MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 31

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.600	54.1	45.1	50	2	2	Ci	250												0	7	.030			00-01
01 50	26.590	56.2	46.0	46	3															0					01-02
02 51	26.580	56.2	46.0	46	1															0					02-03
03 50	26.570	54.8	44.2	43	1	1	Ci	250												0	7	.030			03-04
04 49	26.560	51.1	42.7	50	1															0					04-05
05 50	26.560	50.2	41.9	50	0															0					05-06
06 50	26.550	57.6	44.7	35	0															0	7	.020			06-07
07 43	26.560	61.8	46.7	30	0															0					07-08
08 50	26.560	65.9	48.0	24	0															0					08-09
09 47	26.550	68.0	47.4	18	0															0	0	.000			09-10
10 48	26.550	70.0	48.4	17	0															0					10-11
11 48	26.550	73.4	49.6	14	0															0					11-12
12 50	26.550	73.1	47.7	9	0															0	4	.000			12-13
13 49	26.580	72.3	45.8	5	0															0					13-14
14 45	26.570	71.2	45.7	7	0															0					14-15
15 53	26.600	68.3	44.3	7	0															0	2	.050			15-16
16 54	26.630	65.1	43.8	12	0															0					16-17
17 48	26.660	65.8	44.0	11	0															0					17-18
18 47	26.690	58.2	40.1	14	0															0	2	.090			18-19
19 54	26.720	53.9	40.3	27	0															0					19-20
20 55	26.740	52.4	38.7	24	0															0					20-21
21 53	26.760	51.4	38.3	26	0															0	1	.070			21-22
22 54	26.770	51.1	38.0	26	0															0					22-23
23 52	26.780	48.0	37.6	36	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	56	52	X	X						X		
	0342	1	0	0	0	58	52		0								
	0940	2	0	0	0	69	49		0								
	1547	3	0	0	0	74	68		0								
	2148	4	0	0	0	69	51		0								
	MID.	X	0	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0946	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.550	26.600	26.760
BAROGRAPH 64	26.550	26.540	26.575	26.730
BAR. CORR. 65	+.020	+.010	+.025	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
74	48	0	0	0	43	N	1658					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0619P ±2 Sec./ 1935P ±2 Sec./ ± Sec.

RS/0
SP/0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 01

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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	0045	55 SCT 100 SCT E200 OVC	20			088	56	39	20	12		984	603 1578	JK
SA	0150	55 SCT E 100 BKN 200 OVC	20			075	57	36	17	18G28		981		JK
SA	0247	55 SCT E 100 OVC	20			068	56	35	16	10		979		JK
SA	0349	55 SCT E100 OVC	20			058	55	36	11	10		975	827 152/ 52	/
/													RADAT 62089	JD
SA	0446	50 SCT E100 OVC	20			059	53	38	11	09		975		JD
SA	0547	50 SCT E 90 OVC	20			049	55	35	12	11 G26		973		JD
SA	0648	50 SCT E 90 OVC	20			053	54	39	12	11 G20		973	507 152/	JD
SA	0748	45 SCT E 80 OVC	20			050	57	34	17	17 G22		973	RB07E15 RWV SE	/
/													MTNS SE OBSCD	JD
SA	0848	45 SCT E70 OVC	15		RW-	059	57	35	16	17G34		975	RB43 MTNS SE OBSCD	JD
SA	0948	45 SCT E80 BKN 120 OVC	20			052	56	39	12	12		973	RE1655 VIRGA NE	/
/													00001 157/ 52	JD
SA	1048	45 SCT E80 BKN 120 OVC	20			042	57	37	11	12G28		971	VIRGA NE	JD
SA	1147	45 SCT E80 BKN 120 OVC	15		RW-	030	60	35	18	20G45		969	RB38 PKWND 1845/37	JD
SA	1249	E50 BKN 120 OVC	15		RW-	034	57	36	19	24G38		969	RE05B42 MTNS SE OBSCD	/
/													PKWND 1849/08 61400 152/	JD
SA	1347	M32 OVC	5		RW-	040	50	46	20	09		970	VSBY S-W 2	JD
SP	1355	7 SCT E20 OVC	3		RW-				24	09		970	VSBY S-N 2	JD
SP	1405	7 SCT E20 OVC	5		RW-				24	11		969		JD
SP	1413	7 SCT M14 OVC	3		RW-				24	10		969		JD
SA	1450	5 SCT E11 OVC	3		RW-	047	47	45	22	09		971		JD
SP	1535	5SCT E11 BKN 90 OVC	6		RW-				21	10		969		JK
SA	1551	5SCT E11 BKN 90 OVC	6		RW-	039	48	44	22	10		969	00027 152/60 RADAT 87074	JK
SA	1647	5 SCT E11 OVC	4		RW-	040	47	44	20	12		969		JK
SP	1737	5SCT 15SCT M 40 OVC	10		RW-				22	10		967		JK
SA	1748	5 SCT 15 SCT M 40 OVC	10		R-	033	47	43	22	08		967	MTN TPS OBSCD ALQDS	JK
SA	1849	15SCT M 40 OVC	10		R-	036	48	40	15	14		968	50318 15//	JK
SA	1947	M 50 OVC	15		R-	034	47	41	21	08		968	GIG RGD	JK
SA	2045	E50 BKN 90 OVC	20		R-	031	48	40	19	15		967	PCPN VRY LGT	JK
SA	2145	E50 BKN 90 OVC	20			029	57	37	16	10G23		967	RE31/60318 157/60	JK
SA	2247	E50 BKN	20			033	50	36	18	10		968		JK
SA	2348	M65 BKN	20			037	49	35	18	10		969		JK

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-76) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: March

YEAR: 1983

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F: MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°): HEATING	COOLING	PRECIPITATION (In.): TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT 0400	WIND: AVERAGE SPEED (Knots)	PEAK SPEED: SPEED (Knots)	DIRECTION	SUNSHINE: Avr. Stn. Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	60	47	54		11		.46			12.4	49	S	26.3	30	10	R, RW	48	54	86	58
2	55	43	49		16		.35			6.6	19	E	26.2	01	10	R, RW	78	75	80	83
3	54	41	48		17		.35			10.4	30	SW	25.9	96	8	R	89	67	50	84
4	59	40	50		15		.20			7.9	24	SW	26.2	63	5	R, RW	88	78	35	62
5	60	35	48		17					6.0	17	W	26.4	96	1		75	55	41	67
6	62	38	50		15					6.2	13	SW	26.6	10	2		82	63	53	74
7	64	48	56		9					7.6	14	SW	26.6	16	4		72	48	43	67
8	70	44	57		8					3.7	10	S	26.6	86	9		81	52	32	68
9	72	44	58		7					5.8	17	SE	26.6	63	5		80	47	28	68
10	74	46	60		5					5.9	20	SW	26.5	28	6		74	34	31	40
11	66	46	56		9					7.0	21	SW	26.5	05	10		75	30	36	69
12	68	42	55		10					6.1	18	SW	26.5	56	6		78	35	31	50
13	68	47	58		7		T			8.6	25	S	26.4	70	9	RW	58	46	47	54
14	65	49	57		8					9.8	23	NW	26.4	43	6		60	48	10	25
15	59	40	50		15					10.5	26	N	26.5	94	1		37	27	13	25
16	61	38	50		15					10.6	34	S	26.4	93	1		38	22	17	29
17	58	42	50		15		.12			12.1	27	S	26.2	53	6	RW	60	49	35	71
18	53	39	46		19		.14			9.6	30	NW	26.2	08	10	RW	61	54	76	85
19	58	34	46		19					8.7	23	NW	26.4	40	3		91	48	27	44
20	59	37	48		17					9.1	25	S	26.5	15	9		45	27	28	50
21	48	36	42		23		.56			6.1	20	SW	26.3	75	10	F, R, RW	66	79	78	85
22	55	33	44		21					9.4	28	S	26.4	38	8		89	61	39	60
23	57	38	48		17					7.6	34	S	26.5	08	5		61	25	21	34
24	55	38	47		18		.01			13.5	41	S	26.2	83	5	RW	56	36	36	83
25	53	33	43		22		T			7.2	27	W	26.4	40	6	RW	79	48	33	55
26	58	33	46		19					6.1	16	SW	26.6	63	4		76	32	20	60
27	60	36	48		17					7.5	26	SW	26.5	88	9		62	35	29	50
28	61	42	52		13					7.3	17	N	26.5	68	7		66	54	30	53
29	66	42	54		11					6.6	13	SW	26.6	98	3		72	48	32	49
30	73	41	57		8					6.4	23	SW	26.7	00	0		76	34	26	43
31	74	48	61		4					12.1	43	N	26.6	20	0		43	18	7	26
SUM	1905	1260	—	—	427	0	2.19	0	—	257.4	—	—	820.7	07	178	—	2077	1429	1151	1771
AVG	61.5	40.6	—	—	—	—	—	—	—	8.1	FASTEST	DIRECTION	POSSIBLE	%	5.7	—	67.0	46.1	37.1	57.1
										MISC. →	49	S	26.4	74		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 51.0

DEPARTURE FROM NORMAL —

HIGHEST 74 ON 10, 31

LOWEST 33 ON 22, 25, 26

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 427

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 2933

DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH 2.19 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HRS.~~ Daily .56 ON 21

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST ~~IN 24 HRS.~~ Daily 0 ON —

GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 8

PARTLY CLOUDY (Scale 4–7) 12

CLOUDY (Scale 8–10) 11

WITH 0.01 INCH OR MORE PRECIP. 8

WITH 0.10 INCH OR MORE PRECIP. 7

WITH 0.50 INCH OR MORE PRECIP. 1

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

F = FOG

R = RAIN

RW = RAINSHOWER

MAXIMUM PRECIPITATION

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

Station Pressure

HIGHEST ~~SEA-LEVEL~~ 26.780 IN. ON 31

LOWEST ~~SEA-LEVEL~~ 25.910 IN. ON 3

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

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 01

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.450	56.0	47.0	52	10	3	Sc	55	2	Ac	100	5	5	Cs	E200	10				9	6	.010			00-01
01 50	26.420	56.5	46.2	46	10															10					01-02
02 47	26.395	55.8	45.6	46	10															10					02-03
03 49	26.370	55.1	45.6	48	10	2	Sc	55	8	As	E100	10								10	8	.080			03-04
04 46	26.370	53.1	45.6	57	10															10					04-05
05 47	26.345	55.4	45.5	47	10															10					05-06
06 48	26.350	53.5	46.1	58	10	3	Sc	50	7	As	E90	10								10	5	.020			06-07
07 48	26.350	57.0	45.8	42	10															10					07-08
08 48	26.370	56.5	45.8	44	10															10					08-09
09 48	26.350	55.6	47.1	54	10	1	Sc	45	6	Ac	E80	7	3	As	120	10				10	0	.000			09-10
10 48	26.330	56.8	46.9	48	10															10					10-11
11 47	26.305	59.5	47.1	39	10															10					11-12
12 49	26.310	56.8	46.5	46	10	0	Cu Fra	35	7	Sc	E50	7	3	As	120	10				10	6	.040			12-13
13 47	26.315	49.6	47.8	88	10															10					13-14
14 50	26.330	47.1	45.9	92	10															10					14-15
15 51	26.310	48.2	46.0	86	10	1	St	5	5	Sc	E11	6	4	Ns	90	10				10	0	.000			15-16
16 47	26.310	47.1	45.5	89	10															10					16-17
17 48	26.290	47.0	45.0	87	10															10					17-18
18 49	26.300	48.1	44.1	74	10	4	Sc	15	6	Sc	A40	10								10	5	.010			18-19
19 47	26.295	47.3	44.0	78	10															10					19-20
20 45	26.290	48.0	44.0	74	10															10					20-21
21 45	26.290	50.9	43.8	58	10	6	Sc	E50	4	Ac	90	10								10	6	.010			21-22
22 47	26.300	49.6	43.2	60	6															6					22-23
23 48	26.310	48.8	42.3	60	8															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	57	55	X	X						X		
	0345	1	0	0	0	57	52		0								
	0945	2	.01	0	0	59	52		0								
	1545	3	.27	0	0	60	47		2								
	2144	4	.18	0	0	51	47		1								
	MID.	X	0	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.370	26.350	26.310	26.290
BAROGRAPH 64	26.365	26.350	26.320	26.290
BAR. CORR. 65	+.005	0	-.010	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
60	47	.46	0	0	49	5	1208					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0707	0715			
RW-	0843	0855			
RW-	1138	1205			
RW-	1242	1745			
R-	1745	2131			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0426P ⊖ 2Sec./ 1805P ⊖ 2Sec./ ± Sec.

SP/5
RS/0

MF1-10A
(1-82)

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

STATION WSMO, DESERT ROCK, NV

DATE 1983 MAR 2

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	0049	M55 OVC	20			036	47	38	05	06		968	003 15//	JK
SA	0148	M55 OVC	20			036	48	38	09	05		967		JK
SA	0245	M55 OVC	20			044	47	39	29	05		969		JK
SA	0350	M41 OVC	20			034	46	40	05	08		966	805 15// ~~462046~~ 52 RADAT 90070	EP
SA	0447	M45 OVC	20			036	46	39	25	05		967		EP
SA	0545	M45 BKN 60 OVC	20			034	45	40	31	07		965		EP
SA	0648	50SCT E160 OVC	20			030	44	39	30	05		964	805 152/	EP
SA	0747	50SCT E160 OVC	20			034	45	40	33	04		965		EP
SA	0850	50SCT E160 OVC	20			034	46	41	23	05		966		EP
SA	0946	15SCT 60SCT E250 OVC	20			029	49	41	32	06		965	003 1507 43	EP
SA	1048	25SCT 50SCT E250 OVC	20			025	52	40	00	00		964		EP
SA	1146	25SCT 50SCT E250 OVC	20			014	55	37	15	04		961		EP
SA	1250	25SCT E50 BKN 250 OVC	20		RW-	006	53	41	18	08		959	RB31/82000 1807	EP
SA	1349	25SCT E50 BKN 250 OVC	20		RW-	998	53	39	12	06		957		EP
SA	1450	25SCT M38 BKN 250 OVC	20		RW-	996	51	40	15	09		956		EP
SA	1548	10 SCT M32 OVC	20		R-	990	50	44	13	11		954	71703 17// 55	[illegible]
—	—												RADAT 94078	—
SA	1645	10 SCT M37 OVC	20		R-	978	49	44	04	05		950		[illegible]
SA	1747	10 SCT M35 OVC	10		R-	972	49	43	09	06		949		[illegible]
SA	1847	10 SCT M40 OVC	20		R-	973	48	43	15	11		948	61703 15//	[illegible]
SA	1945	10 SCT M32 OVC	10		R-	965	48	42	10	10		946	R- OCNLY R	[illegible]
SA	2045	10 SCT M30 OVC	10		R-	962	47	44	15	06		946	R- OCNLY R	[illegible]
SA	2148	M34 OVC	20		R-	952	47	42	11	05		943	71728 15// 55	[illegible]
SA	2248	14 SCT M37 OVC	20		R-	939	47	43	15	05		939		[illegible]
SA	2346	14 SCT M34 OVC	20		R-	926	47	42	11	16		936		[illegible]

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 2

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	26.300	46.9	42.3	70	10	10	SC	M55												9	0	.010			00-01
01 48	26.290	47.5	42.7	69	10															10					01-02
02 45	26.310	46.8	43.0	74	10															10					02-03
03 50	26.285	46.1	42.8	78	10	10	SC	M41												10	8	.015			03-04
04 47	26.290	45.9	42.5	77	10															10					04-05
05 45	26.280	45.0	42.5	83	10															10					05-06
06 48	26.270	43.5	41.5	85	10	0	ST	11	3	SC	50	3	10	AS	E160	10				10	8	.015			06-07
07 47	26.280	44.5	42.2	84	10															10					07-08
08 50	26.285	46.1	43.3	81	10															10					08-09
09 46	26.280	48.6	44.7	75	10	1	SC	15	1	SC	60	2	10	CS	E250	10				10	0	.010			09-10
10 48	26.270	52.4	46.2	64	10															8					10-11
11 46	26.245	55.0	46.0	51	10															9					11-12
12 50	26.220	52.8	46.5	63	10	2	CU	25	4	SC	E50	6	10	CS	E250	10				10	8	.060			12-13
13 49	26.200	53.1	45.9	59	10															10					13-14
14 50	26.190	51.3	45.6	66	10															10					14-15
15 48	26.170	50.3	47.0	80	10	3	CUFRA	10	10	CUFRA	M32	10								10	7	.050			15-16
16 45	26.140	49.2	46.3	81	10															10					16-17
17 47	26.125	48.8	45.5	79	10															10					17-18
18 47	26.120	48.3	45.7	83	10	3	CUFRA	10	10	SC	M40	10								10	6	.050			18-19
19 45	26.100	48.0	45.0	80	10															10					19-20
20 45	26.095	47.0	45.3	89	10															10					20-21
21 48	26.070	47.3	44.7	83	10	10	SC	M34												10	7	.050			21-22
22 48	26.040	47.0	44.9	86	10															10					22-23
23 46	26.010	47.1	44.4	82	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	49	46	X	X						X		
	0345	1	0	0	0	51	46		1								
	0942	2	0	0	0	49	43		0								
	1544	3	.03	0	0	55	49		1								
	2144	4	.28	0	0	50	47		2								
	MID.	X	.04	0	0	47	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0943	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.285	26.280	26.170	26.070
BAROGRAPH 64	26.285	26.280	26.160	26.060
BAR. CORR. 65	0	0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	43	.35	0	0	19	E	2350					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1231	1530			
R-	1530	CONT.			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1000 ⊕2 Sec./ 2156P ⊕2 Sec./ ± Sec.

