05		996		WRG
SA	2352	M65 OVC	20			135	44	42	13	03		995		WRG

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: DEC 19 1986

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	26.660			64	10	7	SC	M75	3	AC	120	10								10	6	.005			00-01
01 52	26.660			64	8															8					01-02
02 50	26.660			74	8															7					02-03
03 53	26.660			65	10	10	SC	M65												9	4	.000			03-04
04 50	26.650			65	10															9					04-05
05 51	26.660			73	10															9					05-06
06 56	26.670			79	10	10	SC	M55												9	3	.010			06-07
07 53	26.670			68	10															9					07-08
08 53	26.680			68	10															9					08-09
09 54	26.680			66	10	6	CU	M41	7	SC	65	10								9	1	.010			09-10
10 51	26.650			61	9															8					10-11
11 50	26.620			52	6															6					11-12
12 51	26.600			54	10	7	CU	M45	3	AC	120	10								9	7	.080			12-13
13 56	26.570			54	10															7					13-14
14 55	26.570			56	10															8					14-15
15 52	26.560			60	10	6	CU	M45	2	AC	120	8	2	CS	250	10				9	7	.040			15-16
16 52	26.560			66	10															9					16-17
17 52	26.580			90	10															10					17-18
18 52	26.575			86	10	3	CUFRA	38	7	SC	M50	10								10	0	.015			18-19
19 52	26.575			93	9															8					19-20
20 50	26.565			91	10															10					20-21
21 52	26.565			92	10	10	SC	M50												10	6	.010			21-22
22 52	26.555			92	10															10					22-23
23 52	26.550			92	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	46	40	X	X						X		
	0348	1	0	0	0	46	40		0								
	0950	2	.01	0	0	48	40		1								
	1548	3	0	0	0	55	48		0								
	2148	4	.02	0	0	50	44		1								
	MID.	X	0	0	0	45	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1550	2150
ATY. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.680	26.560	26.565
BAROGRAPH 64	26.660	26.675	26.555	26.560
BAR. CORR. 65	0	+.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
55	40	.03	0	0	16	E	1817					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0850	0935			
RW-	1725	1838			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0651 SUNSET 1631

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: 1045SP/1944 /

0656/0655 0954/0953 2152/2151 1852/1511 /0900-20

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: DEC 20 1986

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

	TYPE	TIME	SKY AND CEILING	VISIBILITY (Miles)	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS	TEMP	DEW	WIND		ALTIMETER SET		
	SP	0015	M 18 BKN 65 OVC	15			44	42	05	03	995		
	SA	0052	M 18 BKN 65 OVC	10	RW-	132	44	42	00	00	994	RB33/ 70800 15//	WRG
	SP	0128	18 SCT M 38 BKN 65 OVC	10	RW-		43	43	10	06	994		WRG
	RS	0152	M 17 BKN 38 OVC	10	RW-	132	43	43	12	08	994		WRG
	RS	0250	17 SCT M 35 OVC	10	RW-	132	43	43	32	05	994		WRG
	SA	0350	16 SCT M45 BKN 230 OVC	10		130	42	40	02	09	993	AE02/80310 1407 42	WRG
	—	—										20013 RADAT 94066	—
	RS	0451	M20 BKN 45 OVC	10	RW-	135	42	40	04	10	994	RB38	WRG
	SA	0554	M15 OVC	10	RW-	145	41	40	03	08	997		WRG
	SP	0650	7 SCT M17 OVC	5	R-F				05	05	999		WRG
	SA	0653	7 SCT M17 OVC	5	R-F	153	41	40	05	06	999	31705 17//	WRG
	SA	0750	5 SCT M19 OVC	5	R-F	159	41	40	04	07	000		WRG
	SA	0850	5 SCT M19 OVC	5	R-F	168	41	39	03	10	003		WRG
RS	SA	0950	5 SCT M 14 BKN 25 OVC	5	R-F	177	41	40	02	09	005	22014 17// 41	WRG
	SA	1053	10 SCT M 14 BKN 26 OVC	10	R-	175	43	40	02	05	005	BINOVC N PCPN VRY LGT	WRG
	SP	1119	10 SCT 14 SCT M 26 OVC	20					11	05	005	BINOVC	WRG
	RS	1150	10 SCT M 38 OVC	20		167	44	41	11	07	003	BINOVC RE09	WRG
	SA	1254	15 SCT M 38 OVC	20		166	46	41	12	08	003	BINOVC/60702 15//	WRG
	SA	1352	15 SCT M 38 OVC	20		167	49	40	13	09	004	BINOVC	WRG
	SA	1451	20 SCT M 50 BKN	20		174	48	41	13	08	005		WRG
	SA	1552	50 SCT 120 SCT	20		176	49	41	12	09	006	21002 147050 RADAT 68075	WRG
	SA	1652	E50 BKN 120 BKN	20		189	47	41	10	07	010		WRG
	SA	1752	50 SCT 120 SCT	20		198	48	37	05	12	012		WRG
	SA	1852	120 SCT	20		201	42	38	00	00	012	117 107D	WRG
	SA	1952	CLR	20		206	45	36	04	07	014	TCU AC SE	WRG
	SA	2050	CLR	20		216	44	36	07	10	016		WRG
	SA	2150	CLR	20		224	42	35	00	00	018	220 50	WRG
	SA	2250	CLR	20		225	44	35	08	09	019		WRG
	SA	2352	CLR	20		231	41	36	08	05	021		WRG

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

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

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

☆U.S.GPO.1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WBMO, DESERT ROCK, NEVADA

