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: JANUARY YEAR: 1979

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 (Knots)	DIRECTION	~~SUNSHINE~~ ~~TOTAL (Min.)~~	~~PER CENT OF POSSIBLE~~ Av. Stn. Pressure	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	37	24	31		34					10.9	24	E		27.0	75	0		50	33	33	31
2	39	20	30		35					6.5	17	E		26.9	80	10		32	32	29	30
3	49	28	39		26					4.6	15	SE		26.7	65	9		38	32	15	33
4	53	26	40		25					3.9	16	E		26.7	61	6		43	25	11	35
5	43	35	39		26		.04	T		3.4	13	E		26.6	10	10	RW, SW	35	32	86	91
6	46	32	39		26		.03			1.8	8	E		26.6	10	10	R, RW	92	89	72	91
7	46	31	39		26					6.3	15	N		26.7	63	9		82	57	45	66
8	51	38	45		20					3.5	13	SE		26.7	76	9		58	65	56	60
9	52	35	44		21		.17			4.0	17	E		26.7	03	6	R	93	88	55	70
10	54	32	43		22					4.4	16	NE		26.8	06	9		66	52	45	82
11	53	32	43		22					8.9	21	E		26.6	34	9		86	62	53	70
12	57	35	46		19					8.5	34	NW		26.5	48	7		69	62	30	61
13	52	32	42		23					7.3	17	N		26.7	73	7		65	35	21	45
14	50	32	41		24					5.8	30	S		26.5	10	10		57	37	33	61
15	40	32	36		29		.52	T		5.1	21	S		26.4	95	10	R, S	70	93	92	93
16	44	37	41		24		.04			5.9	14	E		26.5	79	10	R, F	96	85	80	79
17	43	37	40		25		.33			5.3	16	SW		26.4	39	10	R	91	92	91	80
18	46	30	38		27		.06			6.6	24	SW		26.5	11	8	R, RW	70	86	73	89
19	47	30	39		26					7.0	17	N		26.7	41	0		69	46	35	57
20	50	34	42		23					8.8	22	NE		26.8	38	7		52	50	36	57
21	46	30	38		27					4.3	13	N		26.5	94	10		57	50	41	72
22	50	26	38		27					5.4	18	N		26.5	40	1		79	51	33	38
23	47	29	38		27					7.0	17	N		26.6	15	0		34	37	16	52
24	44	30	37		28					6.5	18	E		26.3	51	10		37	40	32	42
25	40	30	35		30		.06	.6		4.9	11	S		26.1	84	9	SG, SW	51	47	95	75
26	42	27	35		30					6.6	17	N		26.6	09	0		54	50	41	52
27	44	19	32		33					4.1	16	S		26.6	05	0		57	38	26	45
28	32	21	27		38		.03	.3		9.2	17	N		26.3	95	10	S, F	82	71	52	46
29	35	13	24		41					3.2	10	SW		26.5	63	0		60	34	32	58
30	34	18	26		39		.02	.2		6.5	23	E		26.6	68	10	S, SW	64	52	51	59
31	34	24	29		36		.30	3.0	2	3.7	23	E		26.5	19	10	S	78	90	77	91
SUM	1400	899	—	—	859	0	1.60	4.1	—	179.9	—	—		825.5	60	216	—	1967	1713	1487	1911
AVG	45.2	29.0	—	—	—	—	—	—	—	5.8	FASTEST	DIRECTION		POSSIBLE	—	7.0	—	63.5	55.3	48.0	61.6
										MISC. →	34	NW		26.6	31		—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 37.1
DEPARTURE FROM NORMAL —
HIGHEST 57 ON 12
LOWEST 13 ON 29
NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 1
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 24
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 859
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 2194
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 1.60 IN.
DEPARTURE FROM NORMAL — IN.
GREATEST ~~IN 24 HRS.~~ Daily .52 ON 15

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 4.1 IN.
GREATEST ~~IN 24 HRS.~~ Daily 3.0 ON 31
GREATEST DEPTH ON GROUND 4 ON 31