0350 - 46 - 0646

0350 - 20046 - 0646

SP/0

RS/0

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 3

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0045	M30 OVC	10		R-	918	47	42	11	12		933	72908 15//	MG
SA	0149	M34 OVC	10		R-	908	47	43	12	08		930		MG
SA	0250	M34 OVC	10		R-	894	47	42	12	13		926		MG
SA	0350	M34 OVC	10		R-	891	46	43	14	12		924	62521 151// 46 20052	EP
													RADAT 96076	
SA	0447	20 SCT M300 VC	6		R	895	45	43	23	15		926		EP
SA	0546	12 SCT M300 VC	10		R-	909	42	39	23	13		929		EP
SP	0612	5 SCT M12 BKN 300 VC	15		R-				24	17		930		EP
SP	0630	5 SCT 12 SCT M300 VC	20		R-				24	15		930		EP
SA	0648	5 SCT 12 SCT M320 VC	20		R-	913	41	37	23	17	G24	930	11718 18//	EP
SA	0746	12 SCT M300 VC	15		R-	925	42	36	25	11		933		EP
SA	0845	20 SCT M35 BKN 80 OVC	20		R-	928	44	36	28	09		935	HIR CLDS VSB	EP
SA	0950	20 SCT M40 BKN 80 OVC	20			932	47	36	19	14		937	RE01/21718 18// 41	EP
SA	1045	35 SCT E90 BKN 250 OVC	20			932	49	37	20	18	G24	937	"	EP
SA	1146	35 SCT E90 BKN 250 BKN	20			930	52	38	18	17		937		EP
SA	1249	M35 BKN 100 ~~OVE~~ BKN	20			926	52	38	23	14		936	803 1230	EP
SA	1350	35 SCT 50 SCT	20			923	52	37	24	15		934		EP
SA	1450	35 SCT 90 SCT 250 SCT	20			922	54	37	23	10		935	TCU NE-SE	EP
SA	1548	35 SCT 250 - BKN	20			921	53	35	24	12		934	CB SE VIRGA SW/605	MG
—	—												1301 54 RADAT 74071	—
SA	1646	35 SCT E250 OVC	20			925	52	37	24	10		935	CB NE MOVE NE	MG
SA	1745	35 SCT E250 OVC	20			928	49	36	27	06		935	CB SE MOVE NE	MG
SA	1845	35 SCT E250 OVC	20			936	47	39	03	05		937	308 1401	MG
SA	1945	35 SCT E250 BKN	20			941	46	40	25	02		938		MG
SA	2045	35 SCT E250 BKN	20			944	45	40	36	05		939		MG
SA	2148	35 SCT E250 BKN	20			952	43	39	06	03		941	314 1401 54	MG
SA	2245	E250 BKN	20			951	42	38	01	04		941		MG
SA	2347	E250 OVC	20			952	45	39	27	05		942		MG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $_1R_{i_x}hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 3

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	25.905	47.0	44.3	82	10	10	SC	M30												10	7	.085			00-01
01 49	25.910	46.7	44.6	86	10															10					01-02
02 50	25.920	46.5	44.3	85	10															10					02-03
03 50	25.910	46.0	44.4	89	10	10	SC	M34												10	6	.075			03-04
04 47	25.920	44.5	43.5	93	10															10					04-05
05 46	25.950	42.0	40.5	89	10															10					05-06
06 48	25.960	41.2	39.2	85	10	2	SCFRA	5	2	CU	12	3	9	SC	M32	10				10	1	.050			06-07
07 46	25.990	41.8	38.9	78	10															10					07-08
08 45	26.000	44.3	40.3	72	10															10					08-09
09 50	26.020	46.8	41.8	67	10	1	CU	20	6	SC	M40	6	4	SC	80	10				10	2	.060			09-10
10 45	26.020	48.9	42.9	63	10															10					10-11
11 46	26.020	51.6	44.7	59	9															8					11-12
12 49	26.010	51.8	44.7	58	8	8	CU	M35	1	AC	100	8								8	8	.010			12-13
13 50	25.995	52.4	44.8	56	5															5					13-14
14 50	26.000	54.1	45.5	52	4															4					14-15
15 48	25.995	53.3	44.3	50	7	2	CB	35	6	CI	250	7								3	6	.015			15-16
16 46	26.000	51.5	44.3	57	10															7					16-17
17 45	26.000	48.7	42.4	60	10															6					17-18
18 45	26.020	47.3	43.3	73	10	4	SC	35	6	CI	F250	10								6	3	.025			18-19
19 45	26.030	45.8	43.0	81	8															6					19-20
20 45	26.040	45.3	42.8	82	7															4					20-21
21 48	26.060	43.2	41.0	84	7	2	SC	35	5	CI	F250	7								4	3	.040			21-22
22 45	26.060	42.4	40.4	85	7															4					22-23
23 47	26.070	44.7	41.7	79	10															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	.17	0	X	47	46	X	X						X		
	0344	1	.21	0	0	47	46		2								
	0943	2	.18	0	0	47	41		2								
	1544	3	0	0	0	54	47		1								
	2144	4	0	0	0	53	43		1								
	MID.	X	0	0	0	45	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	25.910	26.020	25.995	26.060
BAROGRAPH 64	25.910	26.000	25.980	26.045
BAR. CORR. 65	0	+.020	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (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	41	.35	0	0	30	SW	0708					8	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CONT	0440			
R	0440	0500			
R-	0500	0901			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0200P ±2 Sec./ 2010P ±2 Sec./ ± Sec.

1249P / 1249P

0950P 22018 1249P

SP / 2

RS / 0

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 4

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVERS INITIALS (15)
SA	0052	20 SCT E 250 OVC	20			955	44	39	29	06		943	307 1407	
SP	0108	M20 BKN 37 OVC	20		RW-				23	07		943		
SP	0131	20 SCT M37 OVC	20						27	04		944		
SA	0148	20 SCT M30 OVC	20			959	44	40	33	06		945	RB06E12	
SP	0215	8 SCT M 20 OVC	5		RW				01	04		946		
SA	0250	8 SCT M 22 OVC	20		RW-	962	44	40	33	06		946	RB01	
SA	0349	8 SCT M22 BKN 30 OVC	15		R-	974	44	41	00	00		949	31716 18// 42 20034	EP
													RADAT 95066	
SA	0448	9SCT M24 BKN 30 OVC	20			978	43	40	24	06		950	RE42	EP
RS	0548	M8 BKN 240VC	20			988	43	41	26	08		952		EP
SP	0625	7 SCT M230VC	20						24	05		954	HIR CLDS VSB	EP
SA	0646	7SCT M230VC	20			996	43	40	28	04		954	HIR CLDS VSB/31704	EP
													15//	
SA	0746	9 SCT M 18 OVC	20			006	44	39	24	06		957	HIR CLDS VSB	EP
SA	0847	8SCT M190VC	20			012	45	41	23	12		959	OCNL BINOVC	EP
RS	0950	10SCT 19SCT 250SCT	20			020	47	41	22	07		961	22004 1101 42	EP
SA	1047	20SCT 100SCT 250SCT	20			026	50	40	22	13		963		EP
SA	1150	20SCT 250SCT	20			024	52	38	22	14		963		EP
SA	1248	20SCT	20			018	55	38	20	13		962	003 1200	EP
SA	1346	25SCT 250SCT	20			014	56	33	20	08		961	CB DSNT E	EP
SA	1450	35SCT	20			021	58	29	29	15		963		EP
SA	1549	50SCT	20			029	58	30	30	14		965	310 1100 59 RADAT 65077	
SA	1653	50SCT	20			038	56	28	31	13		968	CB DSNT S	
SA	1751	CLR	20			050	52	33	32	08		971		
SA	1845	CLR	20			065	48	33	31	09		974	227 1400	
SA	1945	CLR	20			070	46	34	28	06		975		
SA	2045	CLR	20			078	44	35	32	02		978		
SA	2147	CLR	20			080	45	33	24	05		979	214 59	
SA	2245	CLR	20			086	43	35	05	03		981		
SA	2345	CLR	20			088	40	35	05	05		981		

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 4

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	26.080	44.2	41.8	83	10	4	SC	20	10	CS	E250	10								7	3	.020			00-01
01 48	26.090	43.8	42.0	87	10															10					01-02
02 50	26.100	44.0	42.0	86	10															10					02-03
03 49	26.130	43.8	42.2	88	10	3	STFRA	8	6	CUFRA	M22	7	4	SC	30	10				10	3	.050			03-04
04 48	26.140	43.2	41.8	90	10															10					04-05
05 48	26.160	43.3	41.9	90	10															10					05-06
06 46	26.180	43.4	41.9	89	10	3	STFRA	7	9	SC	M23	10								10	3	.050			06-07
07 46	26.205	44.3	41.9	83	10															10					07-08
08 47	26.220	44.9	42.8	85	10															10					08-09
09 50	26.240	47.0	43.7	78	5	1	CUFRA	10	5	CU	19	5	0	CI	250	5				5	2	.060			09-10
10 47	26.260	50.0	44.8	68	3															3					10-11
11 50	26.260	52.0	45.1	59	3															3					11-12
12 48	26.250	54.6	46.0	53	2	2	CU	20												2	0	.010			12-13
13 46	26.240	55.5	44.8	43	3															3					13-14
14 50	26.260	57.9	44.5	33	2															2					14-15
15 49	26.280	57.9	44.9	35	4	4	CU	50												4	3	.030			15-16
16 53	26.300	55.6	43.1	35	1															1					16-17
17 51	26.330	51.5	42.9	50	0															0					17-18
18 45	26.360	48.3	41.2	55	0	0	SC	50												0	2	.080			18-19
19 45	26.370	45.8	40.4	64	0															0					19-20
20 45	26.390	44.0	39.7	70	0															0					20-21
21 47	26.400	44.6	39.1	62	0															0	2	.040			21-22
22 45	26.420	42.5	39.1	75	0															0					22-23
23 45	26.420	40.1	37.8	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 0344	X	.16	0	X	45	44	X	X						X		
	0344	1	.16	0	0	45	42		2								
	0945	2	.04	0	0	47	43		1								
	1545	3	0	0	0	59	47		1								
	2143	4	0	0	0	58	43		1								
	MID.	X	0	0	0	45	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.130	26.240	26.280	26.400
BAROGRAPH 64	26.120	26.240	26.270	26.390
BAR. CORR. 65	+.010	0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
59	40	.20	0	0	24	SW	*1320					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0106	0112			
RW-	0201	0210			
RW	0210	0226			
RW-	0226	0315			
RW	0315	0331			
R-	0331	0442			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0830P ±2 Sec./ 1820P ±2 Sec./ ± Sec.

* LAST OF SEVERAL OCCURANCES

SP/4
RS/2

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 5

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			091	38	35	01	04		982	110	HG
SA	0150	250-SCT	20			095	37	34	07	02		983		HG
SA	0250	250-SCT	20			097	37	34	07	04		984		HG
SA	0349	250-SCT	20			099	41	33	16	05		985	210 1001 37 20004 RADAT 48040	EP
SA	0446	CLR	20			102	39	32	13	03		986		EP
SA	0548	CLR	20			107	35	31	01	03		986		EP
SA	0647	CLR	20			115	36	33	00	00		987	307	EP
SA	0746	CLR	20			124	43	36	00	00		991		EP
SA	0845	CLR	20			126	48	39	00	00		992		EP
SA	0945	CLR	20			126	51	35	26	05		992	115 1001 35	EP
SA	1048	CLR	20			124	54	36	20	08		992		EP
SA	1149	CLR	20			120	56	36	23	13		991		EP
SA	1247	CLR	20			111	59	33	24	10		988	812 1100	EP
SA	1345	CLR	20			108	59	35	24	09		987		EP
SA	1450	250-SCT	20			104	60	34	25	10		986		EP
SA	1552	250-SCT	20			103	60	36	25	11		986	607 1101 60 RADAT 22092	HG
SA	1647	250-SCT	20			108	56	36	24	09		987		HG
SA	1749	250-SCT	20			116	53	30	25	08		988		HG
SA	1850	250-SCT	20			124	53	36	26	06		991	314 1001	HG
SA	1950	250-SCT	20			126	49	37	04	08		992		HG
SA	2052	250-SCT	20			124	47	38	02	07		992		HG
SA	2149	CLR	20			126	47	37	35	06		993	207 60	HG
SA	2248	CLR	20			131	47	35	32	07		995		HG
SA	2345	CLR	20			130	46	36	34	07		995		HG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-72) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 5

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.430	38.4	36.7	87	0															0	1	.030			00-01
01 50	26.440	37.4	36.0	88	2															0					01-02
02 50	26.450	37.3	35.6	86	2															0					02-03
03 49	26.460	40.7	37.4	75	2	2	Ci	250												0	2	.030			03-04
04 46	26.470	38.7	35.8	77	0															0					04-05
05 48	26.465	35.0	33.3	85	0															0					05-06
06 47	26.480	36.2	34.7	87	0															0	3	.020			06-07
07 46	26.510	42.8	39.5	76	0															0					07-08
08 45	26.520	47.9	40.9	56	0															0					08-09
09 45	26.525	50.9	43.3	55	0	0	Ci	250												0	1	.045			09-10
10 48	26.520	53.5	45.0	52	0															0					10-11
11 49	26.510	55.8	46.0	48	0															0					11-12
12 47	26.490	58.5	46.0	38	0	0	Cu	60												0	8	.035			12-13
13 45	26.480	58.5	46.6	40	0															0					13-14
14 50	26.470	59.8	47.2	38	2															0					14-15
15 52	26.470	59.6	47.6	41	3	0	Cu	60	3	Ci	250	3								0	6	.020			15-16
16 47	26.480	56.3	46.0	46	3															0					16-17
17 49	26.490	54.9	43.3	38	3															1					17-18
18 50	26.510	52.5	44.3	53	3	3	Ci	250												0	3	.040			18-19
19 50	26.520	49.2	43.2	63	3															0					19-20
20 52	26.520	47.2	42.5	69	3															0					20-21
21 49	26.530	46.9	41.9	67	0															0	2	.020			21-22
22 48	26.515	46.6	41.3	65	0															0					22-23
23 45	26.515	45.8	41.2	69	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	41	37	X	X						X		
	0345	1	0	0	0	45	37		1								
	0942	2	0	0	0	51	35		1								
	1517	3	0	0	0	60	51		0								
	2145	4	0	0	0	60	47		0								
	MID.	X	0	0	0	47	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0943	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.525	26.470	26.530
BAROGRAPH 64	26.440	26.525	26.480	26.525
BAR. CORR. 65	+.020	* 0	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	35	0	0	0	17	W	1543					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0958 ±2 Sec./ 1855P ±2 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED RESET TO 0 COR
0845P - 33 - 0951P

SP/0
RS/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1123

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 6

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			131	44	36	03	06		995	107	KG
SA	0152	CLR	20			137	42	38	03	03		996		KG
SA	0250	250-SCT	20			133	41	36	02	07		995		KG
SA	0353	CLR	20			140	41	36	20	05		998	307 40 RADAT 37094	JC
SA	0454	CLR	20			151	40	36	36	03		000		JC
SA	0554	CLR	20			156	38	34	10	04		001		JC
SA	0652	CLR	20			164	41	37	25	05		003	217	JC
SA	0754	CLR	20			173	45	37	10	05		007	FEW CU E AND S	JC
SA	0854	CLR	20			168	50	40	25	02		005	FEW CU S	JC
SA	0951	50 SCT	20			167	52	40	30	04		005	007 1100 38	JC
SA	1052	50 SCT	20			174	56	42	23	10		008		JC
SA	1153	50 SCT	20			169	57	41	28	06		007		JC
SA	1254	CLR	20			161	59	42	21	07		004	803 1100	JC
SA	1345	CLR	20			159	60	40	28	06		003	FEW CU 50	JC
SA	1452	CLR	20			151	61	42	22	07		001	FEW CU 50	JC
SA	1550	50 SCT 250 -BKN	20			152	59	42	23	11		001	610 1048 62 RADAT 35700	WRC
SA	1650	50 SCT 250 - SCT	20			161	58	41	23	13		003	1048	WRC
SA	1750	50 SCT 140 SCT 250 - BKN	20			169	56	40	27	08		005		WRC
SA	1850	140 SCT 250 - BKN	20			169	53	41	28	07		005	114 1048	WRC
SA	1950	140 SCT 250 - SCT	20			167	53	42	22	07		005		WRC
SA	2050	140 SCT 250 - BKN	20			165	53	41	02	04		005		WRC
SA	2150	250 - BKN	20			163	50	42	03	07		004	803 1008 62	WRC
SA	2250	250 - BKN	20			165	49	42	04	04		005		WRC
SA	2350	250 - BKN	20			159	50	40	34	07		004		WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 6

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.530	43.7	40.2	75	0															0	1	.020			00-01
01 52	26.560	41.8	39.8	86	0															0					01-02
02 50	26.550	40.6	38.4	83	2															0					02-03
03 53	26.570	40.7	38.4	82	0															0	3	.020			03-04
04 54	26.590	39.8	38.0	86	0															0					04-05
05 54	26.600	37.9	36.3	87	0															0					05-06
06 52	26.620	40.7	38.8	85	0															0	2	.050			06-07
07 54	26.650	44.7	41.1	75	0															0					07-08
08 54	26.640	50.4	45.0	67	0															0					08-09
09 51	26.640	52.4	46.0	63	1	1	CU	50												1	0	.020			09-10
10 52	26.660	56.4	48.8	59	4															4					10-11
11 53	26.650	52.2	48.6	55	3															2					11-12
12 54	26.630	58.3	49.9	52	0	0	CU	50												0	8	.010			12-13
13 45	26.620	59.7	49.2	48	0															0					13-14
14 52	26.600	60.8	50.8	51	0															0					14-15
15 50	26.600	58.9	49.8	53	8	1	SC	50	8	CS	250	8								3	6	.030			15-16
16 50	26.620	58.4	49.3	53	4															1					16-17
17 50	26.640	56.4	47.8	54	7															3					17-18
18 50	26.640	53.4	47.0	63	8	2	AC	140	6	CS	250	8								4	1	.040			18-19
19 50	26.640	53.0	47.0	65	4															1					19-20
20 50	26.640	53.2	46.7	62	6															2					20-21
21 50	26.630	50.0	45.9	74	9	9	CS	250												4	8	.010			21-22
22 50	26.640	46.7	45.0	76	9															4					22-23
23 50	26.630	49.6	44.9	70	9															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	46	40	X	X						X		
	0347	1	0	0	0	47	40		0								
	0945	2	0	0	0	53	38		0								
	1546	3	0	0	0	62	52		0								
	2146	4	0	0	0	61	50		0								
	MID.	X	0	0	0	50	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.640	26.600	26.630
BAROGRAPH 64	26.560	26.645	26.600	26.625
BAR. CORR. 65	+.010	-.005	±0.0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	38	0	0	0	13	SW	1647					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0944P ±3 Sec./ 1945P ±3 Sec./ ± Sec.