DATE: DEC 20 1986

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	26.540			93	10	6	CUFRA	M18	4	SC	65	10								10	7	.025			00-01
01 52	26.540			100	10															10					01-02
02 50	26.540			99	10															10					02-03
03 50	26.530			93	10	2	CUFRA	16	5	SC	M45	7	10	CS	230	10				8	8	.010			03-04
04 51	26.540			93	10															10					04-05
05 54	26.560			96	10															10					05-06
06 55	26.580			96	10	3	CUFRA	7	10	CUFRA	M17	10								10	3	.050			06-07
07 50	26.595			96	10															10					07-08
08 50	26.620			92	10															10					08-09
09 50	26.640			96	10	1	CUFRA	5	5	CUFRA	M14	6	10	CUFRA	25	10				10	2	.060			09-10
10 53	26.640			89	10															9					10-11
11 50	26.620			89	10															8					11-12
12 54	26.620			83	10	3	CUFRA	15	7	SC	M38	10								9	6	.020			12-13
13 52	26.625			77	10															8					13-14
14 51	26.640			77	9															9					14-15
15 52	26.650			74	5	3	SC	50	2	AC	120	5								5	2	.030			15-16
16 52	26.680			78	7															7					16-17
17 52	26.700			64	5															5					17-18
18 52	26.700			87	1	1	AC	120												1	1	.050			18-19
19 52	26.720			77	0															0					19-20
20 50	26.740			75	0															0					20-21
21 50	26.760			77	0															0	2	.060			21-22
22 50	26.770			70	0															0					22-23
23 52	26.790			80	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 0346		.10	0		45	42										
	0346	1	.10	0	0	45	42		2								
	0946	2	.14	0	0	42	41		2								
	1548	3	.02	0	0	50	41		1								
	2146	4	0	0	0	50	42		1								
	MID.		0	0	0	45	41										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.640	26.650	26.760
BAROGRAPH 64	26.520	26.635	26.660	26.755
BAR. CORR. 65	+.010	+.005	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
50	41	0.26	0	0	14	NE	2009					9	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0033	0302			
RW-	0438	0645			
R-	0645	1109			
F	0645	1040			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0652P SUNSET 1631P

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 0630P/ 2041P/

0950/0949

☆ 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: DEC

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. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			238	43	34	00	00		021	107	RG
SA	0152	CLR	20			235	41	33	14	05		023		RG
SA	0250	CLR	20			236	40	33	23	03		023		RG
SA	0358	CLR	20			242	39	32	29	04		024	312 38 20016 RAWT 58077	EP
SA	0451	CLR	20			243	42	31	09	12		025		EP
SA	0551	CLR	20			251	40	31	05	05		027		EP
SA	0653	CLR	20			259	42	31	09	08		028	312 1007	EP
SA	0750	CLR	20			260	41	31	04	10		029		EP
SA	0853	CLR	20			258	46	30	04	13		029		EP
SA	0955	CLR	20			266	48	29	04	13		032	310 ~~38~~ 1007 38	EP
SA	1052	CLR	20			258	50	30	05	12		031		EP
SA	1151	CLR	20			251	52	30	01	12		028		EP
SA	1252	250 - BKN	20			243	54	27	02	08		026	817 1001	EP
SA	1352	250 - SCT	20			235	55	28	06	08		024		EP
SA	1453	250 - SCT	20			231	55	27	10	08		023		EP
SA	1553	250 - SCT	20			229	54	26	09	08		022	614 1001 56 RAWT 20102	JC
SA	1650	CLR	20			234	50	26	09	10		023		JC
SA	1754	CLR	20			244	44	32	05	08		024		JC
SA	1850	CLR	20			244	46	27	05	10		025	210 1001	JC
SA	1954	CLR	20			247	43	29	06	05		025		JC
SA	2053	CLR	20			248	43	30	05	09		026		JC
SA	2153	CLR	20			251	39	30	04	08		027	307 56	JC
SA	2254	250 - SCT	20			250	41	28	05	06		027		JC
SA	2355	250 - SCT	20			241	41	28	07	09		025		JC

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

FM12-VII: IIiii $i_R i_x h VV$ 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 1-10A (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: [illegible] MO, DESERT ROCK NEVADA

DATE: DEC 21 1986

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	26.780			72	0																				00-01
01 52	26.800			75	0															0	1	.020			01-02
02 50	26.800			77	0															0					02-03
03 58	26.815			76	0															0					03-04
04 51	26.820			65	0															0	3	.035			04-05
05 51	26.840			70	0															0					05-06
06 53	26.850			65	0	0	CS	250												0					06-07
07 50	26.860			67	0															0	3	.035			07-08
08 53	26.860			54	0															0					08-09
09 55	26.880			48	0	0	CS	250												0					09-10
10 52	26.870			46	0															0	3	.030			10-11
11 51	26.850			43	0															0					11-12
12 52	26.830			35	7	7	CI	250												0					12-13
13 52	26.810			35	2															1	4	[illegible]			13-14
14 53	26.800			34	3															0					14-15
15 53	26.790			34	1	1	CI	250												0					15-16
16 50	26.800			39	0															0	6	.040			16-17
17 54	26.810			63	0															0					17-18
18 55	26.820			51	0	0	CI	250												0					18-19
19 54	26.820			58	0															0	2	.020			19-20
20 53	26.830			60	0															0					20-21
21 53	26.840			70	0															0					21-22
22 54	26.840			60	2															0	3	.020			22-23
23 55	26.820			60	4															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	44	38	X	X						X		
	0350	1	0	0	0	45	38		1								
	0950	2	0	0	0	48	39		0								
	1547	3	0	0	0	56	48		0								
	2148	4	0	0	0	54	38		0								
	MID.	X	0	0	0	42	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1549	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.815	26.880	26.790	26.840
BAROGRAPH 64	26.820	26.880	26.790	26.840
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 UNALTD (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
56	37	0	0	0	19	NE	0937					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 0652 SUNSET 1632

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: 1058/2P/2306P/

* 10:00 BARROGRAPH CHANGED

0955/0955 0653/1008/1800 1-1

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

STATION **WSMO, DESERT ROCK, NEVADA**

DATE DEC 22 1986

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	0055	250-SCT	20			240	40	27	28	03		025	707 1001	JC
SA	0157	250-SCT	20			245	37	27	01	06		026		JC
SA	0255	250-BKN	20			247	35	27	34	03		026		JC
SA	0355	250-SCT	20			239	35	27	30	07		024	803 1001 34 RADAT 20100	EP
SA	0451	250-SCT	20			244	32	27	06	07		024		EP
SA	0558	250-SCT	20			250	33	26	35	05		025		EP
SA	0652	250-SCT	20			255	32	25	05	05		026	307 1001	EP
SA	0752	250-BKN	20			256	37	28	00	00		027		EP
SA	0852	E220 BKN	20			254	42	28	05	05		027		EP
SA	0954	E220 BKN	20			252	47	25	05	05		027	103 1002 ~~47~~ 31	EP
SA	1051	E220 BKN	20			242	46	25	11	05		024		EP
SA	1151	220-BKN	20			229	50	26	20	05		021		EP
SA	1254	220-BKN	20			220	52	25	07	03		018	727 1001	EP
SA	1352	~~E250 BKN~~ 250-OVC	20			215	52	25	13	10		016		EP
SA	1452	250-OVC	20			215	51	24	12	10		016		EP
SA	1553	250-OVC	20			217	49	25	12	10		016	607 100153 RADAT 20114	JC
SA	1655	E250 OVC	20			220	45	29	12	08		016		JC
SA	1756	E250 OVC	20			221	43	30	11	07		016		JC
SA	1857	E250 BKN	20			222	43	29	03	06		016	400 1008	JC
SA	1955	E250 OVC	20			220	41	30	06	04		016		JC
SA	2057	E250 OVC	20			217	40	32	10	05		016		JC
SA	2153	E250 OVC	20			214	40	32	08	04		016	400 100753	JC
SA	2257	E250 OVC	20			211	40	32	04	03		015		JC
SA	2356	E250 OVC	20			205	40	32	05	02		014		JC