1550P 1408 1850P

S/P 0

R/S 0

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

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

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 7

TO CONVERT LST TO GMT: ADD 5 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	140 SCT E250 OVC	20			155	49	41	04	08		003	803 1077	WRC
SA	0150	E140 BKN 250 OVC	20			146	49	40	10	06		001		WRC
SA	0250	E120 BKN 230 OVC	20			139	48	40	13	06		998		WRC
SA	0351	E140 BKN 250 OVC	20			132	49	40	06	06		997	720 1078 48 RADAT	JC
/													58087	/
SA	0455	E140 BKN 250 OVC	20			132	49	40	02	04		997		JC
SA	0550	E140 BKN 250 OVC	20			141	49	41	32	09		999		JC
SA	0651	E140 BKN 250 OVC	20			158	50	40	34	10		003	320 1178	JC
SA	0753	140 SCT E250 BKN	20			162	56	34	35	02		005		JC
SA	0852	250 SCT	20			165	56	35	24	05		007	FEW CU AND AC SE	JC
SA	0953	250-SCT	20			168	56	36	27	06		007	110 1101 48	JC
SA	1052	250-SCT	20			170	59	40	19	05		008		JC
SA	1154	250-SCT	20			158	61	43	24	07		004		JC
SA	1253	250-SCT	20			157	62	42	25	11		004	607 1101	JC
SA	1351	250-SCT	20			153	63	43	21	12		003		JC
SA	1450	250-SCT	20			149	64	39	24	13		002		JC
SA	1550	60 SCT 250 -BKN	20			145	62	39	24	14		001	710 1201 64 RADAT 41100	WRC
SA	1650	60 SCT 250 -BKN	20			150	63	36	24	12		002		WRC
SA	1750	60 SCT 250 -BKN	20			156	58	38	26	08		003		WRC
SA	1850	60 SCT 250 SCT	20			162	55	41	31	06		004	[illegible]	WRC
SA	1950	60 SCT 250 SCT	20			162	54	41	35	07		005		WRC
SA	2050	60 SCT 250 SCT	20			166	54	40	02	09		006		WRC
SA	2150	60 SCT 250 SCT	20			168	51	41	04	07		007	108 1401 64	WRC
SA	2250	60 SCT 250 SCT	20			167	50	41	05	04		007		WRC
SA	2350	60 SCT 250 SCT	20			167	49	41	06	06		007		WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 7

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.620	49.0	44.8	73	10	3	AC	140	7	CS	E250	10								6	4	.010			00-01
01 50	26.600	49.3	44.7	71	10															8					01-02
02 50	26.580	48.2	44.0	73	10															8					02-03
03 51	26.560	48.6	44.2	72	10	7	AC	E140	3	CS	250	10								10	7	.060			03-04
04 55	26.560	48.6	44.2	72	10															10					04-05
05 50	26.580	48.6	44.7	75	10															10					05-06
06 51	26.620	50.0	44.8	68	10	0	CU	60	6	AC	E140	6	4	CS	250	10				9	3	.060			06-07
07 53	26.640	55.8	45.0	43	7															4					07-08
08 52	26.650	56.0	45.8	46	1															1					08-09
09 53	26.650	55.7	46.0	48	1	0	CU	60	1	CI	250	1								0	1	.030			09-10
10 52	26.660	58.7	49.0	51	3															1					10-11
11 54	26.630	60.8	50.3	51	2															0					11-12
12 53	26.630	62.2	51.2	48	2	0	CU	60	2	CI	250	2								0	6	.0020			12-13
13 51	26.620	63.0	51.8	47	1															0					13-14
14 50	26.610	63.9	50.8	40	3															0					14-15
15 50	26.600	62.3	50.1	43	8	1	CU	60	8	CI	250	8								3	7	.030			15-16
16 50	26.610	62.6	48.9	37	8															3					16-17
17 50	26.620	58.4	47.9	47	8															4					17-18
18 50	26.630	55.3	47.7	58	5	2	SC	60	3	CI	250	5								3	2	.030			18-19
19 50	26.640	53.9	47.0	61	3															2					19-20
20 50	26.650	54.0	46.9	60	3															2					20-21
21 50	26.655	51.3	45.8	67	3	2	SC	60	1	CI	250	3								2	1	.025			21-22
22 50	26.655	50.0	45.5	72	3															2					22-23
23 50	26.655	49.3	45.2	74	5															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 0345	X	0	0	X	50	48	X	X						X		
	0345	1	0	0	0	50	48		0								
	0946	2	0	0	0	57	48		0								
	1546	3	0	0	0	64	56		0								
	2146	4	0	0	0	63	51		0								
	MID.	X	0	0	0	51	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0747	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.650	26.600	26.655
BAROGRAPH 64	26.550	26.650	26.585	26.640
BAR. CORR. 65	+.010	±0	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
64	48	0	0	0	14	SW	1549					4	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0931P ±3 Sec./ 1905P ±3 Sec./ ± Sec.

SP/0
RS/0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION

DATE 1983 MAR 8

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	60 SCT 250 SCT	20			168	50	40	00	00		007	202 1401	WRC
SA	0150	250 - SCT	20			171	47	41	05	03		008		WRC
SA	0250	250 - SCT	20			171	46	40	10	03		008		WRC
SA	0354	250 SCT	20			170	45	40	10	06		008	000 1001 44 RADAT	JC
/													63099	/
SA	0454	E140 BKN 250 BKN	20			174	45	39	11	05		009		JC
SA	0553	E140 BKN 250 OVC	20			184	46	41	19	02		011		JC
SA	0652	E140 BKN	20			185	48	40	22	04		011	110 1070	JC
SA	0750	E140 BKN	20			191	52	41	14	05		013		JC
SA	0852	E140 OVC	20			189	55	41	04	03		013		JC
SA	0953	E110 BKN 250 BKN	20			188	60	42	06	06		013	107 1071 44	JC
SA	1051	110 SCT 250 - BKN	20			184	62	40	33	04		012	FEW CU SE	JC
SA	1155	250 - OVC	20			178	63	40	02	06		011	FEW CU ALQDS	JC
SA	1250	250 - OVC	20			173	68	43	30	04		010	710 1101	JC
SA	1351	250 - OVC	20			170	68	40	30	06		009	FEW CU 60	JC
SA	1450	250 - BKN	20			166	69	39	20	02		008	FEW CU 60	JC
SA	1550	60 SCT 250 - BKN	20			164	70	39	21	05		007	608 1101 70 RADAT 53107	WRC
SA	1650	60 SCT 250 - SCT	20			168	68	39	25	07		008		WRC
SA	1750	250 - SCT	20			174	63	40	23	06		009	FEW SC	WRC
SA	1850	250 - SCT	20			182	59	42	32	03		011	312 1001	WRC
SA	1950	250 - SCT	20			186	55	46	00	00		012		WRC
SA	2050	250 - SCT	20			189	54	44	00	00		013		WRC
SA	2150	250 - SCT	20			191	53	43	05	04		014	210 1001 70	WRC
SA	2250	250 - SCT	20			196	50	43	03	04		015		WRC
SA	2350	250 - SCT	20			196	48	42	00	00		015		WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Jliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 8

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.660	50.0	45.0	69	4	3	Sc	60	1	Ci	250	4								3	2	.005			00-01
01 50	26.665	47.2	43.8	78	3															1					01-02
02 50	26.665	46.0	42.8	78	2															1					02-03
03 54	26.660	44.8	42.2	81	1	1	Ci	250												1	0	.000			03-04
04 54	26.670	45.4	42.3	78	7															6					04-05
05 53	26.690	46.4	43.6	81	10															9					05-06
06 52	26.690	48.2	44.2	74	9	9	Ac	E140												7	1	.030			06-07
07 50	26.710	51.6	46.0	67	9															8					07-08
08 52	26.710	55.1	42.7	59	10															6					08-09
09 53	26.710	59.6	50.0	52	9	9	Ac	E110	0	Ci	250	9								8	1	.020			09-10
10 51	26.700	61.8	50.1	44	7															3					10-11
11 55	26.690	63.4	50.9	42	10															1					11-12
12 50	26.680	62.6	54.0	42	10	0	Cu	60	10	Ci	250	10								1	7	.030			12-13
13 51	26.670	68.2	52.9	36	10															0					13-14
14 50	26.660	69.0	52.8	34	8															0					14-15
15 50	26.655	70.1	53.3	32	8	2	Cu	60	8	Ci	250	8								3	6	.035			15-16
16 50	26.660	68.3	52.6	35	4															1					16-17
17 50	26.675	63.2	50.9	43	2															1					17-18
18 50	26.690	59.1	50.0	54	3	3	Ci	250												1	3	.035			18-19
19 50	26.700	55.2	49.8	70	2															1					19-20
20 50	26.710	54.3	48.8	69	2															1					20-21
21 50	26.720	53.2	47.7	68	2	2	Ci	250												1	2	.030			21-22
22 50	26.730	50.3	46.3	75	2															1					22-23
23 50	26.730	48.1	45.0	80	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	24-HR. 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	50	44	X	X						X		
	0348	1	0	0	0	51	44		0								
	0947	2	0	0	0	60	44		0								
	1546	3	0	0	0	70	60		0								
	2146	4	0	0	0	70	52		0								
	MID.	X	0	0	0	53	48	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	26.660	26.710	26.655	26.720
BAROGRAPH 64	26.680	26.705	26.650	26.715
BAR. CORR. 65	+.020	+.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 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
70	44	0	0	0	10	S	1305					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0957P ±2 Sec./ 2211P ±2 Sec./ ± Sec.

SP/O
RS/O

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 9

TO CONVERT LST TO GMT: ADD 9 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			198	48	40	05	05		016	207 1005	WRG
SA	0150	CLR	20			196	49	39	03	07		016		WRG
SA	0250	CLR	20			194	45	40	15	06		015		WRG
SA	0351	CLR	20			189	46	40	33	04		014	807 45 RADAT 43116	JC
SA	0454	CLR	20			188	44	40	07	05		013		JC
SA	0551	CLR	20			191	48	38	06	07		014		JC
SA	0652	CLR	20			196	49	39	06	08		015	303	JC
SA	0750	CLR	20			199	56	40	09	05		016		JC
SA	0854	CLR	20			194	59	42	03	08		015		JC
SA	0954	CLR	20			188	63	43	04	06		014	803 44	JC
SA	1052	250-SCT	20			185	66	42	36	04		013		JC
SA	1154	250-BKN	20			176	69	39	16	08		011	FEW CU 60	JC
SA	1248	250-BKN	20			164	71	38	02	09		008	820 1101	JC
SA	1350	250-OVC	20			156	70	35	15	07		005	FEW CU 60	JC
SA	1451	250-OVC	20			150	72	36	14	10		003	FEW CU 60	JC
SA	1550	250-OVC	20			143	71	36	18	04		001	720 1104 72 RADAT 40115	WRG
SA	1650	250-OVC	20			141	69	38	15	04		999		WRG
SA	1750	E250 OVC	20			144	65	40	19	04		001		WRG
SA	1850	250-OVC	20			149	63	41	12	04		002	303 1001	WRG
SA	1950	250-OVC	20			148	58	43	05	04		002		WRG
SA	2050	250-BKN	20			149	56	43	07	04		002		WRG
SA	2150	250-SCT	20			146	54	43	03	05		002	400 1001 72	WRG
SA	2250	250-SCT	20			144	54	41	07	03		002		WRG
SA	2350	250-BKN	20			140	53	42	07	04		001		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 9

To convert LST to GMT ADD 4 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	26.740	47.8	44.2	76	0	0	CI	250												0	2	.020			00-01
01 50	26.740	49.0	44.0	68	0															0					01-02
02 50	26.730	45.3	42.5	81	0															0					02-03
03 51	26.720	45.9	43.0	80	0															0	8	.020			03-04
04 54	26.710	44.1	42.0	85	0															0					04-05
05 51	26.720	48.2	43.0	67	0															0					05-06
06 52	26.730	49.4	44.0	66	0															0	3	.010			06-07
07 50	26.740	56.0	47.5	54	0															0					07-08
08 54	26.730	59.4	50.0	52	0															0					08-09
09 54	26.720	63.0	51.8	47	0															0	8	.010			09-10
10 52	26.710	66.0	52.6	41	2															0					10-11
11 54	26.690	68.6	52.6	34	6															0					11-12
12 48	26.660	70.8	53.0	30	8	0	CU	60	8	CI	250	8								0	8	.060			12-13
13 50	26.640	70.4	52.0	27	10															2					13-14
14 51	26.620	71.6	52.9	28	10															1					14-15
15 50	26.600	70.5	52.3	28	10	0	CU	60	10	CI	250	10								3	7	.060			15-16
16 50	26.570	68.8	52.2	32	10															5					16-17
17 50	26.600	65.3	51.9	40	10															6					17-18
18 50	26.610	62.6	51.0	45	10	10	CI	250												4	3	.010			18-19
19 50	26.610	58.4	50.1	57	10															4					19-20
20 50	26.610	56.0	49.0	62	8															4					20-21
21 50	26.610	53.7	48.2	68	3	3	CI	250												1	4	.000			21-22
22 50	26.610	54.3	47.1	60	2															1					22-23
23 50	26.600	52.5	47.1	68	6															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	49	45	X	X						X		
	0347	1	0	0	0	53	45		0								
	0948	2	0	0	0	63	44		0								
	1546	3	0	0	0	72	63		0								
	2146	4	0	0	0	71	54		0								
	MID.	X	0	0	0	55	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.720	26.600	26.610
BAROGRAPH 64	26.710	26.715	26.580	26.605
BAR. CORR. 65	+.010	+.005	+.020	+.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
72	44	0	0	0	17	SE	1232					5	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0803P ±2 Sec./ 2346P ±2 Sec./ ± Sec.

BArogram changed 1650p

SP/0

RS/0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 10

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	250 - SCT	20			140	51	43	34	03		001	603 1001	WRG
SA	0150	250 - SCT	20			137	51	41	02	07		000		WRG
SA	0250	250 - SCT	20			132	49	41	00	00		998		WRG
SA	0351	250 - SCT	20			126	48	40	02	03		997	714 1001 47 RADAT 20116	RD
SA	0447	250 - SCT	20			132	46	40	05	04		998		RD
SA	0547	E250 BKN	20			134	48	37	21	03		998		RD
SA	0648	250 SCT	20			141	47	39	06	06		999	308 1001	RD
SA	0749	250 - SCT	20			143	55	37	16	03		000		RD
SA	0847	250 - SCT	20			139	62	37	00	00		000		RD
SA	0947	250 - BKN	20			139	64	35	24	03		000	102 1001 46	RD
SA	1049	250 - BKN	20			127	66	35	29	05		998	FEW cu	RD
SA	1148	250 - SCT	20			122	68	36	24	09		996	FEW cu	RD
SA	1249	250 - BKN	20			105	70	35	19	05		991	727 1108	RD
SA	1349	80 SCT 250 - BKN	20			093	73	37	23	15		988		RD
SA	1450	80 SCT 250 - OVC	20			095	72	35	20	16		988		RD
SA	1646	80 SCT E250 OVC	20			095	70	38	22	11		987	610 1207 74 RADAT 72101	008
SA	1648	80 SCT E250 OVC	20			098	68	40	21	10		987		008
SA	1749	80 SCT E250 OVC	20			098	66	38	19	05		987		008
SA	1844	80 SCT E250 BKN	20			103	63	38	14	05		988	303 1208	008
SA	1950	80 SCT E250 BKN	20			097	61	39	07	03		987		008
SA	2050	80 SCT E250 BKN	20			093	62	37	15	06		987		008
SA	2145	E250 BKN	20			091	62	37	17	05		987	603 1008 74	008
SA	2246	E250 BKN	20			085	58	39	19	07		985		008
SA	2345	E250 BKN	20			086	59	39	20	08		986		008

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 10

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600	51.2	46.7	73	5	5	Ci	250												2	6	.010			00-01
01 50	26.590	51.3	45.8	67	2															1					01-02
02 50	26.580	48.6	44.4	75	2															1					02-03
03 51	26.560	48.2	44.0	74	2	2	Ci	250												1	7	.040			03-04
04 47	26.570	46.4	43.0	77	2															1					04-05
05 47	26.570	47.6	42.3	66	6															4					05-06
06 48	26.585	47.2	42.9	72	3	3	Ci	250												2	3	.025			06-07
07 49	26.595	54.7	46.0	52	2															1					07-08
08 47	26.590	61.9	49.1	40	2															1					08-09
09 47	26.590	63.7	49.2	34	6	6	Ci	250												1	1	.005			09-10
10 49	26.570	66.4	50.2	31	6															1					10-11
11 48	26.550	68.0	51.3	31	4															1					11-12
12 49	26.510	70.1	51.8	28	7	0	Cu	80	7	CS	250	7								1	7	.030			12-13
13 49	26.480	72.8	53.6	27	8															2					13-14
14 50	26.480	71.6	52.4	26	10															3					14-15
15 46	26.480	70.4	53.0	31	10	1	CU	80	9	CS	E250	10								9	6	.030			15-16
16 48	26.480	68.0	52.8	36	10															9					16-17
17 49	26.480	65.5	51.1	37	10															10					17-18
18 44	26.490	63.3	50.0	39	7	1	CU	80	6	CS	E250	7								6	3	.010			18-19
19 50	26.480	61.4	49.6	43	6															6					19-20
20 50	26.480	61.8	48.8	39	7															7					20-21
21 45	26.480	61.6	49.0	40	8	8	CS	E250												8	6	.010			21-22
22 46	26.460	58.0	48.0	49	8															8					22-23
23 45	26.470	58.7	48.3	47	8															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	53	47	X	X						X		
	0344	1	0	0	0	55	47		0								
	0941	2	0	0	0	64	46		0								
	1540	3	0	0	0	74	64		0								
	2140	4	0	0	0	70	59		0								
	MID.	X	0	0	0	62	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0946	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.590	26.480	26.480
BAROGRAPH 64	26.565	26.590	26.480	26.470
BAR. CORR. 65	-.005	0	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	46	0	0	0	20	SW	1406					6	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0826P ±2 Sec./ 2155P ±2 Sec./ ± Sec.

RS - 0

SP - 0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 11

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0046	E250 BKN	20			087	57	38	20	10		986	503 1008	008
SA	0145	E250 BKN	20			087	55	38	19	09		986		008
SA	0246	E250 BKN	20			083	56	34	14	08		985		008
SA	0353	60 SCT 160 SCT E200 BKN	20			079	58	30	16	09		984	807 1178 54 RADAT 90093	RD
SA	0447	60 SCT 160 SCT E200 BKN	20			088	55	31	27	04		986		RD
SA	0550	160 SCT E200 BKN	20			093	55	31	11	05		987	FEW Cu	RD
SA	0651	160 SCT 220 - OVC	20			096	53	32	18	03		987	ACSL SE/208 1048	RD
SA	0748	160 SCT 220 - OVC	20			115	55	34	35	09		993	ACSL SE	RD
SA	0850	160 SCT 220 - OVC	20			115	57	36	24	12		993		RD
SA	0951	160 SCT E220 OVC	20			106	64	32	22	11		992	015 1177 51	RD
SA	1049	160 SCT E220 OVC	20			114	64	34	27	11		993		RD
SA	1149	160 SCT E220 OVC	20			113	64	35	22	12		993	Cu SE	RD
SA	1246	160 SCT E220 OVC	20			110	63	38	27	09		992	000 1157	RD
SA	1350	E220 OVC	20			106	64	38	25	08		991		RD
SA	1450	E220 OVC	20			102	65	38	28	06		990		RD
SA	1550	80 SCT 150 SCT E250 OVC	20			098	65	38	22	06		988	710 1277 66 RADAT 46101	008
SA	1650	80 SCT 150 SCT E250 OVC	20			102	65	35	26	06		990		008
SA	1745	150 SCT 250 - OVC	20			108	61	36	28	06		991		008
SA	1844	250 - BKN	20			118	58	37	31	05		993	314 1008	008
SA	1943	250 - BKN	20			131	54	38	35	06		996		008
SA	2050	250 SCT	20			136	50	41	04	04		997		008
SA	2145	250 SCT	20			129	50	41	17	01		996	210 1008 66	008
SA	2250	250 SCT	20			130	48	40	04	04		996		008
SA	2346	250 SCT	20			131	46	40	05	03		996		008

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 11

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.470	57.4	47.6	49	8	8	CS	E250												8	5	.010			00-01
01 45	26.470	55.2	46.6	53	8															8					01-02
02 46	26.460	56.3	45.5	43	8															8					02-03
03 53	26.450	58.0	45.0	35	9	1	Cu	60	4	Ac	160	5	4	CS	E200	9				9	8	.020			03-04
04 47	26.460	54.9	43.8	40	9															8					04-05
05 50	26.470	55.0	43.7	39	9															8					05-06
06 51	26.475	53.3	43.3	44	10	3	Ac	160	7	CS	220	10								5	2	.025			06-07
07 48	26.525	54.7	44.8	46	10															4					07-08
08 50	26.530	57.4	46.6	44	10															5					08-09
09 51	26.520	63.8	48.0	30	10	0	Cu	80	2	Ac	160	2	10	CS	E220	10				6	0	.045			09-10
10 49	26.530	64.0	49.0	33	10															6					10-11
11 47	26.530	64.2	49.4	34	10															8					11-12
12 46	26.520	63.4	50.1	39	10	0	Cu	80	1	Ac	160	1	10	CS	E220	10				8	0	.000			12-13
13 50	26.510	64.1	50.2	38	10															9					13-14
14 50	26.500	64.8	50.6	37	10															8					14-15
15 50	26.490	65.1	50.6	36	10	1	Cu	80	2	AC	150	3	7	CS	E250	10				9	7	.030			15-16
16 50	26.500	64.7	49.6	33	10															7					16-17
17 45	26.510	61.4	48.4	39	10															4					17-18
18 44	26.530	57.8	47.4	46	6	6	CS	250												2	3	.040			18-19
19 43	26.560	54.2	46.0	54	6															2					19-20
20 50	26.570	50.1	45.4	71	4															4					20-21
21 45	26.560	50.3	45.3	69	4	4	CS	250												4	2	.030			21-22
22 50	26.560	47.6	43.9	76	4															4					22-23
23 46	26.560	46.1	42.9	78	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	59	54	X	X						X		
	0342	1	0	0	0	62	54		0								
	0944	2	0	0	0	64	51		0								
	1542	3	0	0	0	66	62		0								
	2140	4	0	0	0	65	50		0								
	MID.	X	0	0	0	50	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1549	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.520	26.490	26.560
BAROGRAPH 64	26.450	26.520	26.495	26.560
BAR. CORR. 65	0	0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	46	0	0	0	21	SW	1001					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0751P ±2 Sec./ 2149P ±2 Sec./ ± Sec.

RS - 0
SP - 0

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 12

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0049	250 SCT	20			131	45	39	22	02		996	400 1008	008
SA	0146	250 SCT	20			131	45	39	08	04		996		008
SA	0245	250 SCT	20			135	45	38	32	02		997		008
SA	0350	250 SCT	20			133	44	38	10	04		997	002 1008 42 RADAT 20103	RD
SA	0446	250 SCT	20			136	43	37	13	05		998		RD
SA	0551	250 SCT	20			142	43	36	10	04		999		RD
SA	0648	250 SCT	20			147	43	38	00	00		000	208 1001	RD
SA	0947	CLR	20			156	50	38	30	05		003		RD
SA	0846	CLR	20			142	57	38	12	08		999		RD
SA	0950	CLR	20			134	62	34	19	04		998	807 1001 42	RD
SA	1046	250 -BKN	20			150	63	36	23	11		002		RD
SA	1147	250 -BKN	20			146	64	40	23	07		001		RD
SA	1247	250 -OVC	20			130	65	38	24	07		996	FEW CU / 805 1107	RD
SA	1348	E250 OVC	20			126	66	35	24	08		996		RD
SA	1450	E250 OVC	20			117	66	38	24	15		993		RD
SA	1546	E250 OVC	20			123	65	33	23	10		994	505 1007 68 RADAT 20119	008
SA	1649	E250 BKN	20			128	65	26	23	10		995		008
SA	1748	250 -BKN	20			127	61	23	24	08		994	~~202~~ ~~265~~ 1008 (COR 0310)	008
SA	1846	250 SCT	20			131	56	28	02	07		995		008
SA	1950	250 SCT	20			130	53	30	35	06		996		008
SA	2045	250 SCT	20			127	53	30	02	06		996		008
SA	2150	250 SCT	20		127	~~132~~	50	32	03	10		996	102 1008 68	008
SA	2250	250 SCT	20			125	50	33	14	02		996		008
SA	2347	250 SCT	20			120	52	34	36	02		994		008

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

☆ U.S. G.P.O. 1982-504-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 12

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.560	45.3	42.4	79	4	4	CS	250												4	4	.000			00-01
01 46	26.560	44.5	41.6	79	4															4					01-02
02 45	26.570	45.2	41.8	77	4															4					02-03
03 50	26.565	44.0	41.0	79	3	3	CS	250												3	0	.005			03-04
04 46	26.570	43.1	40.2	79	3															3					04-05
05 51	26.580	43.4	40.0	75	5															5					05-06
06 48	26.590	43.1	40.6	82	1	1	CI	250												1	2	.025			06-07
07 47	26.615	49.9	44.0	64	0															0					07-08
08 46	26.585	56.8	47.3	50	0															0					08-09
09 50	26.570	62.0	48.0	35	0	0	CI	250												0	8	.020			09-10
10 46	26.610	62.9	49.1	37	8															3					10-11
11 47	26.600	64.0	51.0	41	9															3					11-12
12 47	26.555	64.9	50.7	37	10	0	CU	80	10	CS	250	10								3	8	.015			12-13
13 48	26.550	66.4	50.2	31	10															6					13-14
14 50	26.530	66.0	51.0	35	10															7					14-15
15 46	26.540	64.7	49.0	31	10	10	CS	250												9	5	.015			15-16
16 49	26.550	64.8	46.8	23	9															9					16-17
17 48	26.540	60.9	44.3	23	8															8					17-18
18 46	26.545	56.0	43.3	34	3	3	CS	250												2	2	.005			18-19
19 50	26.550	53.3	42.6	41	2															2					19-20
20 45	26.550	52.6	42.2	41	2															2					20-21
21 50	26.550	50.4	42.0	50	2	2	CS	250												2	1	.005			21-22
22 50	26.550	50.3	42.0	50	2															2					22-23
23 47	26.540	51.8	43.3	50	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	46	42	X	X						X		
	0344	1	0	0	0	50	42		0								
	0945	2	0	0	0	62	42		0								
	1540	3	0	0	0	68	62		0								
	2147	4	0	0	0	65	50		0								
	MID.	X	0	0	0	52	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1545	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.570	26.540	26.550
BAROGRAPH 64	26.555	26.565	26.545	26.560
BAR. CORR. 65	+.010	+.005	-.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	42	0	0	0	18	SW	1357					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0750P ± 2 Sec./ 2230P ± 2 Sec./ ± Sec.

2150/2150 1846/1910

RS - 0

SP - 0

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 13

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 SCT	20			116	51	34	35	01		993	807 1008	HS
SA	0150	250 SCT	20			113	49	37	07	02		992		HS
SA	0246	250 SCT	20			118	48	35	04	05		993		HS
SA	0351	250 SCT	20			118	49	35	07	03		993	500 1008 47 RADAT 45118	HS
SA	0447	E250 BKN	20			102	49	35	06	03		989		HS
SA	0547	E250 OVC	20			108	49	38	10	03		990		HS
SA	0647	150 SCT E250 OVC	20			111	47	38	00	00		990	510 1038	HS
SA	0747	E250 BKN	20			113	50	37	18	02		991	FEW AC	HS
SA	0849	250 - BKN	20			107	59	39	00	00		990	SC NW	HS
SA	0949	250 - BKN	20			115	61	39	23	08		992	SC NW 307 1508 47	HS
SA	1047	250 - BKN	20			099	64	40	22	17		988	SC NW	HS
SA	1148	250 - BKN	20			093	66	40	19	08		987	SC ALQDS	HS
SA	1247	60 SCT E 250 BKN	20			089	66	37	22	16		986	620 1508	HS
SA	1349	60 SCT E250 OVC	20			086	65	38	20	18		984		HS
SA	1450	60 SCT E120 BKN 250 OVC	20		RW-	088	64	44	20	15		984	RB41	HS
SA	1548	60 SCT 120 SCT E230 OVC	20			073	62	42	22	09		980	RE05/81700 1577 68 RADAT 94097	CRP
SA	1647	60 SCT E120 OVC	20			069	62	43	20	12		979		CRP
SA	1748	60 SCT E120 BKN 230 BKN	20			079	60	46	18	07		982		CRP
SA	1847	60 SCT 120 SCT E230 BKN	20			079	59	41	20	14		981	003 1578	CRP
SA	1948	230 SCT	20			078	57	38	24	11		981		CRP
SA	2046	CLR	20			078	56	41	32	07		982		CRP
SA	2148	CLR	20			074	57	40	22	17	G25	981	000 68	CRP
SA	2247	CLR	20			072	56	42	20	16		981		CRP
SA	2349	CLR	20			068	55	41	21	14		980		CRP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.530	50.6	42.6	52	2	2	CS	250												2	8	.020			00-01
01 50	26.520	49.4	43.1	61	2															2					01-02
02 46	26.530	48.2	42.0	61	2															2					02-03
03 51	26.530	49.0	42.2	58	2	2	CS	250												2	5	.000			03-04
04 47	26.490	49.4	42.5	56	6															6					04-05
05 47	26.500	48.8	43.4	66	10															9					05-06
06 47	26.500	47.1	42.7	71	10	1	Ac	150	9	CS	E250	10								9	5	.030			06-07
07 47	26.510	50.3	43.8	61	7															6					07-08
08 49	26.500	59.4	48.7	47	6															3					08-09
09 49	26.520	60.5	49.4	46	9	0	Sc	50	9	CS	250	9								3	3	.020			09-10
10 47	26.480	63.8	51.1	42	8															3					10-11
11 48	26.470	66.2	52.0	38	9															4					11-12
12 47	26.460	66.1	51.0	35	9	2	Sc	60	7	CS	E250	9								5	6	.060			12-13
13 49	26.450	65.1	50.8	37	10															8					13-14
14 50	26.450	63.9	52.7	48	10															10					14-15
15 48	26.410	62.2	51.1	47	10	2	Sc	60	2	Ac	120	4	6	Cs	E230	10				10	8	.050			15-16
16 47	26.400	62.4	51.8	50	10															10					16-17
17 48	26.425	59.8	51.8	60	8															8					17-18
18 47	26.420	59.3	49.7	51	7	2	Sc	60	2	Ac	120	4	3	Cs	E230	7				5	0	.010			18-19
19 48	26.420	56.8	47.0	49	3															3					19-20
20 46	26.430	56.4	48.3	57	0															0					20-21
21 48	26.420	57.0	48.2	54	0															0	0	.000			21-22
22 47	26.420	55.8	48.3	59	0															0					22-23
23 49	26.410	55.0	47.4	58	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. 39 0346	X	0	0	X	52	47	X	X						X		
	0346	1	0	0	0	52	47		0								
	0944	2	0	0	0	61	47		0								
	1545	3	T	0	0	68	60		0								
	2145	4	0	0	0	62	56		0								
	MID.	X	0	0	0	57	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.520	26.410	26.420
BAROGRAPH 64	26.515	26.510	26.410	26.420
BAR. CORR. 65	+.015	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	47	T	0	0	25	S	2139					9	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1441	1505			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0800P ±2 Sec./ 1800P ±2 Sec./ ± Sec.

BAROGRAPH CHANGED RE-SET TO "0"

RS-0
SC-0

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

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 14 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0048	CLR	20			065	55	41	22	13		979	807	CRD
SA	0150	250 SCT	20			059	53	40	24	12		976		CRD
SA	0250	250 SCT	20			050	53	35	24	14		974		CRD
SA	0348	250 SCT	20			056	52	39	25	12		976	510 1008 52 RADAT 58094	HS
SA	0448	250 SCT	20			060	51	39	25	15		977		HS
SA	0548	60 SCT 250-BKN	20			075	50	38	29	10		980		HS
SA	0647	50 SCT E110 BKN 250 OVC	20			081	50	36	31	10		982	220 1178	HS
SA	0748	50 SCT E110 BKN 250 OVC	20			090	52	35	23	08		984		HS
SA	0848	E50 BKN 120 BKN	20			096	54	36	31	04		986		HS
SA	0953	35 SCT E120 BKN 250 BKN	20			096	55	35	24	07		987	114 1278 49	HS
SA	1047	35 SCT E90 BKN	20			095	58	33	22	04		987		HS
SA	1148	35 SCT E90 BKN	20			095	59	24	34	03		987		HS
SA	1248	90 SCT	20			081	62	25	31	07		983	810 1200	HS
SA	1348	90 SCT	20			079	60	21	05	08		982		HS
SA	1445	90 SCT	20			074	63	15	30	13	G21	981		HS
SA	1550	90 SCT	20			083	63	6	30	15	G23	983	500 1100 65 RADAT 33084	CRD
SA	1650	CLR	20			089	59	4	34	16		984	CU SE	CRD
SA	1750	CLR	20			092	55	5	34	07		984		CRD
SA	1846	250 SCT	20			100	53	13	35	12		986	310 1008	CRD
SA	1951	CLR	20			101	53	16	36	14		986		CRD
SA	2048	250 SCT	20			106	50	8	05	07		988		CRD
SA	2150	120 SCT 250 SCT	20			108	49	15	02	06		989	307 1078 65	CRD
SA	2249	E120 BKN 250 OVC	20			108	50	12	01	07		989		CRD
SA	2349	E120 BKN 2500VC	20			120	49	12	03	10		993		CRD

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 14 MAR 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.400	55.0	47.8	60	0															0	8	.020			00-01
01 50	26.380	53.3	46.5	61	3															3					01-02
02 50	26.360	53.3	44.3	50	3															3					02-03
03 48	26.370	51.8	45.1	60	2	2	Cs	250												2	5	.030			03-04
04 48	26.380	51.0	45.0	64	2															2					04-05
05 48	26.410	49.9	44.1	64	8															4					05-06
06 47	26.430	50.3	43.2	57	10	2	Cu	50	5	Ac	E110	7	3	Cs	250	10				9	2	.060			06-07
07 48	26.450	52.1	43.6	51	10															9					07-08
08 48	26.460	53.9	45.0	50	9															9					08-09
09 53	26.470	54.7	45.2	48	9	4	Cu	35	3	Ac	E120	7	2	Cs	250	9				9	1	.040			09-10
10 47	26.470	58.0	45.8	39	8															8					10-11
11 48	26.470	59.1	43.7	26	8															8					11-12
12 48	26.440	61.6	45.0	24	5	5	Cu	90												5	8	.030			12-13
13 48	26.430	60.0	43.3	22	5															5					13-14
14 45	26.420	63.1	43.7	15	2															2					14-15
15 50	26.440	62.8	42.0	10	1	1	Cu	90												1	5	.000			15-16
16 50	26.450	59.3	40.0	11	0															0					16-17
17 50	26.450	55.4	38.1	13	0															0					17-18
18 46	26.470	53.3	38.3	20	1	1	Cs	250												1	3	.030			18-19
19 51	26.470	53.1	38.8	23	0															0					19-20
20 48	26.485	50.2	35.8	18	2															2					20-21
21 50	26.490	49.3	36.5	25	5	2	Ac	120	3	Cs	250	5								5	3	.020			21-22
22 49	26.495	50.0	36.3	21	10															10					22-23
23 49	26.525	49.2	35.8	22	10															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	55	52	X	X						X		
	0343	1	0	0	0	57	52		0								
	0948	2	0	0	0	55	49		0								
	1546	3	0	0	0	65	54		0								
	2147	4	0	0	0	63	49		0								
	MID.	X	0	0	0	51	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0952	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.370	26.470	26.440	26.490
BAROGRAPH 64	26.375	26.465	26.430	26.495
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 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
65	49	0	0	0	23	NW	1547					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0900P ±2 Sec./ 2000P ±2 Sec./ ± Sec.

RS-0
SP-0

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 15 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	E120 BKN 250 OVC	20			121	48	19	03	07		994	215 1077	CRD
SA	0148	E120 BKN 250 OVC	20			127	47	18	03	10		995		CRD
SA	0250	50 SCT 120 SCT 250-BKN	20			125	45	19	03	08		994		CRD
SA	0350	120 SCT 250-BKN	20			125	44	20	03	07		994	002 1078 42 RADAT 46064	HS
SA	0448	120 SCT 250 SCT	20			136	40	25	04	05		997		HS
SA	0547	CLR	20			142	40	22	10	07		998	AC SE	HS
SA	0647	CLR	20			154	41	24	09	06		001	320 1030	HS
SA	0747	CLR	20			161	44	22	01	07		003	FEW SC	HS
SA	0847	CLR	20			165	47	21	05	07		004	FEW CU	HS
SA	0950	50 SCT	20			162	51	18	04	10		004	008 1100 40	HS
SA	1049	50 SCT	20			158	54	14	34	14	G26	003		HS
SA	1149	50 SCT	20			155	54	12	33	10	G20	002		HS
SA	1249	50 SCT	20			150	56	13	36	15		001	708 1100	HS
SA	1351	50 SCT	20			142	56	4	36	13	G23	999		HS
SA	1445	CLR	20			144	56	7	36	16		999	CU ALQDS	HS
SA	1550	CLR	20			140	57	6	01	14	G23	997	810 59 RADAT 27073	CRD
SA	1649	CLR	20			148	55	7	02	13	G22	999		CRD
SA	1747	CLR	20			153	53	6	03	15		000		CRD
SA	1850	CLR	20			159	50	4	05	11		002	212	CRD
SA	1950	CLR	20			161	46	11	03	12		002		CRD
SA	2051	CLR	20			166	46	11	02	11		004		CRD
SA	2150	CLR	20			170	45	11	04	12		005	212 59	CRD
SA	2248	CLR	20			171	43	13	04	12		006		CRD
SA	2349	CLR	20			171	43	13	03	10		006		CRD

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/i123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 15 MAR 1983

To convert LST to GMT ADD 6 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.535	47.7	36.7	32	10	6	Ac	E120	4	Cs	250	10								7	2	.045			00-01
01 48	26.545	47.3	36.2	31	10															7					01-02
02 50	26.540	45.1	35.2	35	8															4					02-03
03 50	26.540	44.4	35.0	37	6	2	Ac	120	4	Cs	250	6								3	0	.005			03-04
04 48	26.560	40.1	34.1	55	4															3					04-05
05 47	26.570	40.0	33.2	49	0															0					05-06
06 47	26.600	40.7	34.1	51	0	0	Ac	120												0	3	.060			06-07
07 47	26.620	44.2	35.4	41	0															0					07-08
08 47	26.630	47.1	36.7	35	0															0					08-09
09 50	26.625	50.8	38.1	27	1	1	Cu	50												1	0	.025			09-10
10 49	26.620	53.8	38.8	20	2															2					10-11
11 49	26.610	54.2	38.6	18	2															2					11-12
12 49	26.600	55.8	39.6	18	2	2	Cu	50												2	7	.025			12-13
13 51	26.580	56.3	38.5	12	1															1					13-14
14 45	26.580	56.2	38.8	14	0															0					14-15
15 50	26.570	56.8	39.0	13	0															0	8	.030			15-16
16 49	26.585	55.3	38.3	14	0															0					16-17
17 47	26.595	52.7	36.9	15	0															0					17-18
18 50	26.605	50.3	35.2	15	0															0	2	.035			18-19
19 50	26.610	48.0	35.0	22	0															0					19-20
20 51	26.630	46.3	34.1	23	0															0					20-21
21 50	26.640	45.1	33.5	25	0															0	2	.035			21-22
22 48	26.645	43.4	32.8	29	0															0					22-23
23 49	26.645	43.1	32.7	29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	51	42	X	X						X		
	0345	1	0	0	0	51	42		0								
	0945	2	0	0	0	52	40		0								
	1547	3	0	0	0	59	51		0								
	2147	4	0	0	0	57	44		0								
	MID.	X	0	0	0	45	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.625	26.570	26.640
BAROGRAPH 64	26.540	26.625	26.565	26.640
BAR. CORR. 65	±0	±0	+.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
59	40	0	0	0	26	N	1040					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0800P ±2 Sec./ 2000P ±2 Sec./ ± Sec.