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 29 1986

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	HEIGHT CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.820			59	3	3	Ci	250																	00-01
01 54	26.830			67	4															0	7	.020			01-02
02 53	26.830			72	6															0					02-03
03 55	26.810			72	3	3	Ci	250												1					03-04
04 51	26.810			82	3															0	8	.010			04-05
05 58	26.820			75	1															0					05-06
06 52	26.830			75	2	2	Ci	250												0					06-07
07 52	26.840			70	9															0	3	.020			07-08
08 52	26.840			57	9															1					08-09
09 54	26.840			42	9	9	Ci	220												7					09-10
10 51	26.815			44	9															7	1	.010			10-11
11 51	26.785			39	9															7					11-12
12 54	26.760			35	9	9	Ci	220												3					12-13
13 52	26.745			35	10															2	7	.080			13-14
14 52	26.740			35	10															2					14-15
15 53	26.740			39	10	10	Ci	250												5					15-16
16 53	26.740			53	10															4	6	.020			16-17
17 56	26.740			60	10															8					17-18
18 54	26.740			58	9	9	Cs	4260												10					18-19
19 53	26.740			65	10															9	4	.020			19-20
20 53	26.740			73	10															10					20-21
21 53	26.740			73	10	10	Cs	4260												10					21-22
22 52	26.730			73	10															10	4	.000			22-23
23 52	26.730			73	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		42	34										
	0351	1	0	0	0	42	34		0								
	09.50	1	0	0	0	47	71		0								
	12.45	1	0	0	0	53	70		0								
	2149	1	0	0	0	49	39		0								
	MID.		0	0	0	41	38										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.840	26.740	26.740
BAROGRAPH 64	26.810	26.840	26.740	26.740
BAR. CORR. 65	0	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	31	0	0	0	12	SE	1508					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0653 SUNSET 1632

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: 10/30 ±0/2336P /

1352/1352

0954 24HR MIN TEMP /23/0430

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 DEC 23 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0054	E200 BKN	20			201	38	32	03	04		013	210 1008	JC
SA	0155	E200 OVC	20			201	38	30	01	06		013		JC
SA	0252	E200 OVC	20			197	38	29	36	02		012		JC
SA	0356	120 SCT E200 OVC	20			194	39	30	02	05		011	807 1027 37 RADAT 47407096	EP
SA	0453	120 SCT E200 OVC	20			193	39	31	19	03		010		EP
SA	0551	120 SCT E200 OVC	20			195	38	32	11	03		010		EP
SA	0653	120 SCT E200 OVC	20			198	39	31	32	06		011	500 1027	EP
SA	0751	120 SCT E220 BKN	20			199	39	31	09	05		011		EP
SA	0851	120 SCT E220 BKN	20			199	44	29	12	04		011		EP
SA	0955	140 SCT E220 BKN	20			195	50	26	34	05		011	102 1031 37	EP
SA	1054	150 SCT E220 BKN	20			188	52	23	02	07		010		EP
SA	1151	150 SCT E220 BKN	20			179	53	25	02	11		007		EP
SA	1252	E150 OVC	20			176	53	25	03	08		005	717 1030/	EP
SA	1352	E140 BKN 220 OVC	20			169	53	26	02	09		004		EP
SA	1452	E120 OVC	20			174	52	26	01	10		005		EP
SA	1553	E100 OVC	20			178	52	26	04	09		007	302 107/ 54 RAWAT 44030	JC
SA	1657	E100 BKN	20			183	49	24	06	07		008		JC
SA	1756	100 SCT	20			188	47	27	05	09		009		JC
SA	1854	100 SCT	20			193	44	28	06	07		010	210 1070	JC
SA	1957	CLR	20			197	46	27	17	02		011		JC
SA	2056	CLR	20			195	44	27	01	08		011		JC
SA	2153	CLR	20			195	42	26	08	05		012	207 54	JC
SA	2256	CLR	20			197	42	25	08	04		013		JC
SA	2358	CLR	20			192	41	25	04	10		013		JC

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

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

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

U.S. GPO 1984-0-764-006/6885

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVAD.

DATE: DEC 23 1986

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

TIME (LST) 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 PR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.710			79	9	9	CS	4200												9	7	.030			00-01
01 55	26.710			73	10															10					01-02
02 52	26.700			70	10															10					02-03
03 56	26.690			70	10	4	AS	120	10	CS	E200	10								10	8	.020			03-04
04 53	26.680			73	10															10					04-05
05 51	26.685			79	10															10					05-06
06 53	26.690			73	10	3	AS	120	10	CS	E200	10								10	5	.000			06-07
07 51	26.690			73	9															6					07-08
08 51	26.695			55	9															6					08-09
09 55	26.695			39	8	3	AC	140	5	CI	E220	8								6	1	.005			09-10
10 54	26.680			32	8															6					10-11
11 51	26.660			34	7															5					11-12
12 52	26.645			34	10	10	AC	E150												9	7	.050			12-13
13 52	26.630			35	10															9					13-14
14 52	26.640			36	10															10					14-15
15 53	26.650			36	10	10	AC	E100												10	3	.005			15-16
16 54	26.660			46	9															7					16-17
17 56	26.670			46	4															3					17-18
18 54	26.680			53	1	1	AC	140												1	2	.030			18-19
19 52	26.690			47	0															0					19-20
20 56	26.690			51	0															0					20-21
21 53	26.700			53	0															0	2	.020			21-22
22 56	26.710			51	0															0					22-23
23 58	26.710			53	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		42	37										
	0351	1	0	0	0	42	37		0								
	0951	2	0	0	0	50	38		0								
	[illegible]	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]								
	2148	4	0	0	0	52	39		0								
	MID.		0	0	0	42	39										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
SEA PRESS. 63	[illegible]	[illegible]	[illegible]	[illegible]
BAROGRAPH 64	26.690	26.690	26.690	26.705
BAR. CORR. 65	0	+.005	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	37	0	0	0	12	NE	1208					9	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0653 SUNSET 1633