RS-0
SP-0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 16 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			165	41	15	05	10		004	803	CRD
SA	0148	CLR	20			166	40	16	06	08		004		CRD
SA	0250	CLR	20			158	41	15	04	13		002		CRD
SA	0349	CLR	20			157	40	16	08	06		002	607 40 RADAT 37064	HS
SA	0446	CLR	20			155	41	16	04	09		001		HS
SA	0547	250 - SCT	20			161	38	17	05	11		002		HS
SA	0649	250 - SCT	20			165	39	18	05	14		003	303 1001	HS
SA	0748	250 - SCT	20			164	44	15	05	13		003		HS
SA	0848	CLR	20			158	47	15	05	11		002	CI N-E	HS
SA	0948	CLR	20			154	51	14	02	05		001	807 1001 38	HS
SA	1048	CLR	20			146	54	15	12	05		999		HS
SA	1148	250 - SCT	20			134	55	11	12	04		996		HS
SA	1247	CLR	20			119	56	14	13	08		991	830 1001	HS
SA	1348	CLR	20			105	58	15	21	05		987		HS
SA	1448	CLR	20			090	61	16	21	16		983		HS
SA	1547	CLR	20			078	61	15	21	16		980	734 1070 61	SH
	—		—			—						—	RADAT 34079	—
SA	1647	CLR	20			072	59	17	21	14	977	997	FEW AC	SH
SA	1748	160 SCT 250 SCT	20			071	56	18	20	11		976		SH
SA	1846	150 SCT 250 SCT	20			072	53	15	17	13		976	610 1072	SH
SA	1945	150 SCT E250 OVC	20			065	55	18	19	13		975		SH
SA	2045	140 SCT E250 OVC	20			060	55	15	20	16		974		SH
SA	2148	140 SCT E250 OVC	20			054	54	23	20	11		973	710 1072 61	SH
SA	2247	E110 BKN 250 OVC	20			049	53	22	19	12	620	972		SH
SA	2345	E60 BKN 110 OVC	20			045	51	30	21	11		971		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: !Iiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 18 MAR 1983

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	26.630	41.0	32.0	35	0															0	8	.010			00-01
01 48	26.630	40.1	31.5	37	0															0					01-02
02 50	26.610	41.2	31.9	34	0															0					02-03
03 49	26.610	40.0	31.5	38	0															0	6	.020			03-04
04 46	26.600	40.6	31.8	37	0															0					04-05
05 47	26.610	38.3	30.8	42	4															1					05-06
06 49	26.620	39.4	31.6	42	4	4	Ci	250												1	3	.010			06-07
07 48	26.620	43.6	33.4	31	4															0					07-08
08 48	26.610	47.3	35.4	27	0															0					08-09
09 48	26.600	51.0	37.2	22	0	0	Ci	250												0	8	.020			09-10
10 48	26.580	53.6	38.9	22	0															0					10-11
11 48	26.550	54.9	38.8	17	1															0					11-12
12 47	26.510	56.3	40.1	19	0	0	Ci	250												0	8	.090			12-13
13 48	26.475	58.0	41.0	18	0															0					13-14
14 48	26.440	60.8	42.7	17	0															0					14-15
15 47	26.410	60.6	42.4	17	0	0	AC	160												0	7	.100			15-16
16 47	26.390	59.0	42.0	19	0															0					16-17
17 48	26.380	55.6	40.5	24	1															1					17-18
18 46	26.380	53.2	38.6	21	4	1	AC	150	3	Ci	250	4								4	6	.030			18-19
19 45	26.370	54.6	40.0	23	10															10					19-20
20 45	26.360	55.0	39.5	20	10															10					20-21
21 48	26.350	53.7	40.6	29	10	5	AC	140	5	Ci	250	10								10	7	.030			21-22
22 47	26.340	52.6	40.0	30	10															10					22-23
23 45	26.330	51.2	41.6	44	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 0344		0	0		43	40										
	0344	1	0	0	0	45	40		0								
	0943	2	0	0	0	52	38		0								
	1542	3	0	0	0	61	51		0								
	2144	4	0	0	0	61	53		0								
	MID.		0	0	0	54	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1544	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.600	26.410	26.350
BAROGRAPH 64	26.605	26.600	26.405	26.340
BAR. CORR. 65	+.005	±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
61	38	0	0	0	34	5	2113					1	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0700P ±2Sec./ 1805P ±2Sec./ ± Sec.

1647 / 1647

12S/0

SP/0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 17 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	M45 OVC	20		Rw-	042	42	34	20	13		970	RB25/ 71001 1711	SH
SA	0148	E70 BKN 110 OVC	20			034	48	34	18	15	G24	968	RE05	SH
SA	0245	70 SCT E110 BKN	20			022	47	33	22	10		964		SH
SA	0354	E70 BKN 110 OVC	20			026	47	34	18	14		965	51401 157/ 47	CG
/													20001 RADAT 89064	/
SA	0449	E70 BKN 110 OVC	20			027	46	33	23	12		965		CG
SA	0548	E70 BKN	20			028	46	33	25	13		965		CG
SA	0651	70 SCT	20			037	46	33	23	12		968	307 1500	CG
SA	0752	70 SCT	20			039	48	33	22	13		969		CG
SA	0849	70 SCT	20			034	50	34	23	15		968		CG
SA	0950	E70 BKN	20			034	52	33	22	16		968	000 1200 46	CG
SA	1048	E70 BKN	20			033	55	29	22	11		968		CG
SA	1147	E70 BKN	20			027	55	29	24	13		965		CG
SA	1247	E70 BKN	20			020	55	30	22	14		963	814 1200	CG
SA	1348	E70 BKN	20			009	56	28	21	16		960		CG
SA	1445	E70 BKN	20			001	57	28	22	16		958		CG
SA	1546	E70 BKN	20			002	55	28	20	13		958	617 1200 58	SH
	—		—			—						—	RADAT 63075	—
SA	1646	E70 BKN	20			998	55	28	21	15		957		SH
SA	1746	E60 BKN	20			005	50	32	20	16		958		SH
SA	1848	E50 OVC	20		Rw-	015	46	37	30	07		960	RB14/ 30703 1266	SH
SA	1946	E50 BKN	20			009	46	38	06	12		959	RE20	SH
SA	2045	E60 BKN	20			009	46	38	10	06		959		SH
SA	2147	60 SCT	20			008	46	37	05	05		959	60311 1500 58	SH
SA	2245	60 SCT	20			008	43	36	10	06		959		SH
SA	2345	E60 BKN	20			005	43	36	13	07		958		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 17 MAR 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.320	48.3	41.5	57	10	10	CUFRA	M45												10	7	.030			00-01
01 48	26.300	47.6	41.1	58	10															10					01-02
02 45	26.270	46.8	40.4	58	8															8					02-03
03 54	26.280	46.8	40.6	60	10	7	Sc	E70	3	Ac	110	10								10	5	.040			03-04
04 49	26.280	45.7	40.0	62	10															10					04-05
05 48	26.280	45.7	40.0	62	7															7					05-06
06 51	26.300	46.2	40.1	60	4	4	Sc	70												4	3	.020			06-07
07 52	26.310	47.9	41.1	57	3															3					07-08
08 49	26.300	49.8	42.2	54	3															3					08-09
09 50	26.300	51.9	43.0	49	7	7	Cu	E70												7	0	.000			09-10
10 48	26.300	55.1	43.0	36	8															8					10-11
11 47	26.280	54.5	42.7	37	9															9					11-12
12 47	26.260	55.1	43.6	39	7	7	Cu	E70												7	8	.040			12-13
13 48	26.230	56.1	43.3	34	7															7					13-14
14 45	26.210	57.8	43.7	33	6															6					14-15
15 46	26.210	55.2	43.0	35	7	7	Cu	E70												7	6	.050			15-16
16 46	26.200	54.8	42.7	35	7															7					16-17
17 46	26.210	49.8	41.7	50	6															6					17-18
18 48	26.230	46.0	41.6	70	10	10	Cu	E50												10	3	.020			18-19
19 46	26.220	45.6	41.8	74	8															8					19-20
20 45	26.220	45.6	42.0	75	6															6					20-21
21 47	26.220	45.7	41.4	71	4	4	Sc	60												4	6	.010			21-22
22 45	26.220	43.0	39.7	76	3															3					22-23
23 45	26.210	42.6	39.3	76	6															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		.01	0		51	47										
	0345	1	.01	0	0	54	47		1								
	0945	2	0	0	0	52	46		0								
	1542	3	0	0	0	58	52		0								
	2143	4	.11	0	0	55	45		2								
	MID.		0	0	0	46	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0850	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.280	26.300	26.210	26.220
BAROGRAPH 64	26.270	26.300	26.210	26.215
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
58	42	.12	0	0	27	5	1725					6	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0025	0105			
RW-	1814	1920			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0810P ✓2 Sec./ 1810P ✓2-Sec./ ± Sec.

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

0048/48/ 0600

1848/1848

RS/0

SP/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/103

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 18 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	E60 BKN	20			001	42	36	22	07		957	807 1500	SH
SA	0145	E60 OVC	20		992	~~992~~	42	37	35	05		954		SH
SA	0246	E60 OVC	20		983	~~983~~	45	32	21	10		952		SH
SA	0351	E60 OVC	20			983	45	32	20	12		952	614 15// 42 20011	CG
/													RADAT 77066	/
SA	0450	E60 OVC	20		RW-	985	42	34	19	15		952	RB21	CG
SA	0548	E60 BKN 140 OVC	20			988	42	33	20	10		952	RE08	CG
SA	0649	E60 BKN 140 OVC	20			990	43	32	22	14		952	40001 157/	CG
SA	0750	E60 BKN 140 BKN	20			998	44	32	22	13		954		CG
SA	0846	E60 BKN 140 BKN	20			995	47	31	21	14		954		CG
SA	0947	E60 BKN 140 BKN	20			998	48	32	23	13		956	11001 1570 42	CG
SA	1048	E60 BKN 250 BKN	20			999	50	33	23	17		956		CG
SA	1145	E60 BKN 250 OVC	20			995	50	32	22	14		954		CG
SA	1247	40 SCT E60 BKN 250 OVC	20			991	53	29	20	13		953	CB RWU W-N/807 1308	CG
SP	1307	40 SCT E60 BKN 250 OVC	20						31	15		954	CB RWU W-N WSHFT 05	CG
SA	1349	40 SCT E60 BKN 250 OVC	20		RW-	000	43	37	32	17		954	CB ~~RWU~~ N MOVG N+WSHFT	CG
/													05 +RB12	/
SA	1445	40 SCT E60 OVC	20		RW-	006	43	37	04	14		957	CB W AND N MOVG NE	CG
SA	1547	E50 OVC	20			012	43	36	25	08		958	CB S MOVG SE 2815	SH
													21413 13// 53	—
	—		—			—						—	RADAT 71060	—
SA	1645	40 SCT E50 OVC	20			011	44	34	18	12		958	CB S MOVG SE	SH
SA	1745	40 SCT E50 OVC	20			016	42	34	27	06		959	CB MOVD SE	SH
SA	1847	E60 BKN 250 OVC	20			020	41	34	29	03		960	307 1502	SH
SA	1946	60 SCT E250 BKN	20			023	39	36	06	03		961		SH
SA	2047	60 SCT E250 BKN	20			025	40	36	03	03		962		SH
SA	2147	E60 BKN 250 BKN	20			032	41	37	02	03		964	214 1502 53	SH
SA	2249	E50 OVC	20			036	41	37	02	02		965		SH
SA	2346	E50 OVC	20			039	41	34	28	03		967		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 18 MAR 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.200	42.2	39.3	79	7	7	SC	E60												7	8	.020			00-01
01 45	26.180	42.2	39.8	82	10															10					01-02
02 46	26.160	44.6	38.8	60	10															10					02-03
03 51	26.160	44.8	39.0	61	10	10	SC	E60												10	6	.040			03-04
04 50	26.160	42.2	38.6	74	10															10					04-05
05 48	26.160	42.3	38.0	69	10															10					05-06
06 49	26.160	43.0	38.0	64	10	7	SC	E60	3	AC	140	10								10	4	.000			06-07
07 50	26.180	43.9	38.7	64	9															9					07-08
08 46	26.180	46.9	39.7	54	9															9					08-09
09 47	26.190	48.1	40.8	54	9	8	SC	E60	1	AC	140	9								9	1	.030			09-10
10 48	26.190	49.9	42.0	52	9															9					10-11
11 45	26.180	50.3	41.6	48	10															9					11-12
12 47	26.170	52.8	42.0	39	10	2	CB	40	5	SC	E60	7	3	CS	250	10				9	8	.020			12-13
13 49	26.180	48.1	40.0	78	10															9					13-14
14 45	26.200	42.8	40.1	81	10															10					14-15
15 47	26.210	43.0	39.7	76	10	10	CB	E50												10	2	.040			15-16
16 45	26.210	43.6	39.0	67	10															10					16-17
17 45	26.220	41.6	38.3	76	10															10					17-18
18 47	26.230	41.2	38.0	75	10	6	SC	E60	4	CI	250	10								10	3	.020			18-19
19 46	26.240	39.4	37.7	86	6															6					19-20
20 47	26.250	39.6	37.8	86	7															7					20-21
21 47	26.270	40.6	38.7	85	9	6	SC	E60	3	CI	250	9								9	2	.040			21-22
22 49	26.280	40.8	38.4	82	10															10					22-23
23 46	26.290	41.3	38.0	75	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 0344	X	0	0	X	45	42	X	X						X		
	0344	1	0	0	0	46	42		1								
	0943	2	.01	0	0	48	42		0								
	1542	3	.13	0	0	53	43		2								
	2141	4	0	0	0	44	39		1								
	MID.	X	0	0	0	41	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0947	1544	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.160	26.190	26.210	26.270
BAROGRAPH 64	26.150	26.170	26.190	26.250
BAR. CORR. 65	+.010	+.020	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	39	.14	0	0	30	NW	1314					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0421	0508			
RW-	1312	1515			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0910 ⊡2 Sec.1 1805P ⊡ 2Sec.1 ± Sec.

0145/SLP 992/0353 0246/SLP 983/0353 1349/1349

RS/O
SP!

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 19 MAR 1983

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	60 SCT E250 BKN	20		04	034	41	35	32	03		968	210 1502	SH
SA	0146	60 SCT E250 BKN	20			051	39	35	36	03		969		SH
SA	0248	60 SCT 250 SCT	20			056	38	34	12	04		970		SH
SA	0349	60 SCT 250 SCT	20			058	36	34	05	07		970	107 1501 36 20014	CG
													RADAT 82061	
SA	0452	60 SCT 250 SCT	20			065	35	32	11	04		972		CG
SA	0547	60 SCT	20			083	34	32	05	02		976		CG
SA	0649	CLR	20			089	36	34	19	03		979	227 1500	CG
SA	0758	CLR	20			096	38	36	12	02		981		CG
SA	0848	CLR	20			094	47	32	25	04		982		CG
SA	0951	40 SCT	20			097	51	32	25	07		983	214 1100 34	CG
SA	1047	40 SCT	20			094	54	27	31	14		983		CG
SA	1150	E40 BKN	20			094	54	26	35	17		983		CG
SA	1247	40 SCT	20			094	54	24	35	17		983	400 1100	CG
SA	1348	40 SCT	20			094	55	24	29	14		983		CG
SA	1445	40 SCT	20			094	57	17	32	16		983		CG
SA	1547	50 SCT	20			099	57	23	32	17		984	303 1100 58	SH
	—		—			—						—	RADAT 50076	—
SA	1646	50 SCT	20			104	56	25	34	15		985		SH
SA	1746	CLR	20			113	53	20	01	09		987		SH
SA	1847	CLR	20			122	50	19	06	11		990	217	SH
SA	1947	CLR	20			126	47	21	06	09		991		SH
SA	2045	CLR	20			129	46	21	06	08		993		SH
SA	2147	CLR	20			135	43	23	05	09		995	217 ~~SH~~ 58	SH
SA	2246	CLR	20			136	40	25	05	04		996		SH
SA	2248	CLR	20			137	40	24	06	09		996		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff i_{sn}TTT $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-75) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 19 MAR 1983

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	26.300	41.0	38.4	80	8	4	Sc	60	4	Ci	E250	8								8	2	.030			00-01
0146	26.310	39.1	37.4	86	7															7					01-02
0248	26.320	38.1	36.3	85	5															5					02-03
0349	26.320	36.0	35.0	91	5	2	Sc	60	3	Ci	250	5								5	1	.020			03-04
0452	26.340	34.9	33.8	90	4															4					04-05
0547	26.380	34.0	33.0	91	1															1					05-06
0649	26.400	36.0	35.0	91	0	0	Sc	60												0	2	.080			06-07
0758	26.420	38.1	37.0	91	0															0					07-08
0848	26.430	46.9	40.1	56	0															0					08-09
0951	26.440	50.5	41.8	48	1	1	Cu	40												1	2	.040			09-10
1047	26.440	54.1	42.0	35	5															5					10-11
1150	26.440	53.7	41.5	34	7															7					11-12
1247	26.440	54.1	41.2	31	5	5	Cu	40												5	4	.000			12-13
1348	26.440	55.3	41.7	29	5															5					13-14
1445	26.440	57.2	41.0	20	5															5					14-15
1547	26.450	57.3	42.6	27	3	3	Cu	50												3	3	.010			15-16
1646	26.460	55.6	42.3	31	1															1					16-17
1746	26.480	52.9	39.6	27	0															0					17-18
1847	26.500	49.8	37.7	29	0															0	2	.050			18-19
1947	26.510	47.0	36.8	35	0															0					19-20
2045	26.530	45.6	36.0	37	0															0					20-21
2147	26.550	43.2	35.2	44	0															0	2	.050			21-22
2246	26.555	40.1	34.0	54	0															0					22-23
2348	26.555	40.0	33.6	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 0344	X	0	0	X	41	36	X	X						X		
	0344	1	0	0	0	41	36		1								
	0946	2	0	0	0	51	34		1								
	1542	3	0	0	0	58	51		0								
	2143	4	0	0	0	57	43		0								
	MID.	X	0	0	0	43	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.320	26.440	26.450	26.530
BAROGRAPH 64	26.310	26.420	26.435	26.530
BAR. CORR. 65	+.010	+.020	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (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
58	34	0	0	0	23	NW	1108					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0855 ±2 Sec./ 1805P ±2Sec./ ± Sec.

2147/2147 0049/5LP041/2355

RSI 0

SP/0

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 20 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0048	CLR	20			145	39	24	03	07		997	207	SH
SA	0147	CLR	20			147	40	22	06	07		998		SH
SA	0248	CLR	20			137	42	20	05	12		996		SH
SA	0348	CLR	20			137	42	22	11	04		996	803 38 RADAT 31070	MS
SA	0448	CLR	20			138	39	22	07	05		996		MS
SA	0545	CLR	20			146	37	24	12	05		997		MS
SA	0645	250-SCT	20			146	40	23	06	06		997	103 1001	MS
SA	0745	250-SCT	20			150	43	22	02	12		998		MS
SA	0847	250-BKN	20			147	48	20	12	11		998		MS
SA	0945	250-OVC	20			148	51	18	14	10		999	105 1006 37	MS
SA	1045	250-OVC	20			142	54	19	11	06		997		MS
SA	1145	E250 OVC	20			139	54	22	11	10		996		MS
SA	1250	E230 OVC	20			131	55	22	16	03		994	815 1107	MS
SA	1345	E220 OVC	20			116	56	23	21	14		990		MS
SA	1450	E170 OVC	20			108	56	24	22	14		987	FEW SC	MS
SA	1549	50 SCT E120 OVC	20			104	55	23	19	10		986	624 142/ 59	MR
													RADAT 56080	
SA	1645	50 SCT E100 OVC	20			105	54	24	18	10		986		MR
SA	1748	50 SCT E100 BKN 170 OVC	20			111	50	27	17	17 & 22		987	VIRGA ALQDS	MR
SA	1846	50 SCT E100 OVC	20			107	49	29	19	14 & 21		986	802 142/	MR
SA	1946	E65 OVC	20			098	49	29	20	07		986		MR
SA	2046	E65 OVC	20			100	49	29	17	09		985		MR
SA	2150	E65 OVC	20			093	48	30	15	09		983	807 102/ 59	MR
SA	2247	E60 OVC	20			086	48	29	16	08		982		MR
SA	2346	E65 OVC	20			079	48	30	18	09		980		MR

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-79) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 20 MAR 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.570	39.2	33.3	55	0															0	2	.020			00-01
01 47	26.580	40.2	33.2	48	0															0					01-02
02 48	26.560	41.7	33.6	42	0															0					02-03
03 48	26.560	41.7	34.0	45	0															0	8	.010			03-04
04 48	26.560	39.0	32.5	50	0															0					04-05
05 45	26.570	36.8	31.8	59	0															0					05-06
06 45	26.570	40.0	33.2	49	3	3	Ci	250												0	1	.010			06-07
07 45	26.580	43.3	34.9	42	2															0					07-08
08 47	26.580	48.2	37.0	32	7															0					08-09
09 45	26.585	50.6	37.8	27	10	10	Ci	250												1	1	.015			09-10
10 45	26.570	53.7	39.8	25	10															3					10-11
11 45	26.560	53.8	40.5	29	10															8					11-12
12 50	26.540	55.0	41.0	27	10	0	Cu	80	10	Cs	E230	10								9	8	.045			12-13
13 45	26.500	55.8	41.8	28	10															10					13-14
14 50	26.480	55.6	41.8	29	10															10					14-15
15 49	26.470	55.1	41.4	28	10	1	Sc	50	10	As	E120	10								10	6	.070			15-16
16 45	26.470	53.5	41.0	32	10															10					16-17
17 48	26.475	49.8	40.0	42	10															10					17-18
18 46	26.465	49.1	40.2	46	10	4	Sc	50	6	As	E100	10								10	8	.005			18-19
19 46	26.470	48.5	39.8	47	10															10					19-20
20 46	26.460	48.6	39.9	46	10															10					20-21
21 50	26.445	47.9	40.0	50	10	10	As	E65												10	8	.020			21-22
22 47	26.430	48.1	39.7	48	10															10					22-23
23 46	26.410	48.4	40.0	48	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 0344	X	0	0	X	42	38	X	X						X		
	0344	1	0	0	0	43	38		0								
	0941	2	0	0	0	51	37		0								
	1542	3	0	0	0	59	51		0								
	2144	4	0	0	0	55	48		0								
	MID.	X	0	0	0	49	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.585	26.470	26.445
BAROGRAPH 64	26.545	26.575	26.460	26.430
BAR. CORR. 65	+.015	+.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 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
59	37	0	0	0	25	S	1714					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1659P ±2 Sec./ 1741P ±2 Sec./ ± Sec.

1946/1946

RS/0
SP/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 21 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	M45 BKN 70 OVC	20			068	48	30	18	07		977	820 157//	MR
SA	0146	M45 OVC	20		RW-	060	47	30	23	09		975	RB42	MR
SA	0248	35 SCT E60 OVC	20		RW-	048	46	32	00	00		971		MR
SP	0344	M22 OVC	20		R-				29	05		970		MR
SA	0350	M22 OVC	20		R-	040	46	35	01	03		969	72500 17// 46	MR
—	—												RADAT 74066	—
SA	0448	M22 OVC	20		R-	039	43	36	04	09		968		MR
SP	0538	M7 BKN 22 OVC	10		R-				21	09		972	R- OCNLY R	MR
SA	0547	M7 BKN 12 OVC	4		R	058	39	36	18	06		972		MR
SP	0623	7 SCT M14 OVC	7		R-				23	13		971		MR
SA	0648	7 SCT M11 BKN 22 OVC	10		R-	051	38	35	24	09		970	00327 17//	MR
SA	0745	7 SCT M27 OVC	20		R-	045	39	36	03	06		968		MR
SA	0845	7 SCT M27 OVC	20		R-	052	39	35	35	05		970		MR
SA	0948	4 SCT M24 OVC	20			051	42	36	21	15		970	RE06 / 50028 17// 38	MR
SA	1047	4 SCT M25 OVC	20		RW-	043	46	36	21	15	G20	969	RB11E17B43	MR
SA	1147	M14 BKN 22 OVC	7		RW-	046	43	32	27	12		969	WND SHFTNG GRDLY	MR
SP	1211	M11 OVC	2½		RW-F				29	09		970	VSBY SE 10	MR
SP	1242	M10 OVC	3		R-F				26	09		970	R- OCNLY R	MR
SA	1252	M10 OVC	3		R-F	055	38	35	26	07		971	30214 17//	MR
SP	1340	M5 BKN 10 OVC	3		R-F				22	09		972		MR
SA	1348	M5 BKN 10 OVC	3		R-F	063	37	34	22	07		972		MR
SA	1450	M9 BKN 500VC	10			050	39	35	13	03		969	VSBY N-E 3 RE15	MR
SP	1523	M11 BKN 50 OVC	10						24	03		969	CIG LWR N-NE	MR
SA	1549	M14 BKN 50 BKN 90 OVC	20			052	42	36	25	05		970	50228 171/ 46 RADAT 98046054066	MR
SP														
SA	1614	12 SCT 50 SCT E90 OVC	20						24	04		970		MR
SA	1651	50 SCT E80 BKN 200 OVC	20			058	42	34	29	02		971	CUFRA TPE MTNS NE	MR
SA	1745	M50 BKN 90 OVC	20			063	42	34	02	04		972	SWU OMTNS SE	MR
SA	1846	M50 BKN 90 OVC	20			068	42	36	02	05		973	210 151/	MR
SA	1947	E55 OVC	20			077	43	37	36	02		976		MR
SA	2045	E75 OVC	20			082	42	37	16	02		978		MR
SA	2148	E90 BKN	20			082	40	36	33	03		978	114 1070 49	MR
SA	2245	90 SCT	20			078	40	34	27	03		977		MR
SA	2346	CLR	20			084	38	32	22	07		978		MR

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 21 MAR 1983

To convert LST to GMT ADD 6 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.385	48.1	39.9	49	10	7	Sc	M45	3	Ac	70	10								10	8	.060			00-01
01 46	26.365	47.3	39.7	52	10															10					01-02
02 48	26.330	46.3	39.9	58	10															10					02-03
03 50	26.310	45.6	40.5	66	10	10	CUFRA	M22												10	7	.075			03-04
04 48	26.300	42.8	39.5	76	10															10					04-05
05 47	26.340	39.4	38.0	89	10															10					05-06
06 48	26.320	38.0	36.6	89	10	3	CUFRA	7	5	CUFRA	M11	8	10	CUFRA	22	10				10	0	.010			06-07
07 45	26.300	38.8	37.3	88	10															10					07-08
08 45	26.320	39.3	37.5	86	10															10					08-09
09 48	26.320	42.3	39.4	79	10	3	CUFRA	14	10	CUFRA	M24	10								10	5	.000			09-10
10 47	26.310	45.7	41.0	68	10															9					10-11
11 47	26.310	42.6	38.0	67	10															10					11-12
12 52	26.325	38.2	36.5	86	10	10	CUFRA	M10												10	3	.005			12-13
13 48	26.340	36.6	35.2	88	10															10					13-14
14 50	26.310	38.7	37.0	87	10															10					14-15
15 49	26.320	42.0	39.1	79	10	6	CUFRA	M14	0	SC	58	6	4	As	20	10				10	5	.005			15-16
16 51	26.330	42.0	38.5	74	10															10					16-17
17 45	26.340	42.2	38.6	74	10															10					17-18
18 46	26.350	42.3	39.5	80	10	8	Sc	M50	2	As	90	10								10	2	.030			18-19
19 47	26.375	42.7	39.9	80	10															10					19-20
20 45	26.390	41.7	39.4	84	10															10					20-21
21 48	26.390	40.4	38.5	85	7	7	Ac	E90												6	1	.040			21-22
22 45	26.385	39.8	37.2	80	1															1					22-23
23 46	26.395	37.9	35.3	79	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		T	0		48	46										
	0346	1	T	0	0	49	46		1								
	0944	2	.28	0	0	46	38		2								
	1543	3	.28	0	0	46	36		2								
	2143	4	0	0	0	43	40		2								
	MID.		0	0	0	40	38										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.310	26.320	26.320	26.390
BAROGRAPH 64	26.300	26.300	26.320	26.380
BAR. CORR. 65	+.010	*+.020	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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
48	36	.56	0	0	20	SW	1108					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0142	0330			
R-	0330	0510			
R	0510	0535			
R-	0535	0545			
R	0545	0610			
R-	0610	0906			
RW-	1011	1017			
RW-	1043	1215			
F	1200	1410			
R	1215	1230			
R-	1230	1415			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0600P @2 Sec./ 1653P @2 Sec./ ± Sec.

* BAROGRAPH CHANGED RESET TO ±.0 CORR

1614/1614 1651/1651

1/ LAST OF SEVERAL OCCURENCES

RS/0
ST/8

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 22 MAR 1983

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	0046	100 SCT	20			095	39	32	02	03		980	308 1050	MR
SA	0151	100 SCT	20			097	37	32	05	03		980		MR
SA	0250	120 SCT 250-BKN	20			095	35	32	02	05		980		MR
SA	0350	230-BKN	20			096	35	32	08	04		981	302 1001 35 20056	MR
—	—												RADAT 47066	—
SA	0446	230-SCT	20			106	33	30	02	04		983		MR
SA	0547	CLR	20			105	34	31	10	04		983		MR
SA	0648	E230 BKN	20			115	37	33	35	04		986	317 1006	MR
SA	0746	E230 OVC	20			116	41	34	06	02		987		MR
SA	0850	E230 BKN	20			116	42	33	28	03		987		MR
SA	0950	E230 BKN	20			113	48	35	23	03		987	103 1176 33	MR
SA	1045	50 SCT E120 OVC	20			113	47	33	26	11		987		MR
SA	1145	50 SCT 120 SCT E230 OVC	20			105	50	34	23	15	G20	985		MR
SA	1250	M35 BKN 120 BKN 230 OVC	20			097	51	35	23	20	G25	983	814 1171	MR
SA	1352	35 SCT E120 BKN 230 OVC	20			093	52	32	22	16	G23	982		MR
SA	1450	40 SCT E100 BKN 230 OVC	20			097	54	28	19	18	G27	983		MR
SA	1548	E50 BKN 120 BKN 230 OVC	20			094	53	29	18	13		982	803 1572 55	MR
/													RADAT 52072	/
SA	1648	E55 BKN 100 OVC	20			090	53	30	19	15	G24	980	BINOVC	MR
SA	1749	E55 BKN 100 BKN	20			085	51	31	18	14	G21	979		MR
SA	1850	55 SCT 100 SCT	20			084	50	35	18	14	G21	979	610 1570	MR
SA	1947	55 SCT E90 BKN	20			086	49	37	19	14		980		MR
SA	2046	M45 BKN	20			088	48	36	20	11	G19	980		MR
SA	2148	E50 BKN	20			085	48	35	20	17	G23	981	CB OCNL LTGIC DSNT N-NE	MR
/													107 1900 55	/
SA	2249	M50 BKN	20			088	47	33	23	05		981	CB OCNL LTGIC DSNT N-NE	MR
SA	2346	50 SCT	20			089	47	32	24	08		982		MR

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 22 MAR 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.415	38.7	35.8	77	1	1	Ac	100												1	3	.025			00-01
01 51	26.415	36.5	34.6	84	4															3					01-02
02 50	26.410	35.3	33.7	86	8															2					02-03
03 50	26.420	34.8	33.5	89	6	6	Ci	230												1	3	.005			03-04
04 46	26.440	33.2	32.0	89	3															0					04-05
05 47	26.440	33.6	32.5	90	0															0					05-06
06 48	26.470	36.7	35.2	87	8	8	CS	E230												6	3	.050			06-07
07 46	26.480	40.8	37.9	78	10															9					07-08
08 50	26.480	42.3	38.0	69	7															5					08-09
09 50	26.480	47.6	41.5	61	6	0	CU	50	0	Ac	120	0	6	Ci	E230	6				4	1	.010			09-10
10 45	26.480	46.7	40.3	58	10															9					10-11
11 45	26.460	50.0	42.4	54	10															8					11-12
12 50	26.440	51.2	43.2	53	10	6	CU	M35	2	Ac	120	8	4	Ci	230	10				9	8	.040			12-13
13 52	26.430	52.3	42.9	46	10															9					13-14
14 50	26.440	53.7	42.0	36	10															9					14-15
15 48	26.430	52.8	41.9	39	10	7	Sc	E50	1	Ac	120	8	2	Ci	230	10				10	8	.010			15-16
16 48	26.415	52.9	42.5	43	10															9					16-17
17 49	26.400	50.9	41.7	46	9															9					17-18
18 50	26.400	49.7	42.8	58	5	5	Sc	55	0	Ac	100	5								5	6	.030			18-19
19 47	26.410	48.8	42.8	62	6															5					19-20
20 46	26.415	48.0	42.2	63	6															5					20-21
21 48	26.420	47.9	41.6	60	6	0	CB	40	6	Sc	E50	6								6	1	.020			21-22
22 49	26.425	47.1	40.7	59	6															6					22-23
23 46	26.430	46.6	40.0	57	3															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 0345	X	0	0	X	39	35	X	X						X		
	0345	1	0	0	0	40	35		1								
	0945	2	0	0	0	48	33		1								
	1543	3	0	0	0	55	46		0								
	2142	4	0	0	0	53	48		0								
	MID.	X	0	0	0	48	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.480	26.430	26.420
BAROGRAPH 64	26.420	26.485	26.425	26.410
BAR. CORR. 65	0	-.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	33	0	0	0	28	S	1753 1/					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0621P ±2 Sec./ 1657P ±2 Sec./ ± Sec.