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: 1056 to 2302P

1252/103/1930

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK [illegible]

DATE DEC 24 1986

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 HARD ACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0056	CLR	20			200	39	25	07	08		013	103	JC
SA	0155	CLR	20			201	43	22	06	09		014		JC
SA	0252	CLR	20			202	41	22	05	07		014		JC
SA	0356	CLR	20			194	41	22	04	09		012	803 39 RADAT 48068	HS
SA	0450	CLR	20			205	38	23	03	11		014		HS
SA	0554	CLR	20			204	37	23	05	11		013		HS
SA	0651	~~CLR~~ 250-SCT	20			205	39	22	04	12		013	003 1001	HS
SA	0751	250-BKN	20			203	40	22	03	12		013		HS
SA	0850	250-BKN	20			210	43	22	05	13		015		HS
SA	0952	E250 BKN	20			205	46	23	06	11		014	003 1008 37	HS
SA	1058	E250 BKN	20			201	47	22	01	07		013		HS
SA	1150	250SCT	20			189	48	23	03	09		010		HS
SA	1250	250SCT	20			173	52	23	15	05		005	827 1008	HS
SA	1352	250-SCT	20			163	53	21	26	03		003		HS
SA	1450	250 SCT	20			159	53	20	25	04		002		HS
SA	1552	250 SCT	20			162	50	20	21	05		002	610 1008 54 RADAT 22096	WRG
SA	1652	250 SCT	20			166	45	26	00	00		002		WRG
SA	1752	250 SCT	20			173	41	29	11	04		003		WRG
SA	1852	250 SCT	20			178	37	29	11	04		004	307 1008	WRG
SA	1952	CLR	20			184	35	28	08	06		005		WRG
SA	2050	CLR	20			185	36	27	01	04		006		WRG
SA	2152	CLR	20			189	34	26	12	03		008	212 54	WRG
SA	2252	CLR	20			192	37	24	07	07		009		WRG
SA	2352	CLR	20			189	39	23	06	06		009		WRG

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7ww$W_1 W_2$ $8N_h C_L C_M C_H$ 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: DEC 24 1986

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	26.710			57	0																				00-01
01 58	26.720			43	0															0	1	.010			01-02
02 52	26.720			47	0															0					02-03
03 56	26.700			46	0															0					03-04
04 50	26.720			54	0															0	8	.010			04-05
05 54	26.710			56	0															0					05-06
06 51	26.710			50	5	5	Ci	250												0					06-07
07 51	26.710			49	8															1	0	.010			07-08
08 50	26.730			44	8															1					08-09
09 52	26.720			39	9	9	Cs	E250												1					09-10
10 58	26.710			37	9															5	0	.010			10-11
11 50	26.680			36	5															6					11-12
12 50	26.640			33	1	1	Cs	250												3					12-13
13 52	26.620			28	1															1	8	.080			13-14
14 50	26.610			28	1															0					14-15
15 52	26.610			31	5	5	Cs	250												1					15-16
16 52	26.610			47	5															4	6	.030			16-17
17 52	26.620			62	5															5					17-18
18 52	26.630			75	1	1	Cs	250												5					18-19
19 52	26.640			76	0															1	3	.020			19-20
20 50	26.650			70	0															0					20-21
21 52	26.665			74	0															0					21-22
22 52	26.675			59	0															0	2	.035			22-23
23 52	26.675			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 PM	X			X			X	X						X		
	0354	1	0	0		42	39										
	0354	1	0	0	0	42	39		0								
	0950	2	0	0	0	46	37		0								
	1548	3	0	0	0	54	46		0								
	2148	4	0	0	0	50	33		0								
	MID.	X	0	0	0	42	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.720	26.610	26.665
BAROGRAPH 64	26.715	26.725	26.610	26.660
BAR. CORR. 65	-.015	-.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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	33	0	0	0	16	NE	0923					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0654 SUNSET 1633

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: 10850P / 2313P /

0651/0651

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

☆ U.S. Government Printing Office: 1986—654-363

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: DEC 25 1986

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 (Tenths) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND GUSTS (Knots) (11)	ALTIMETER SETTING (Tenths) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0052	CLR	20			188	36	24	36	07		009	103	WRG
SA	0152	CLR	20			191	40	21	07	08		011		WRG
SA	0250	CLR	20			190	41	20	05	12		011		WRG
SA	0351	CLR	20			194	40	20	02	13		011	105 34 RADAT 43065	HS
SA	0451	CLR	20			201	36	21	02	11		012		HS
SA	0551	CLR	20			211	37	20	03	08		014		HS
SA	0652	CLR	20			221	37	20	03	13		016	ϰ CI SW 217 1001	HS
SA	0754	250 - SCT	20			225	40	20	04	14		017		HS
SA	0850	250 - SCT	20			231	42	20	04	15		020		HS
SA	0953	250 - BKN	20			233	46	19	04	14		021	214 1001 34	HS
SA	1052	250 - BKN	20			226	48	19	03	09		020		HS
SA	1150	250 - OVC	20			216	50	19	04	07		017		HS
SA	1252	250 - OVC	20			207	51	18	03	09		015	819 1001	HS
SA	1352	250 - OVC	20			199	52	19	06	08		013		HS
SA	1453	250 - OVC	20			197	52	19	09	05		013		HS
SA	1552	250 - BKN	20			199	52	19	02	08		013	605 1001 53 RADAT 32071	WRG
SA	1652	250 - BKN	20			204	47	22	04	07		013		WRG
SA	1752	250 - SCT	20			214	43	24	07	05		015		WRG
SA	1852	250 - SCT	20			219	42	24	05	09		016	310 1001	WRG
SA	1952	CLR	20			223	39	25	04	09		017		WRG
SA	2050	CLR	20			224	41	23	05	11		018		WRG
SA	2152	CLR	20			228	38	23	00	00		019	210 53	WRG
SA	2252	CLR	20			231	38	22	05	03		020		WRG
SA	2352	250 - SCT	20			227	35	24	34	03		019		WRG

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

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

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

☆U.S.GPO:1984 0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 25 1986

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	26.675			62	0															0	1	.010			00-01
01 52	26.690			46	0															0					01-02
02 50	26.690			44	0															0					02-03
03 51	26.690			46	0															0	1	.015			03-04
04 51	26.700			52	0															0					04-05
05 51	26.720			50	0															0					05-06
06 52	26.740			51	0	0	Ci	250												0	2	.050			06-07
07 54	26.750			43	4															0					07-08
08 50	26.770			42	5															1					08-09
09 53	26.780			38	7	7	Ci	250												1	2	.040			09-10
10 52	26.770			31	7															1					10-11
11 50	26.750			28	10															1					11-12
12 52	26.725			27	10	10	Ci	250												2	8	.055			12-13
13 52	26.710			27	10															3					13-14
14 53	26.710			26	10															3					14-15
15 52	26.710			27	9	9	Ci	250												4	6	.015			15-16
16 52	26.710			37	8															8 3					16-17
17 52	26.730			47	3															1					17-18
18 52	26.740			50	1	1	Ci	250												0	3	.030			18-19
19 52	26.750			56	0															0					19-20
20 50	26.760			49	0															0					20-21
21 52	26.770			55	0															0	2	.030			21-22
22 52	26.780			52	0															0					22-23
23 52	26.770			64	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	42	34	X	X						X		
	0349	1	0	0	0	42	34		0								
	0951	2	0	0	0	47	34		0								
	1548	3	0	0	0	53	40		0								
	2148	4	0	0	0	52	36		0								
	MID.	X	0	0	0	39	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.780	26.710	26.770
BAROGRAPH 64	26.695	26.785	26.710	26.765
BAR. CORR. 65	-.005	-.005	±0.0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	34	0	0	0	20	NE	0138					8	4		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0654 SUNSET 1634

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: 1081SP / 1933P/

0652/0652 * BAROGRAPH CHANGED RE-SET TO "0"

WEATHER & OBSTRUCTIONS TO VISION

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

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: DEC 26 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	250 -SCT	20			221	36	23	04	04		018	803 1001	WRG
SA	0152	250 -BKN	20			220	37	21	34	03		018		WRG
SA	0250	250 -BKN	20			229	36	24	00	00		021		WRG
SA	0354	180SCT 250-BKN	20			220	37	24	05	05		018	000 1031 32	/
/													RADAT 33H 078 081099	HS
SA	0453	180 SCT 250-SCT	20			224	36	23	09	05		018		HS
SA	0550	CLR	20			234	32	23	04	05		020	CI SE	HS
SA	0651	CLR	20			238	32	22	36	03		021	307 1030	HS
SA	0750	CLR	20			236	37	23	06	04		021	AC NW	HS
SA	0856	CLR	20			240	43	23	01	08		023	AC NW	HS
SA	0950	CLR	20			240	46	22	04	06		023	107 1031 31	HS
SA	1055	250SCT ~~CLR~~	20			225	49	21	35	05		020		HS
SA	1152	250 SCT	20			215	51	21	34	03		016		HS
SA	1250	250 SCT	20			205	53	20	15	03		014	727 1001	HS
SA	1350	250 SCT	20			200	54	21	12	03		013		HS
SA	1451	E250 BKN	20			190	52	21	16	04		010		HS
SA	1552	E160BKN 230BKN	20			194	51	21	13	07		011	510 1071 55 RADAT 20100	WRG
SA	1652	160SCT E230BKN	20			201	47	26	22	05		012		WRG
SA	1752	160SCT E230BKN	20			205	45	24	05	07		012		WRG
SA	1852	160SCT 230-BKN	20			207	42	27	07	04		012	103 1071	WRG
SA	1952	160SCT 230SCT	20			206	38	26	08	05		012		WRG
SA	2050	CLR	20			202	38	25	04	04		012	FEW AC SE	WRG
SA	2151	CLR	20			201	37	24	01	07		012	400 SS	WRG
SA	2252	CLR	20			200	35	24	08	06		012		WRG
SA	2352	CLR	20			200	32	24	05	04		012		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 $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 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: DEC 26 1986

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

TIME (LST) 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 SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.760			58	2	2	Cl	250												1	8	.010			00-01
01 52	26.760			52	6															3					01-02
02 50	26.780			63	7															3					02-03
03 54	26.760			59	6	1	Ac	180	5	Cl	250	6								2	0	.000			03-04
04 53	26.760			59	4															1					04-05
05 50	26.770			69	0															0					05-06
06 51	26.780			67	0	0	Ac	180												0	3	.020			06-07
07 50	26.780			57	0															0					07-08
08 56	26.800			45	0															0					08-09
09 50	26.800			37	0	0	Ac	180	0	Cl	250	0								0	1	.020			09-10
10 55	26.770			33	1															1					10-11
11 52	26.740			31	1															1					11-12
12 50	26.720			28	1	1	Cl	250												1	7	.080			12-13
13 50	26.710			28	2															2					13-14
14 51	26.680			29	6															4					14-15
15 52	26.690			30	8	6	Ac	E160	2	Cl	230	8								7	5	.030			15-16
16 52	26.700			43	8															6					16-17
17 52	26.700			44	8															6					17-18
18 52	26.700			53	8	2	Ac	160	6	Cl	230	8								3	1	.010			18-19
19 52	26.700			62	3															2					19-20
20 50	26.700			60	0															0					20-21
21 52	26.700			60	0															0	4	.000			21-22
22 52	26.700			65	0															0					22-23
23 52	26.700			66	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	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	39	32	X	X						X		
	0352	1	0	0	0	39	32		0								
	0948	2	0	0	0	47	31		0								
	1548	3	0	0	0	55	46		0								
	2148	4	0	0	0	51	35		0								
	MID.	X	0	0	0	37	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.800	26.690	26.700
BAROGRAPH 64	26.760	26.790	26.695	26.695
BAR. CORR. 65	±0	+.010	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 86	24-HR. MIN. TEMP. (°F) 87	24-HR. PRECIP. WATER EQUIV. (Ins.) 88	24-HR. SNOWFALL UNMLTD (Ins.) 89	SNOW DEPTH (Ins.) 90	PEAK WIND SPEED (Mps) 91	PEAK WIND DIRECTION 92	PEAK WIND TIME (LST) 93	THICKNESS OF ICE ON WATER (Ins.) 94	FROZEN GROUND LAYER (Ins.) TOP 95	FROZEN GROUND LAYER (Ins.) BASE 96	RIVER GAGE 97	SKY COVER SUNRISE TO SUNSET 98	SKY COVER MIDNIGHT TO MIDNIGHT 99	WATER EQUIV. (Ins.) 80	81
55	31	0	0	0	11	NE	0929					2	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0654 SUNSET 1634