1/ LAST OF SEVERAL OCCURENCES

RS-0 / SP-0

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 23 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0046	50 SCT	20			096	45	32	26	04		984	310 1500	MR
SA	0149	50 SCT	20			101	43	33	26	05		985		MR
SA	0251	M50 BKN	20			104	43	34	25	07		986		MR
SA	0347	M50 BKN	20			112	44	31	27	04		988	214 1500 43 RADAT 77065	JD
SA	0449	50 SCT	20			122	41	33	32	05		992		JD
SA	0547	CLR	20			135	38	32	18	02		994		JD
SA	0647	CLR	20			148	41	33	05	02		998	329 1100	JD
SA	0748	CLR	20			149	45	32	18	03		999		JD
SA	0847	CLR	20			151	47	28	19	03		999		JD
SA	0949	250 - SCT	20			154	49	15	05	02		001	208 1155 38	JD
SA	1047	40 SCT 140 SCT 250 -BKN	20			154	52	17	32	03		002		JD
SA	1147	40 SCT 140 SCT 250 -OVC	20			150	53	26	23	09		000		JD
SA	1247	140 SCT E250 OVC	20			149	55	23	18	04		999	803 1177	JD
SA	1347	140 SCT E250 OVC	20			134	55	21	20	09		995		JD
SA	1450	140 SCT 250 -OVC	20			125	56	21	23	09		993		JD
SA	1548	140 SCT 250 -BKN	20			125	55	16	26	09		993	620 1138 57 RADAT 20077	EP
SA	1646	140 SCT 250 SCT	20			120	55	18	22	10		991		EP
SA	1750	150SCT 250-SCT	20			116	52	22	18	16		988		EP
SA	1852	150 SCT E250 BKN	20			106	52	20	18	15		986	720 1031	EP
SA	1949	150SCT 250 SCT	20			101	51	23	18	08		985		EP
SA	2046	150 SCT 250 SCT	20			092	51	23	12	13		983		EP
SA	2149	40SCT E150 BKN 250 BKN	20			079	51	24	13	08		980	820 1131 57	EP
SA	2252	50SCT E150 BKN 250 BKN	20			067	49	32	21	13		976		EP
SA	2347	50SCT 150SCT 250SCT	20			048	49	33	19	20	G31	971		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-364-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 23 MAR 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.450	45.4	39.4	59	1	1	SC	50												1	3	.030			00-01
01 49	26.460	43.0	38.6	69	2															2					01-02
02 51	26.470	43.0	38.9	70	6															6					02-03
03 47	26.490	43.8	38.3	61	9	9	SC	M50												9	2	.040			03-04
04 49	26.515	41.3	37.4	71	1															1					04-05
05 47	26.540	37.8	35.4	81	0															0					05-06
06 47	26.575	40.8	37.2	73	0	0	CU	50												0	3	.085			06-07
07 48	26.585	44.8	39.0	61	0															0					07-08
08 47	26.590	47.2	38.8	47	0															0					08-09
09 49	26.600	49.0	36.3	25	2	0	CU	40	0	AC	140	0	2	CI	250	2				0	2	.025			09-10
10 47	26.605	51.8	38.3	25	6															2					10-11
11 47	26.595	53.1	41.2	34	10															4					11-12
12 47	26.590	54.9	41.4	29	10	0	CU	50	2	AC	140	2	10	CS	E250	10				6	8	.010			12-13
13 47	26.550	54.6	40.8	27	10															9					13-14
14 50	26.530	56.4	41.5	25	10															3					14-15
15 48	26.530	55.0	39.7	21	8	0	CU	50	1	AC	140	1	8	CS	250	8				2	6	.060			15-16
16 46	26.510	54.8	40.0	23	1															1					16-17
17 50	26.490	52.1	39.6	30	3															1					17-18
18 52	26.470	51.8	39.0	28	6	5	AC	150	2	CI	E250	6								4	7	.060			18-19
19 49	26.460	50.5	39.0	33	3															2					19-20
20 46	26.440	51.2	39.5	33	4															3					20-21
21 49	26.410	51.4	39.9	34	6	2	CU	40	4	AC	E150	6	0	CI	250	6				5	8	.060			21-22
22 52	26.380	49.0	41.1	52	9															7					22-23
23 47	26.330	49.1	41.5	53	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	47	43	X	X						X		
	0344	1	0	0	0	48	43		0								
	0945	2	0	0	0	49	38		0								
	1544	3	0	0	0	57	49		0								
	2145	4	0	0	0	55	51		0								
	MID.	X	0	0	0	51	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.600	26.530	26.410
BAROGRAPH 64	26.480	26.585	26.530	26.405
BAR. CORR. 65	+.010	+.005	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	38	0	0	0	34	5	2349					5	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0510P ±2 Sec./ 2200P ±2 Sec./ ± Sec.

RS=0/SP=0

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 24 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	35 SCT E120 OVC	20			046	49	36	20	20	629	906	RB31E38 62700 127/	EP
SA	0149	M300VC	20		RW-	042	47	37	19	21	626	969	RB39	EP
SA	0251	M38 BKN 800VC	20			038	45	36	21	20		968	RE33 PK WND 2041/05	EP
SA	0350	28 SCT M65 OVC	20			021	46	31	18	12	623	963	RB15E22 PRESFR 82400	/
/													18// 45 RADAT 90065	JD
SA	0449	65 SCT E100 OVC	20			018	46	28	23	13		962	OCNL DSNT LTG NW	JD
SA	0546	30 SCT 65 SCT 100 SCT	20			034	42	31	18	20		966		JD
SA	0649	25 SCT 60 SCT	20			036	43	28	20	15	627	967	310 1800	JD
SA	0748	CLR	20			039	46	27	23	15		968	FEW SC	JD
SA	0848	CLR	20			036	48	25	21	13		968	FEW SC	JD
SA	0947	40 SCT 200 SCT	20			040	50	24	18	14		969	207 1105 42	JD
SA	1048	40 SCT 200 SCT	20			040	52	24	24	11		969		JD
SA	1147	40 SCT 200 SCT	20			040	51	24	22	12	624	969		JD
SA	1248	40 SCT 80 SCT E200 BKN	20			031	52	24	18	21		966	CB NW MOVG NE VIRGA NW	/
/													808 1956	JD
SA	1348	40 SCT E90 BKN 200 OVC	20			024	54	23	21	14	625	964	CB DSNT NW MOVG NE VIRGA NW	JD
SA	1450	40 SCT E100 BKN 200 OVC	20			022	54	22	22	13		963	DRK N	JD
SA	1551	40 SCT E100 BKN 200 BKN	20		RW-	016	51	25	21	11		961	RB35/61500 1231 55	EP
/													RADAT 53069	/
SA	1650	40 SCT E100 BKN 200 BKN	20		RW-	020	45	35	17	12		961	CB N AND SE	EP
SA	1746	40 SCT 100 SCT E200 BKN	20			025	47	29	22	11		962	CB NE RE03	EP
SA	1848	40 SCT 100 SCT E200 OVC	20			028	46	24	34	05		963	30701 1237	EP
SA	1946	40 SCT 100 SCT E200 OVC	20			032	43	27	04	16		964		EP
SA	2045	30 SCT M500VC	15		RW-	043	41	32	03	18		968	RB40	EP
SA	2148	30 SCT M90 BKN 200 OVC	20			051	38	36	24	03		970	RE36/12001 1277 55	EP
SA	2246	30 SCT E100 OVC	20			049	40	32	04	08		970		EP
SA	2345	E110 BKN 200 BKN	20			050	40	31	31	05		970		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 24 MAR 1983

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	26.330	48.5	42.5	62	10	4	CU	35	10	AC	E120	10								10	6	.080			00-01
01 49	26.315	46.5	42.0	70	10															10					01-02
02 51	26.305	44.9	40.7	71	10															10					02-03
03 50	26.240	45.7	39.1	56	10	4	CU	28	6	SC	M65	10								10	8	.070			03-04
04 49	26.250	45.9	38.2	49	10															10					04-05
05 46	26.285	41.9	37.0	64	2															2					05-06
06 49	26.290	43.0	36.6	55	3	1	CU	25	2	SC	60	3								2	3	.030			06-07
07 48	26.300	46.0	37.8	46	0															0					07-08
08 48	26.295	47.9	38.2	40	0															0					08-09
09 47	26.310	50.0	37.1	36	1	1	CU	40	0	CI	200	1								1	2	.020			09-10
10 48	26.310	51.5	39.8	33	3															2					10-11
11 47	26.310	51.4	39.8	34	3															3					11-12
12 48	26.285	52.0	40.2	33	6	3	CB	40	1	AC	80	4	2	CI	200	6				4	8	.025			12-13
13 48	26.265	53.5	40.6	30	10															9					13-14
14 50	26.260	53.9	40.6	29	10															10					14-15
15 51	26.240	51.0	39.9	36	9	4	CU	40	4	AC	E100	7	2	CI	200	9				8	6	.045			15-16
16 50	26.240	44.8	40.0	67	9															8					16-17
17 46	26.250	46.8	39.0	50	9															8					17-18
18 48	26.260	46.0	37.0	42	10	1	CU	40	2	AC	100	3	10	CS	E200	10				9	3	.020			18-19
19 46	26.270	42.7	36.2	54	10															8					19-20
20 45	26.300	41.2	37.3	71	10															10					20-21
21 48	26.320	38.3	36.2	83	10	3	CU	30	6	AC	M90	8	2	CS	200	10				10	1	.060			21-22
22 46	26.320	40.3	36.8	73	10															10					22-23
23 45	26.320	40.0	36.2	71	9															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	T	0	X	49	45	X	X						X		
	0345	1	T	0	0	51	45		1								
	0944	2	0	0	0	50	42		0								
	1545	3	T	0	0	55	50		0								
	2144	4	.01	0	0	51	38		1								
	MID.	X	0	0	0	40	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.260	26.310	26.240	26.320
BAROGRAPH 64	26.255	26.300	26.240	26.310
BAR. CORR. 65	+.005	+.010	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
55	38	.01	0	0	41	5	0905					5	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0031	0038			
RW-	0139	0233			
RW-	0315	0322			
RW-	1535	1703			
RW-	2040	2136			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0514P ±2Sec./ 2130P ±2Sec./ ± Sec.

0050 ALSTG 971 0051
2148 34 2149

RS/0
SP/0

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NY

DATE: 25 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	110 SCT E200 OVC	20			055	38	33	00	00		971	303 1037	EP
SA	0149	100 SCT E200 BKN	20			055	36	32	00	00		971		EP
SA	0250	200 - SCT	20			055	36	31	34	05		971		EP
SA	0347	CLR	20			064	35	29	36	04		973	307 1030 35 20001 RADAT 54063	JD
SA	0449	CLR	20			078	34	29	03	03		975		JD
SA	0548	120 SCT	20			079	35	30	27	02		976		JD
SA	0650	CLR	20			089	37	31	12	02		980	220 1031	JD
SA	0748	E120 BKN 250 BKN	20			093	41	30	16	04		981		JD
SA	0848	120 SCT 250 - BKN	20			094	46	30	23	10		982		JD
SA	0949	80 SCT 100 - BKN 250 - ~~OVC~~ BKN	20			100	47	28	23	10		983	210 1171 33	JD
SA	1049	40 SCT E80 BKN 100 BKN 250 OVC	20			097	50	24	30	10		983	VIRGA E	JD
SA	1147	E50 BKN 90 BKN 250 OVC	20			091	49	27	23	12		982	VIRGA SE	JD
SA	1250	E50 BKN 90 BKN 200 BKN	20			085	53	23	25	10		980	CB N SW AND W MOVG E	/
													RWV W ~~1933~~ 810 1933	JD
SA	1347	50 SCT 90 SCT 200 SCT	20			081	51	24	23	07		979	CB SW NW MOVG SE	/
													VIRGA SW RWV NW	JD
SA	1450	50 SCT 90 SCT 200 SCT	20			083	52	25	24	11		979	CB E S MOVG SE VIRGA	/
													ALQDS RB02E08B20E31	JD
SA	1548	E60 BKN 90 BKN	20			082	53	25	28	12		979	CB NW E-SE MOVG SE	EP
													50300 1330 53 RADAT46071	/
SA	1648	30 SCT E60 BKN 90 BKN	20			096	50	23	03	15		982	CB SE MOVG SE RWU SE	EP
SA	1745	50 SCT 90 SCT	20			104	50	24	02	10		984	CB RWU S	EP
SA	1847	50 SCT 90 SCT	20			116	46	26	03	10		987	227 1170	EP
SA	1947	CLR	20			129	45	26	04	10		992		EP
SA	2045	CLR	20			140	42	28	05	09		995		EP
SA	2149	90 SCT	20			147	41	26	27	08		997	130 1030 53	EP
SA	2246	CLR	20			151	38	29	00	00		998		EP
SA	2346	CLR	20			160	37	28	08	08		001		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 25 MAR 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.330	37.8	35.5	81	10	4	Ac	110	10	CS	E200	10								9	3	.010			00-01
01 49	26.330	36.2	34.3	84	9															6					01-02
02 50	26.330	35.8	33.7	82	2															0					02-03
03 47	26.350	35.0	32.6	79	0	0	Ac	120												0	3	.020			03-04
04 49	26.370	33.5	31.8	85	0															0					04-05
05 48	26.380	35.1	32.8	80	3															2					05-06
06 50	26.410	37.1	34.6	80	0	0	Ac	120	0	Ci	250	0								0	2	.060			06-07
07 48	26.420	41.4	36.6	65	7															6					07-08
08 48	26.430	45.7	38.7	54	7															3					08-09
09 49	26.440	46.8	38.8	48	9	0	Cu	40	1	Ac	80	1	7	As	100	8	1	Ci	250	4	2	.030			09-10
10 49	26.440	50.0	39.1	36	10															9					10-11
11 47	26.425	49.2	39.7	43	10															9					11-12
12 50	26.410	52.8	40.4	32	9	6	CB	E50	2	Ac	90	8	1	Ci	200	9				9	8	.030			12-13
13 47	26.395	50.9	39.6	35	5															4					13-14
14 50	26.400	51.8	40.3	35	4															4					14-15
15 48	26.400	52.8	40.7	33	6	6	CB	E60	0	Ac	90	6								6	5	.010			15-16
16 48	26.430	50.0	38.7	34	8															8					16-17
17 45	26.450	49.5	38.9	37	2															2					17-18
18 47	26.480	45.8	37.5	46	2	1	Cu	50	1	Ac	90	2								2	2	.080			18-19
19 47	26.520	44.9	37.0	47	0															0					19-20
20 45	26.550	42.0	36.0	56	0															0					20-21
21 49	26.570	41.2	35.1	55	1	1	Ac	90												1	1	.090			21-22
22 46	26.580	37.5	34.0	71	0															0					22-23
23 46	26.600	36.8	33.0	69	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	40	35	X	X						X		
	0343	1	0	0	0	40	35		0								
	0945	2	0	0	0	47	33		0								
	1543	3	T	0	0	53	47		0								
	2144	4	0	0	0	53	41		0								
	MID.	X	0	0	0	41	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.440	26.400	26.570
BAROGRAPH 64	26.345	26.430	26.390	26.570
BAR. CORR. 65	+.005	+.010*	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	33	T	0	0	27	W	1552					6	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1402	1408			
RW-	1420	1431			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0455 P @ 2 Sec./ 2145P @ 2 Sec./ ± Sec.

0347 / 0347 0949 / 0950 1250 / 1250

*0954P Barograph Changed 0 corr.

RSO / SPO

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible]

DATE: 26 MAR 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0048	CLR	20			160	40	27	06	09		002	214 1030	EP
SA	0145	CLR	20			161	41	27	36	04		002		EP
SA	0250	CLR	20			167	35	28	10	04		003		EP
SA	0351	CLR	20			170	34	27	00	00		004	207 1030 34 RADAT 47066	JD
SA	0450	CLR	20			176	35	26	13	04		005		JD
SA	0548	250 -SCT	20			185	33	26	12	02		007		JD
SA	0648	250 -BKN	20			197	37	28	16	04		011	320 1006	JD
SA	0747	250 -BKN	20			195	45	23	03	08		012		JD
SA	0848	250 -SCT	20			200	48	22	02	10		013		JD
SA	0948	CLR	20			200	50	21	05	09		013	207 1101 33	JD
SA	1048	250 -SCT	20			200	52	19	16	03		013		JD
SA	1147	250 -SCT	20			195	53	17	23	07		012		JD
SA	1247	250 -SCT	20			181	56	20	23	08		008	814 1101	JD
SA	1348	250 -SCT	20			176	58	19	23	10		007		JD
SA	1450	250 -BKN	20			175	58	17	20	08		006		JD
SA	1551	150 SCT 250-BKN	20			177	57	16	25	10		006	607 1438 58 RADAT 38073	EP
SA	1646	150 SCT 250 SCT	20			177	55	15	28	12		006		EP
SA	1745	E 150 BKN 250 BKN	20			174	54	20	30	09		005		EP
SA	1848	E 150 BKN 250 BKN	20			178	51	23	00	00		006	500 1038	EP
SA	1946	E 150 BKN 250 OVC	20			178	51	25	20	05		008		EP
SA	2050	150 SCT 250-BKN	20			175	50	28	09	04		007		EP
SA	2148	150 SCT 250-OVC	20			177	45	32	06	05		007	003 1037 58	EP
SA	2246	150 SCT 250-OVC	20			173	45	28	06	05		006		EP
SA	2346	250-BKN	20			174	43	28	04	06		006		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 26 MAR 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.610	40.0	34.6	59	0	0	Ac	90												0	2	.040			00-01
01 45	26.610	40.6	34.8	57	0															0					01-02
02 50	26.620	34.9	31.9	74	0															0					02-03
03 51	26.630	33.8	31.1	76	0	0	Ac	90												0	2	.020			03-04
04 50	26.640	35.4	31.6	68	0															0					04-05
05 48	26.660	33.2	30.6	76	2															0					05-06
06 48	26.690	36.5	32.9	70	6	6	Cs	250												0	3	.060			06-07
07 47	26.695	45.3	36.2	40	7															0					07-08
08 48	26.710	47.9	37.4	35	2															0					08-09
09 48	26.710	49.6	38.1	32	0	0	Cu	40	0	Ci	250	0								0	2	.020			09-10
10 48	26.710	51.8	38.8	27	1															0					10-11
11 47	26.685	52.9	39.0	24	1															0					11-12
12 47	26.670	56.2	41.3	24	1	0	Cu	50	1	Ci	250	1								0	8	.040			12-13
13 48	26.660	57.7	41.8	22	3															0					13-14
14 50	26.650	58.0	41.4	19	9															1					14-15
15 51	26.650	56.8	40.6	20	9	0	Sc	90	3	Ac	150	3	6	Cs	250	9				3	6	.020			15-16
16 46	26.650	54.8	39.5	21	5															3					16-17
17 45	26.640	53.9	40.1	26	9															6					17-18
18 48	26.650	50.8	39.8	34	8	6	Ac	F150	3	Cs	250	8								5	5	.000			18-19
19 46	26.665	51.3	40.0	35	10															8					19-20
20 50	26.660	50.3	40.3	41	9															4					20-21
21 48	26.660	45.2	39.3	60	10	2	Ac	150	10	Cs	250	10								4	0	.010			21-22
22 46	26.650	45.3	38.0	51	10															2					22-23
23 46	26.650	42.9	36.6	56	8															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 0345	X	0	0	X	41	34	X	X						X		
	0345	1	0	0	0	41	34		0								
	0944	2	0	0	0	50	33		0								
	1545	3	0	0	0	58	50		0								
	2144	4	0	0	0	57	45		0								
	MID.	X	0	0	0	45	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.710	26.650	26.660
BAROGRAPH 64	26.635	26.715	26.650	26.665
BAR. CORR. 65	-.005	-.005	0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	33	0	0	0	16	SW	1300					4	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0452P ±2 Sec./ 2100P ±2 Sec./ ± Sec.