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: 1105P / 2251 /

1055P/1055

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: DEC 27 1986

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. (7)	DEW PT. (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hg.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0052	CLR	20			191	35	24	00	00		010	807	WRG
SA	0152	CLR	20			191	33	24	33	05		010		WRG
SA	0250	CLR	20			196	32	24	02	04		011		WRG
SA	0352	CLR	20			189	34	23	34	04		009	803 30 RADAT 70L035092	HS
SA	0450	CLR	20			191	33	24	36	03		009		HS
SA	0551	CLR	20			200	31	23	30	03		011		HS
SA	0651	CLR	20			203	31	23	15	04		011	107 1030	HS
SA	0750	CLR	20			203	35	26	36	03		011	FEW AC	HS
SA	0850	CLR	20			205	42	26	00	00		013	FEW AC	HS
SA	0951	CLR	20			208	47	27	22	03		014	310 30	HS
SA	1050	CLR	20			199	51	23	00	00		012		HS
SA	1150	CLR	20			191	52	22	08	04		009		HS
SA	1250	CLR	20			178	54	21	00	00		007	724 1001	HS
SA	1351	CLR	20			176	54	20	10	03		006	CI SW	HS
SA	1453	CLR	20			175	55	20	21	03		005		HS
SA	1552	CLR	20			189	53	24	22	05		007	303 1005 56	WRG
SA	1652	CLR	20			197	48	25	00	00		007	RADAT MISS	WRG
SA	1752	CLR	20			196	40	25	03	03		008		WRG
SA	1852	CLR	20			202	38	25	07	05		010	307 1005	WRG
SA	1952	CLR	20			204	39	24	01	05		011		WRG
SA	2050	CLR	20			206	36	24	00	00		012		WRG
SA	2152	CLR	20			202	35	24	03	05		012	107 1005 56	WRG
SA	2252	CLR	20			202	38	23	35	03		013		WRG
SA	2352	CLR	20			205	33	22	13	05		013		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 6RRR_{t_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: DEC 2 1986

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	26.680			63	0																				00-01
01 52	26.680			67	0															0	8	.020			01-02
02 50	26.690			70	0															0					02-03
03 52	26.670			64	0															0					03-04
04 50	26.670			67	0															0	8	.010			04-05
05 51	26.685			72	0															0					05-06
06 51	26.690			73	0	0	Ac	150												0	1	.020			06-07
07 50	26.690			68	0															0					07-08
08 50	26.710			54	0															0					08-09
09 51	26.720			45	0															0	3	.030			09-10
10 50	26.700			32	0															0					10-11
11 50	26.675			30	0															0					11-12
12 50	26.650			28	0	0	Ci	250												0	7	.070			12-13
13 51	26.645			26	0															0					13-14
14 53	26.640			26	0															0					14-15
15 52	26.660			33	0	0	Ci	250												0	3	.010			15-16
16 52	26.660			40	0															0					16-17
17 52	26.670			55	0															0					17-18
18 52	26.680			58	0	0	Ci	250												0	3	.020			18-19
19 52	26.690			55	0															0					19-20
20 50	26.700			60	0															0					20-21
21 52	26.700			63	0	0	Ci	250												0	1	.020			21-22
22 52	26.710			53	0															0					22-23
23 52	26.710			65	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	35	30	X	X						X		
	0350	1	0	0	0	37	30		0								
	0949	2	0	0	0	49	30		0								
	1548	3	0	0	0	56	47		0								
	2148	4	0	0	0	53	35		0								
	MID.	X	0	0	0	38	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.720	26.660	26.700
BAROGRAPH 64	26.660	26.705	26.645	26.690
BAR. CORR. 65	+.010	+.015	+.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHL TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	30	0	0	0	06	E	1325					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1105P / 2242P /

2157 / 2151

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: DEC 23 1986

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. (Millib.) (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)	OBSERVATIONS (15)
SA	0052	CLR	20			206	33	22	14	05		014	707	MRC
SA	0131	CLR	20			211	32	21	12	04		015		MRC
SA	0251	CLR	20			213	41	21	12	08		017		MRC
SA	0356	CLR	20			213	38	21	04	07		017	110 32	MR
SA	0452	CLR	20			219	40	22	06	10		017		MR
SA	0555	CLR	20			231	41	24	04	14		021		MR
SA	0652	CLR	20			247	40	24	05	07		024	320 1050	MR
SA	0751	CLR	20			248	42	25	04	13		025		MR
SA	0855	CLR	20			254	44	25	03	13		027		MR
SA	0952	CLR	20			258	46	25	04	13		028	212 32	MR
SA	1053	CLR	20			250	50	25	04	08		027		MR
SA	1157	CLR	20			242	52	25	03	12		024		MR
SA	1250	CLR	20			234	54	24	04	08		023	817	MR
SA	1357	CLR	20			229	55	24	12	07		021		MR
SA	1456	CLR	20			220	55	24	12	10		020		MR
SA	1559	CLR	20			227	53	24	12	11		021	505 56	MR
SA	1649	CLR	20			232	50	24	12	08		022		MR
SA	1752	CLR	20			240	47	24	09	09		024		EP
SA	1850	CLR	20			250	44	24	05	08		026	317	EP
SA	1950	CLR	20			257	40	23	13	06		027		EP
SA	2054	CLR	20			262	39	23	09	05		029		EP
SA	2153	CLR	20			261	35	24	12	03		029	110 56	EP
SA	2257	CLR	20			267	35	23	01	05		031		EP
SA	2350	CLR	20			263	36	18	06	05		031		EP

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

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

SUPERSEDES MF 1-10A (1-82) 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: DEC 28 1986

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	26.720			62	0															0	2	.020			00-01
01 52	26.730			63	0															0					01-02
02 51	26.750			44	0															0					02-03
03 56	26.750			50	0															0	1	.030			03-04
04 52	26.755			48	0															0					04-05
05 52	26.780			50	0															0					05-06
06 52	26.810			52	0	CIRR		80												0	3	.060			06-07
07 51	26.820			51	0															0					07-08
08 55	26.835			46	0															0					08-09
09 52	26.845			43	0															0	2	.035			09-10
10 53	26.835			37	0															0					10-11
11 57	26.810			34	0															0					11-12
12 50	26.795			31	0															0	8	.050			12-13
13 57	26.780			30	0															0					13-14
14 56	26.770			31	0															0					14-15
15 59	26.780			32	0															0	5	.015			15-16
16 49	26.790			36	0															0					16-17
17 52	26.810			40	0															0					17-18
18 50	26.830			45	0															0	3	.050			18-19
19 50	26.845			50	0															0					19-20
20 54	26.860			52	0															0					20-21
21 53	26.860			64	0															0	1	.030			21-22
22 57	26.870			61	0															0					22-23
23 50	26.870			48	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	43	32	X	X						X		
	0353	1	0	0	0	43	32		0								
	0849	2	0	0	0	47	38		0								
	1553	3	0	0	0	56	46		0								
	2150	4	0	0	0	53	35		0								
	MID.	X	0	0	0	38	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0951	1554	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.845	26.780	26.860
BAROGRAPH 64	26.725	26.825	26.775	26.855
BAR. CORR. 65	+.025	+.020	+.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
56	32	0	0	0	18	NE	0938					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 0655 SUNSET 1635

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: 1045AP / 2130PI

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: DEC 29 1986

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 (Hns.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			262	36	16	03	05		031	103	EP
SA	0152	CLR	20			259	41	14	04	12		031		EP
SA	0254	CLR	20			259	40	14	04	12		031		EP
SA	0355	CLR	20			260	37	16	07	05		030	802 33 RADAT 21092	MR
SA	0452	250 - BKN	20			268	39	16	26	04		032		MR
SA	0552	E250 OVC	20			278	37	17	36	02		034		MR
SA	0658	E250 OVC	20			287	37	16	08	05		036	219 1007	MR
SA	0753	E200 OVC	20			288	40	16	00	00		037		MR
SA	0852	E200 OVC	20			296	43	18	01	02		039		MR
SA	0956	E250 OVC	20			295	51	14	13	08		040	210 1007 33	MR
SA	1052	250 - OVC	20			292	49	13	11	12		038		MR
SA	1151	250 - OVC	20			284	52	13	12	11		036		MR
SA	1255	E250 BKN	20			273	54	13	11	11		033	819 1002	MR
SA	1353	250 - OVC	20			262	56	12	13	09		032		MR
SA	1451	250 - OVC	20			262	56	12	13	08		032		MR
SA	1554	250 - BKN	20			264	54	14	12	11		031	807 1002 56 RADAT 20108	EP
SA	1650	250 - BKN	20			264	49	15	14	10		031		EP
SA	1751	250 - BKN	20			271	45	16	09	07		032		EP
SA	1853	250 - SCT	20			275	46	15	10	03		033	307 1001	EP
SA	1951	250 - SCT	20			281	40	17	34	06		034		EP
SA	2053	CLR	20			282	38	17	11	05		035		EP
SA	2153	CLR	20			277	36	17	11	05		034	003 1001 56	EP
SA	2250	CLR	20			281	36	17	00	00		035		EP
SA	2351	CLR	20			277	33	17	34	04		034		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 $i_R i_X h$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 1-10A (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: DEC 29 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.870			44	0															0	1	.010			00-01
01 52	26.870			33	0															0					01-02
02 54	26.880			34	0															0					02-03
03 55	26.865			42	0															0	8	.005			03-04
04 52	26.885			39	8															2					04-05
05 52	26.900			45	10															7					05-06
06 50	26.920			43	10	10	Cs	E250												1	1	.035			06-07
07 53	26.925			37	10															9					07-08
08 52	26.945			37	10															8					08-09
09 56	26.950			23	10	10	Cs	E250												7	2	.030			09-10
10 52	26.935			23	10															5					10-11
11 51	26.925			21	10															4					11-12
12 55	26.895			19	9	9	Ci	E250												5	8	.055			12-13
13 53	26.880			17	10															5					13-14
14 51	26.880			17	10															4					14-15
15 54	26.875			20	9	9	Ci	250												4	8	.020			15-16
16 50	26.870			25	8															2					16-17
17 51	26.880			31	6															2					17-18
18 53	26.895			28	4	4	Ci	250												1	3	.020			18-19
19 51	26.905			39	2															0					19-20
20 53	26.910			42	0															0					20-21
21 53	26.905			46	0	0	Ci	250												0	0	.010			21-22
22 50	26.910			46	0															0					22-23
23 51	26.900			51	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	41	36	X	X						X		
	0350	1	0	0	0	41	33		0								
	0952	2	0	0	0	51	34		0								
	1551	3	0	0	0	56	48		0								
	2150	4	0	0	0	54	34		0								
	MID.	X	0	0	0	38	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0955	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.865	26.950	26.875	26.905
BAROGRAPH 64	26.870	26.950	26.885	26.900
BAR. CORR. 65	-.005	0 *	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
56	32	0	0	0	18	SE	1321					10	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 0655 SUNSET 1636

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: 1045A / 2105A

BAROGRAPH CHANGED AND RESET TO ZERO CORR
2155 HAND INP 26.900 1/1/87

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

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: DEC 30 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			270	35	16	01	04		033	805 1001	EP
SA	0151	CLR	20			268	35	15	08	03		032		EP
SA	0251	CLR	20			265	31	17	02	04		031		EP
SA	0356	CLR	20			260	29	17	00	00		028	814 1001 28 RADAT 20103	MR
SA	0458	CLR	20			260	31	18	00	00		028		MR
SA	0555	CLR	20			266	32	17	09	05		029		MR
SA	0652	CLR	20			264	31	16	14	02		029	002 1001	MR
SA	0753	CLR	20			265	36	17	00	00		029		MR
SA	0853	CLR	20			265	41	18	25	02		029		MR
SA	0954	CLR	20			26[illegible]	49	14	03	09		031	305 1001 28	MR
SA	1054	250-SCT	20			251	53	15	22	02		027		MR
SA	1150	250-BKN	20			240	56	15	19	02		024		MR
SA	1252	250-BKN	20			230	57	17	23	03		022	727 1006	MR
SA	1355	250-OVC	20			224	57	16	19	02		020		MR
SA	1450	250-OVC	20			222	58	14	20	02		019		MR
SA	1554	250-OVC	20			220	54	18	22	09		017	714 1007 59 RADAT 20102	EP
SA	1651	250-SCT	20			224	47	19	08	03		017		EP
SA	1752	250-SCT	20			231	39	21	09	04		018		EP
SA	1852	250-SCT	20			229	38	19	06	03		017	000 1001	EP
SA	1953	CLR	20			229	39	18	12	03		018		EP
SA	2052	250-SCT	20			228	37	19	00	00		018		EP
SA	2153	CLR	20			224	35	18	11	03		018	103 1001 59	EP
SA	2250	CLR	20			217	35	18	34	03		017		EP
SA	2350	CLR	20			220	33	18	11	06		018		EP