RS=0/SP=0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 27

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (14a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	250-SCT	20			168	41	28	06	06		005	807 1038	EP
SA	0145	CLR	20			164	40	28	03	03		004		EP
SA	0250	CLR	20			162	38	28	00	00		003		EP
SA	0348	CLR	20			163	39	27	08	04		003	607 1001 38 RADAT56073	JK
SA	0446	250 SCT	20			163	37	27	07	03		003		JK
SA	0545	250 SCT	20			170	36	28	00	00		004		JK
SA	0650	250-BKN	20			170	44	27	02	04		005	307 1001	JK
SA	0746	250-OVC	20			168	47	28	31	03		005		JK
SA	0845	E250 OVC	20			168	49	29	24	05		005		JK
SA	0947	250-OVC	20			167	53	26	23	06		005	400 1007 36	JK
SA	1045	250-OVC	20			163	56	26	23	16		004		JK
SA	1145	250-OVC	20			158	57	27	23	17		003		JK
SA	1248	E250 OVC	20			147	59	26	23	16		000	817 1007	JK
SA	1349	E200 OVC	20			141	59	27	22	20		998	CU SW	JK
SA	1445	E200 OVC	20			137	60	28	22	15		997	CU SW	JK
SA	1550	E200 OVC	20			137	60	28	21	12 G20		997	303 1107 60 RADAT60050	WRC
SA	1650	200-OVC	20			134	58	31	22	10		995	FEW SC SE	WRC
SA	1750	200-OVC	20			132	57	32	23	06		994		WRC
SA	1850	200-OVC	20			126	55	34	26	03		993	710 1007	WRC
SA	1950	200-OVC	20			129	51	36	04	05		994		WRC
SA	2050	E200 OVC	20			132	53	34	05	06		996		WRC
SA	2150	160 SCT E200 OVC	20			123	53	35	30	03		993	000 1077 60	WRC
SA	2250	E160 BKN 200 OVC	20			121	52	36	23	08		993		WRC
SA	2350	E160 BKN 200 OVC	20			124	52	34	23	09		994		WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 27 MAR 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.640	40.8	35.5	60	3	0	Ac	150	3	CS	250	3								0	8	.020			00-01
01 45	26.630	40.0	34.9	61	0															0					01-02
02 50	26.620	38.3	34.0	66	0															0					02-03
03 48	26.620	38.8	34.0	62	0	0	Ci	250												0	6	.020			03-04
04 46	26.620	37.2	33.2	67	2															2					04-05
05 45	26.630	36.3	33.0	72	2															2					05-06
06 50	26.640	43.7	36.7	52	8	8	Ci	250												2	3	.020			06-07
07 46	26.640	47.0	38.8	48	10															2					07-08
08 45	26.640	49.1	40.1	45	10															6					08-09
09 47	26.640	53.0	41.2	35	10	10	CS	250												4	4	.000			09-10
10 45	26.630	55.8	42.7	32	10															3					10-11
11 45	26.620	56.9	43.3	31	10															3					11-12
12 48	26.590	59.0	44.0	27	10	10	CS	E250												6	8	.050			12-13
13 49	26.590	58.8	44.3	29	10															8					13-14
14 45	26.560	59.8	45.2	30	10															8					14-15
15 50	26.560	60.1	45.2	29	10	0	cu	60	10	CS	E200	10								7	6	.030			15-16
16 50	26.545	58.4	45.3	35	10															4					16-17
17 50	26.540	56.8	45.0	39	10															4					17-18
18 50	26.530	55.0	44.8	45	10	10	CS	200												4	7	.030			18-19
19 50	26.540	50.8	43.6	57	10															3					19-20
20 50	26.550	53.3	44.0	48	10															6					20-21
21 50	26.530	52.8	44.0	50	10	4	Ac	160	10	CS	E200	10								8	0	.000			21-22
22 50	26.530	51.7	43.8	54	10															8					22-23
23 50	26.540	51.8	43.4	51	10															8					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		43	38										
	0345	1	0	0	0	45	38		0								
	0944	2	0	0	0	53	36		0								
	1546	3	0	0	0	60	53		0								
	2146	4	0	0	0	60	50		0								
	MID.		0	0	0	53	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.640	26.560	26.530
BAROGRAPH 64	26.620	26.640	26.560	26.530
BAR. CORR. 65	±.0	±.0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	36	0	0	0	26	SW	1521					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0700P ±2 Sec./ 2337P ±2 Sec./ ± Sec.

1550/APP/1800

R/S = 0

S/P = 0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 28

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	160 SCT E200 OVC	20			116	51	34	34	05		992	803 1077	WRG
SA	0150	160 SCT 200 -BKN	20			117	48	34	36	02		992		WRG
SA	0250	200 -BKN	20			117	47	34	36	03		992		WRG
SA	0349	200- SCT	20			117	46	35	30	05		992	400 100145 RADAT 75080	JK
SA	0450	200-SCT	20			128	44	36	33	07		994		JK
SA	0545	200-SCT	20			128	43	36	04	07		994		JK
SA	0650	200-SCT	20			136	47	37	32	02		997	314 1501	JK
SA	0745	200-SCT	20			144	50	39	29	05		999	Cu S AND N	JK
SA	0848	30 SCT 200 SCT	20			144	52	37	23	10		999		JK
SA	0945	E 30 BKN 200 OVC	20			149	53	37	19	08		001	214 1501 42	JK
SA	1049	E 30 BKN 200 OVC	20			144	55	37	18	06		000	MTN TPS OBSCD S	JK
SA	1147	E 30 BKN 140 OVC	20			139	58	37	21	10		999	MTN TPS OBSCD S	JK
SA	1252	E30 BKN 140 OVC	20			132	56	36	24	07		997	814 1571	JK
SA	1345	E30 BKN 140 BKN 200 OVC	20			132	60	37	18	06		997		JK
SA	1445	30 SCT E140 BKN 200 OVC	20			128	61	37	22	06		996		JK
SA	1550	40 SCT 160 SCT E250 BKN	20			126	60	28	19	08		994	807 1271 61 RADAT 83081	WRG
SA	1650	40 SCT 160 SCT 250 SCT	20			127	59	35	26	08		994		WRG
SA	1750	40 SCT E160 BKN 250 BKN	20			133	57	37	34	08		995		WRG
SA	1850	E40 BKN 250 BKN	20			140	55	37	02	12		997	310 1401	WRG
SA	1950	E40 BKN 250 BKN	20			145	53	37	04	13		999		WRG
SA	2050	50 SCT E160 BKN	20			148	52	31	06	09		000		WRG
SA	2150	50 SCT E160 BKN	20			152	52	36	03	10		002	214 1430 61	WRG
SA	2250	50 SCT E160 BKN 250 BKN	20			156	52	35	05	09		003		WRG
SA	2350	E160 BKN	20			158	51	34	03	09		003		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 28

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.520	50.7	42.8	53	10	3	AC	160	10	CS	E260	10								7	8	.010			00-01
01 50	26.520	48.2	41.4	57	8															4					01-02
02 50	26.520	47.3	41.2	61	6															3					02-03
03 49	26.520	45.8	40.6	66	3	3	CI	200												0	4	.000			03-04
04 50	26.540	44.4	40.2	71	2															0					04-05
05 45	26.540	42.7	39.3	76	2															0					05-06
06 50	26.560	47.0	42.0	67	2	0	SC	80	2	CI	200	2								0	3	.040			06-07
07 45	26.580	49.7	44.4	66	3															1					07-08
08 48	26.580	52.0	44.7	57	5															4					08-09
09 45	26.600	53.2	45.1	54	10	6	SC	E30	4	CI	200	10								7	2	.040			09-10
10 49	26.590	55.0	46.0	51	10															7					10-11
11 47	26.580	57.6	47.2	46	10															10					11-12
12 52	26.560	56.1	46.1	47	10	6	SC	E30	4	AC	140	10								10	8	.040			12-13
13 45	26.560	59.8	48.0	42	10															9					13-14
14 45	26.550	60.6	48.3	41	10															8					14-15
15 50	26540	59.6	45.1	30	8	2	CU	40	2	AC	160	4	4	CI	E250	8				6	8	.020			15-16
16 50	26540	58.2	47.0	40	5															3					16-17
17 50	26.550	56.8	46.8	48	8															6					17-18
18 50	26.570	54.5	45.8	52	8	6	SC	E40	2	CI	250	8								7	3	.050			18-19
19 50	26585	52.7	45.0	56	9															8					19-20
20 50	26595	52.2	42.3	44	9															6					20-21
21 50	26.610	52.4	44.3	53	9	4	SC	50	5	AC	E160	9								6	2	.040			21-22
22 50	26620	52.0	43.6	52	9															7					22-23
23 50	26620	51.4	43.2	52	8															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	52	45	X	X						X		
	0344	1	0	0	0	53	45		0								
	0943	2	0	0	0	53	42		0								
	1546	3	0	0	0	61	53		0								
	2146	4	0	0	0	61	52		0								
	MID.	X	0	0	0	53	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.600	26.540	26.610
BAROGRAPH 64	26.510	26.590	26.535	26.615
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 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
61	42	0	0	0	17	N	1854					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0710P ⊙2Sec./ 2314P ⊙2Sec./ ± Sec.

R/S = 0

S/P = 0

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (14)	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	E160 BKN	20			157	50	35	05	10		003	103 1030	WRG
SA	0150	160 SCT	20			155	47	39	11	07		003		WRG
SA	0250	CLR	20			156	46	35	07	07		003	FEW CI NW	WRG
SA	0347	CLR	20			162	45	37	08	05		004	303 1001 44 RADAT 80081	JK
SA	0452	250 SCT	20			162	44	36	11	06		004		JK
SA	0547	140 SCT 250-BKN	20			173	42	36	09	02		007		JK
SA	0648	250 SCT	20			178	45	37	13	03		009	314 1008	JK
SA	0746	CLR	20			186	50	37	15	03		011		JK
SA	0847	CLR	20			190	54	38	25	04		013	CU SE AND NW	JK
SA	0949	250-SCT	20			192	57	37	21	07		014	217 1108 42	JK
SA	1045	CLR	20			193	58	36	21	08		014	CU ALQ05	JK
SA	1146	CLR	20			192	61	36	22	09		014		JK
SA	1245	250-SCT	20			184	64	34	24	08		012	807 1101	JK
SA	1345	250-SCT	20			180	64	34	23	07		011		JK
SA	1450	250-SCT	20			177	65	36	24	10		010	CU SE	JK
SA	1550	250-BKN	20			181	65	34	26	10		011	503 1101 66 RADAT 52111	WRG
SA	1650	250-OVC	20			181	66	35	26	08		011		WRG
SA	1750	250-OVC	20			189	62	34	27	08		012		WRG
SA	1850	250-OVC	20			193	58	33	30	05		013	207 1001	WRG
SA	1950	250-OVC	20			197	57	33	29	06		015		WRG
SA	2050	250-OVC	20			205	53	36	35	06		017		WRG
SA	2150	250-OVC	20			203	54	35	01	07		017	114 1001 66	WRG
SA	2250	250-OVC	20			203	53	35	01	06		017		WRG
SA	2350	250-BKN	20			206	50	36	36	07		018		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $_1R_{i_x}hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 29

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.620	50.3	43.0	56	7	7	AC	E160												6	1	.010			00-01
01 50	26.620	47.0	42.8	72	1															1					01-02
02 50	26.620	45.6	40.8	66	0															0					02-03
03 47	26.630	45.1	41.0	72	0	0	Ci	250												0	3	.010			03-04
04 52	26.630	43.5	40.0	75	4															3					04-05
05 47	26.650	41.6	39.0	81	6															2					05-06
06 48	26.670	45.0	41.0	72	2	2	CS	250												2	3	.040			06-07
07 46	26.690	49.7	43.3	60	0															0					07-08
08 47	26.710	53.8	45.7	55	0															0					08-09
09 49	26.720	57.0	47.0	48	3	0	CU	60	3	CS	250	3								0	2	.050			09-10
10 45	26.720	58.2	47.1	44	0															0					10-11
11 46	26.720	61.0	48.3	39	0															0					11-12
12 45	26.700	63.5	48.5	33	2	0	CU	60	2	Ci	250	2								0	8	.020			12-13
13 45	26.690	64.3	49.1	32	2															0					13-14
14 50	26.680	65.1	50.0	34	2															0					14-15
15 50	26.690	65.2	49.5	32	7	0	Co	60	7	Ci	250	7								3	5	.010			15-16
16 50	26.690	65.6	50.0	32	10															4					16-17
17 50	26.700	62.0	48.1	35	10															4					17-18
18 50	26.710	58.4	46.0	38	10	10	Ci	250												4	2	.020			18-19
19 50	26.730	57.1	45.4	40	10															5					19-20
20 50	26.750	53.3	44.8	52	10															5					20-21
21 50	26.750	54.0	44.7	49	10	10	Ci	250												5	1	.040			21-22
22 50	26.750	52.6	43.9	50	10															4					22-23
23 50	26.760	50.1	43.2	58	7															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	51	44	X	X						X		
	0344	1	0	0	0	53	44		0								
	0945	2	0	0	0	57	42		0								
	1546	3	0	0	0	66	57		0								
	2146	4	0	0	0	66	53		0								
	MID.	X	0	0	0	54	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.720	26.690	26.750
BAROGRAPH 64	26.620	26.720	26.690	26.740
BAR. CORR. 65	+.010	±.0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	42	0	0	0	13	SW	1224					3	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0815 P ±2 Sec./ 2011 P ±2 Sec./ ± Sec.

BAROGRAPH CHANGED 0955P

R/S = 0

S/P = 0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 30

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. OBSERVER'S INITIALS (15)
SA	0050	250-SCT	20			206	48	35	03	05		018	103 1001	WRC
SA	0150	250-SCT	20			206	47	35	00	00		018		WRC
SA	0250	250-SCT	20			208	45	35	07	03		018		WRC
SA	0348	250-SCT	20			200	43	36	19	02		016	807 1001 43 RADAT 24120	008
SA	0449	250-SCT	20			205	41	36	07	02		017		008
SA	0552	250-SCT	20			211	42	35	13	01		018		008
SA	0651	CLR	20			213	48	37	06	02		019	210	008
SA	0753	CLR	20			210	55	38	05	01		019		008
SA	0850	CLR	20			213	59	36	24	03		020		008
SA	0948	CLR	20			210	64	35	22	05		020	203 41	008
SA	1052	CLR	20			207	65	36	23	05		019		008
SA	1151	CLR	20			195	68	37	21	10		016		008
SA	1245	CLR	20			188	69	38	23	10		014	720 1001	008
SA	1350	CLR	20			171	72	37	24	10		010		008
SA	1450	CLR	20			172	72	37	21	10	616	010		008
SA	1553	CLR	20			163	72	35	24	12	620	007	624 73 RADAT 20119	JC
SA	1655	CLR	20			161	71	35	22	13		005		JC
SA	1754	CLR	20			158	67	38	24	16		004		JC
SA	1853	CLR	20			153	64	36	23	13		003	710	JC
SA	1951	CLR	20			157	63	36	03	05		005		JC
SA	2052	CLR	20			155	56	38	01	09		004		JC
SA	2153	CLR	20			152	58	36	36	08		004	003 73	JC
SA	2252	CLR	20			149	55	34	36	05		003		JC
SA	2353	250-SCT	20			144	55	36	02	04		002		JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff i_s $_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_h C_L C_M C_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 30

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.760	48.0	42.0	62	3	3	ci	250												1	1	.010			00-01
01 50	26.760	47.0	41.3	63	1															0					01-02
02 50	26.760	44.8	40.1	66	1															0					02-03
03 48	26.740	43.3	40.0	76	2	2	ci	250												1	8	.020			03-04
04 49	26.750	41.3	38.7	81	2															1					04-05
05 52	26.760	42.3	39.1	76	1															0					05-06
06 51	26.770	47.6	42.3	66	0															0	2	.030			06-07
07 53	26.770	55.2	46.3	52	0															0					07-08
08 50	26.780	59.3	47.6	42	0															0					08-09
09 48	26.780	63.8	49.0	34	0															0	2	.010			09-10
10 52	26.770	65.0	49.9	34	0															0					10-11
11 51	26.740	68.0	51.6	32	0															0					11-12
12 45	26.720	69.4	52.6	32	0	0	ci	250												0	7	.060			12-13
13 50	26.680	71.8	53.3	28	0															0					13-14
14 50	26.680	72.0	53.1	27	0															0					14-15
15 53	26.650	71.8	52.4	26	0															0	6	.020			15-16
16 55	26.640	70.8	52.0	27	0															0					16-17
17 54	26.630	67.0	51.4	34	0															0					17-18
18 53	26.620	64.4	49.9	35	0															0	7	.030			18-19
19 51	26.640	62.6	47.0	37	0															0					19-20
20 52	26.630	56.2	47.0	51	0															0					20-21
21 53	26.630	58.0	46.8	43	0															0	0	.010			21-22
22 52	26.620	55.4	45.0	44	0															0					22-23
23 53	26.610	54.9	45.5	49	1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	50	43	X	X						X		
	0342	1	0	0	0	54	43		0								
	0943	2	0	0	0	65	41		0								
	1545	3	0	0	0	73	63		0								
	2147	4	0	0	0	73	56		0								
	MID.	X	0	0	0	58	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.780	26.650	26.630
BAROGRAPH 64	26.730	26.760	26.640	26.615
BAR. CORR. 65	+.010	+.020	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'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
73	41	0	0	0	23	SW	1636					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1110P ± 1 Sec. 1984P ± 1 Sec. ± Sec.

R/S = 0

S/P = 0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAR 31

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVER'S INITIALS (15)
SA	0049	250 - SCT	20			138	54	36	02	05		001	710 1001	JC
SA	0150	250 - SCT	20			133	56	36	23	06		000		JC
SA	0251	250 - SCT	20			129	56	36	27	09		999		JC
SA	0350	250 - SCT	20			125	55	33	35	04		997	710 1001 52 RADAT 20116	OOB
SA	0449	250 - SCT	20			125	51	33	33	06		996		OOB
SA	0550	CLR	20			126	50	32	03	08		996		OOB
SA	0650	CLR	20			121	58	30	26	03		995	707	OOB
SA	0743	CLR	20			124	62	30	24	02		996		OOB
SA	0850	CLR	20			125	66	28	23	10 G 17		996		OOB
SA	0947	CLR	20			118	68	23	22	18 G 29		995	000 49	OOB
SA	1048	CLR	20			118	70	23	23	21 G 32		995	FEW CU N	OOB
SA	1148	CLR	20			117	73	22	24	19 G 26		995	FEW CU N	OOB
SA	1250	CLR	20			117	73	12	32	21 G 28		995	HALF 400	OOB
SA	1349	CLR	20			127	72	-1	32	23 G 34		998	HALF	OOB
SA	1445	CLR	20			125	71	3	33	24 G 32		997	PK WND 3236/08	OOB
SA	1553	CLR	20			140	68	3	34	28 G 33		001	PK WND 3537/02/217	JC
/													74 RADAT 20104	/
SA	1654	CLR	20			154	65	10	01	14 G 21		004		JC
SA	1748	CLR	20			166	66	10	01	14 G 23		008	PK WND 3443/0058	JC
SA	1847	CLR	20			177	58	9	01	11		011	230	JC
SA	1954	CLR	20			189	54	21	36	06		014		JC
SA	2055	CLR	20			196	52	17	01	11		016		JC
SA	2153	CLR	20			202	51	18	06	05		018	124 74	JC
SA	2254	CLR	20			205	51	17	04	10		020		JC
SA	2352	CLR	20			209	48	22	04	12		021		JC

A synoptic observation, in WHO code format FM12-VII, is entered on line following related aviation 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$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123