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NEVADA

DATE: [illegible]

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00	52	26.890			46	0	0	C1	250											0	8	.015			00-01
01	51	26.885			44	0														0					01-02
02	51	26.875			56	0														0					02-03
03	56	26.850			60	0	0	C1	250											0	8	.040			03-04
04	58	26.850			57	0														0					04-05
05	55	26.860			53	0														0					05-06
06	52	26.855			54	0	0	C1	250											0	0	.005			06-07
07	53	26.855			45	0														0					07-08
08	53	26.860			39	0														0					08-09
09	54	26.870			24	0	0	C1	250											0	3	.015			09-10
10	54	26.840			22	1														0					10-11
11	50	26.810			20	6														0					11-12
12	52	26.790			20	9	9	C1	250											1	7	.080			12-13
13	55	26.775			20	10														1					13-14
14	50	26.765			17	10														1					14-15
15	54	26.750			24	10	10	CS	250											1	7	.040			15-16
16	51	26.750			33	2														0					16-17
17	52	26.760			48	1														0					17-18
18	52	26.750			46	1	1	C1	250											0	0	.000			18-19
19	53	26.760			42	0														0					19-20
20	52	26.760			48	3														0					20-21
21	53	26.760			50	0	0	C1	250											0	1	.010			21-22
22	50	26.750			50	0														0					22-23
23	50	26.760			54	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	36	28	X	X						X		
	0351	1	0	0	0	38	28		0								
	0951	2	0	0	0	49	29		0								
	1551	3	0	0	0	59	49		0								
	2150	4	0	0	0	54	35		0								
	MID.	X	0	0	0	38	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.850	26.870	26.750	26.760
BAROGRAPH 64	26.850	26.860	26.750	26.745
BAR. CORR. 65	0	+.010	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	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
59	28	0	0	0	12	NE	0959					5	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 0656 SUNSET 1637

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 CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035P / 2155P

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: DEC 31 1986

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

(1)	(2)	(3)	(4)	(4a)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(15)
SA	0052	CLR	20			216	32	19	00	00		017	~~800~~ 1001	EP
SA	0152	CLR	20			212	34	18	12	04		016		EP
SA	0250	CLR	20			205	32	18	36	05		014		EP
SA	0349	E250 BKN	20			199	33	16	02	05		012	717 1002 30 RADAT 20100	AD
SA	0449	E 250 BKN	20			203	33	17	08	04		012		AD
SA	0549	E250 BKN	20			206	36	16	10	04		012		AD
SA	0649	140 SCT E250 OVC	20			209	34	17	26	04		012	400 1028	AD
SA	0749	140 SCT E250 OVC	20			213	37	15	12	04		014		AD
SA	0849	140 SCT E250 OVC	20			211	40	18	31	07		014		AD
SA	0949	140 SCT E250 BKN	20			212	48	14	29	05		015	210 1028 30	AD
SA	1049	140 SCT 250 - BKN	20			201	48	13	10	03		012		AD
SA	1149	140 SCT 250 - BKN	20			184	53	13	12	09		007		AD
SA	1249	140 SCT 160 SCT E250 BKN	20			172	54	13	12	11		004	*734 1042 *ACSL SW/	AD
SA	1349	140 SCT 160 SCT E250 OVC	20			170	55	12	13	14		004	ACSL SW	AD
SA	1449	E140 BKN 250 OVC	20			173	53	14	14	07		004		AD
SA	1552	140 SCT E230 OVC	20			174	50	15	14	10		004	DINOVC SE/ 400 1047	
													56 RADAT 38103	WRG
SA	1652	140 SCT E230 BKN	20			178	48	16	13	07		005		WRG
SA	1752	140 SCT 230 - BKN	20			182	46	18	12	09		006		WRG
SA	1852	140 SCT 230 - SCT	20			185	44	17	07	10		006	107 1078	WRG
SA	1952	230 - SCT	20			187	39	17	34	05		006		WRG
SA	2050	CLR	20			189	38	16	27	03		007		WRG
SA	2150	CLR	20			189	36	15	09	04		008	105 1005 56	WRG
SA	2252	250 - SCT	20			190	37	17	00	00		009		WRG
SA	2352	250 - BKN	20			190	35	19	33	03		010		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: DEC 31 1986

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	SUM-MATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM-MATION 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	26.750			58	0	0	CI	250												0	6	.010			00-01
01 52	26.740			52	0															0					01-02
02 50	26.720			56	0															0					02-03
03 49	26.700			49	6	6	CI	E250												5	7	.050			03-04
04 49	26.700			51	7															6					04-05
05 49	26.700			44	8															7					05-06
06 49	26.700			49	10	4	AS	140	6	CS	E250	10								10	4	.000			06-07
07 49	26.720			40	10															8					07-08
08 49	26.720			41	10															8					08-09
09 49	26.730			25	8	2	AS	140	6	CS	E250	8								5	2	.030			09-10
10 49	26.700			24	6															2					10-11
11 49	26.660			20	8															3					11-12
12 49	26.630			19	9	2	ACSL	140	1	AS	160	3	6	CI	E250	9				5	7	.100			12-13
13 49	26.630			18	10															10					13-14
14 49	26.630			21	10															10					14-15
15 52	26.630			24	10	2	ACSL	140	10	CS	E230	10								9	4	.000			15-16
16 52	26.640			27	9															7					16-17
17 52	26.650			32	8															4					17-18
18 52	26.650			33	3	1	AC	140	2	CS	230	3								1	1	.020			18-19
19 52	26.650			40	1															0					19-20
20 50	26.660			41	0															0					20-21
21 50	26.665			42	0	0	CS	230												0	1	.015			21-22
22 52	26.675			45	2															1					22-23
23 52	26.690			51	6															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	INH 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	DEW POINT TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	34	30	X	X						X		
	0345	1	0	0	0	38	30		0								
	0945	2	0	0	0	48	33		0								
	1548	3	0	0	0	56	47		0								
	2148	4	0	0	0	50	34		0								
	MID.	X	0	0	0	38	34	X	X						X		

STATION PRESSURE CONFIGURATIONS

TIME (L.S.T.) 59	0350	0950	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.730	26.630	26.665
BAROGRAPH 64	26.680	26.720	26.625	26.655
BAR. CORR. 65	+.020	+.020	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	30	0	0	0	14	SE	1347					9	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0656 SUNSET 1638

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: 0800/+1SEC /1949 /

0052/AAP 603/0900 1/7/87