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 7
PARTLY CLOUDY (Scale 4–7) 5
CLOUDY (Scale 8–10) 19
WITH 0.01 INCH OR MORE PRECIP. 11
WITH 0.10 INCH OR MORE PRECIP. 4
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
S = SNOW
SG = SNOWGRAINS
SW = SNOWSHOWER

MAXIMUM PRECIPITATION

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

PRESSURE

HIGHEST ~~SEA LEVEL~~ Station 27.150 IN. ON 1
LOWEST ~~SEA LEVEL~~ Station 26.110 IN. ON 25

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

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

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 1

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	ON SERVERS INITIALS (15)
SA	0048	CLR	20			284	30	15	03	10		034	134	008
SA	0147	CLR	20			290	31	11	04	12		036		008
SA	0244	CLR	20			299	30	12	04	11		040		008
SA	0345	CLR	20			306	28	12	02	13		041	220 27 RADAT ZERO	008
SA	0445	CLR	20			314	28	10	01	18		043		GH
SA	0545	CLR	20			335	27	12	36	14		046		GH
SA	0648	CLR	20			354	26	11	36	12		050	230 1001	GH
SA	0745	CLR	20			365	26	9	02	08		054	FEW Ci	GH
SA	0849	CLR	20			374	27	8	36	13		057		GH
SA	0948	CLR	20			377	30	4	36	16		058	224 25	GH
SA	1045	CLR	20			375	34	11	11	12		058		GH
SA	1149	CLR	20			369	35	12	11	14		057		GH
SA	1245	CLR	20			358	36	10	12	18		054	814	GH
SA	1348	CLR	20			353	36	11	11	11 G21		053	FEW Ci	GH
SA	1451	CLR	20			350	36	10	12	10 G21		051	FEW Ci	GH
SA	1550	250 - SCT	20			356	35	8	12	14		053	503 1001 37 RADAT 21036	GH
SA	1650	250 - SCT	20			366	32	3	09	10		055		008
SA	1750	250 - SCT	20			370	32	-1	09	10		056		008
SA	1845	250 - SCT	20			384	30	0	09	11		059	220 1001	008
SA	1949	250 - SCT	20			393	29	-1	05	07		061		008
SA	2048	CLR	20			388	28	-2	34	02		060		008
SA	2147	CLR	20			390	28	1	02	04		061	107 37	008
SA	2246	CLR	20			388	26	0	02	06		061		008
SA	2349	CLR	20			375	27	-3	12	06		058		008

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

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

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 1

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.900	30.1	25.4	52	0															0	1	-.100			00-01
01 47	26.920	30.9	25.0	47	0															0					01-02
02 44	26.940	30.2	24.9	47	0															0					02-03
03 45	26.960	28.0	23.4	50	0															0	2	.060			03-04
04 45	26.980	28.0	23.0	46	0															0					04-05
05 45	27.010	27.2	23.0	53	0															0					05-06
06 48	27.050	25.8	21.8	53	0	0	0.1	250												0	2	.090			06-07
07 45	27.080	26.0	21.5	47	0															0					07-08
08 49	27.110	27.2	22.1	43	0															0					08-09
09 48	27.120	29.6	23.0	33	0															0	2	.070			09-10
10 45	27.120	34.2	27.0	37	0															0					10-11
11 49	27.110	34.6	27.5	38	0															0					11-12
12 45	27.080	36.0	28.0	34	0															0	8	.040			12-13
13 48	27.070	36.3	28.3	35	0															0					13-14
14 51	27.060	36.0	28.0	34	0															0					14-15
15 50	27.070	34.6	26.8	33	3	3	0.1	250												1	5	.010			15-16
16 50	27.090	31.7	24.2	30	3															1					16-17
17 50	27.100	31.6	23.5	24	3															1					17-18
18 45	27.130	30.3	22.9	27	2	2	<.1	250												0	2	.060			18-19
19 49	27.150	29.0	21.9	27	2															0					19-20
20 48	27.140	28.3	21.3	26	0															0					20-21
21 47	27.150	28.0	21.5	31	0															0	1	.020			21-22
22 46	27.150	25.9	20.0	32	0															0					22-23
23 49	27.120	27.2	20.5	27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	32	27	X	X						X		
	0342	1	0	0	0	32	27		0								
	0945	2	0	0	0	30	25		0								
	1545	3	0	0	0	37	30		0								
	2142	4	0	0	0	35	26		0								
	MID.	X	0	0	0	28	24	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1550	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.960	27.120	27.070	27.150
BAROGRAPH 64	26.950	27.120	27.075	27.140
BAR. CORR. 65	+0.010	±0 *	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
37	24	0	0	0	24	E	1107					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:

BAROGRAPH CHANGED COR. 0

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 2

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	GOV. SERVICES INITIALS (15)
SA	0046	CLR	20			372	25	-1	02	08		057	714	008
SA	0149	CLR	20			371	26	-4	09	08		057		008
SA	0243	CLR	20			368	27	-3	03	05		056		008
SA	0342	CLR	20			359	24	-2	03	05		053	814 21 RADAT ZERO	008
SA	0450	~~CLR~~ 250 -SCT	20			353	25	4	02	04		050		GH
SA	0547	250 - SCT	20			352	26	-2	11	06		050		GH
SA	0646	250 - SCT	20			360	22	1	02	02		051	503 1001	GH
SA	0748	E 250 OVC	20			355	24	6	34	01		050		GH
SA	0855	E 250 OVC	20			352	29	1	35	04		050		GH
SA	0948	E 250 OVC	20			351	31	4	12	12		050	603 1007 20	GH
SA	1045	E 250 OVC	20			347	32	5	32	02		049		GH
SA	1146	E 250 OVC	20			325	35	4	11	10		044		GH
SA	1248	E 250 OVC	20			310	36	0	11	12		040	734 1007	GH
SA	1347	E 250 OVC	20			298	38	7	13	09		036		GH
SA	1451	E 250 OVC	20			291	37	10	11	12		034		GH
SA	1545	E 250 OVC	20			297	35	6	11	10		035	514 1007 39	008
													RADAT 21L043051058/2	008
SA	1649	E 250 OVC	20			302	33	3	11	09		036		008
SA	1748	E 250 OVC	20			300	34	1	12	08		036		008
SA	1846	E 250 OVC	20			305	33	-1	09	04		036	103 1007	008
SA	1946	E 250 OVC	20			295	33	-4	09	07		034		008
SA	2043	E 250 OVC	20			288	31	4	09	09		033		008
SA	2144	E 250 OVC	20			289	29	1	04	02		033	610 1007 39	008
SA	2243	250 SCT	20			279	30	0	06	02		031		008
SA	2346	250 SCT	20			271	29	7	36	05		028		008

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WEMO, DESERT ROCK, NV
DATE: 1979 [illegible] 2
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	27.110	25.3	19.5	32	0															0	7	.040			00-01
01 49	27.110	25.8	19.4	27	0															0					01-02
02 43	27.100	26.6	20.0	27	0															0					02-03
03 42	27.070	23.9	18.4	32	0															0	8	.040			03-04
04 50	27.050	25.0	20.0	40	3															1					04-05
05 47	27.050	26.3	20.0	29	3															1					05-06
06 46	27.060	22.0	17.5	40	3	3	CI	250												1	5	.010			06-07
07 48	27.050	24.2	19.8	45	10															6					07-08
08 55	27.050	28.8	22.0	30	10															10					08-09
09 48	27.050	30.6	23.6	32	10	10	CS	E250												10	6	.010			09-10
10 45	27.040	31.8	24.5	32	10															10					10-11
11 46	26.990	35.0	26.3	26	10															10					11-12
12 48	26.950	35.5	26.1	22	10	10	CS	E250												10	7	.100			12-13
13 47	26.920	32.0	28.5	26	10															6					13-14
14 51	26.900	36.6	28.2	32	10															10					14-15
15 45	26.910	35.2	26.8	29	10	10	CS	E250												10	5	.040			15-16
16 49	26.920	33.3	25.2	28	10															10					16-17
17 48	26.920	33.6	25.0	24	10															10					17-18
18 46	26.900	32.6	24.2	24	10	10	CS	E250												10	1	.010			18-19
19 46	26.900	33.0	24.0	19	10															10					19-20
20 43	26.890	31.1	23.9	31	10															10					20-21
21 44	26.890	29.3	22.4	30	10	10	CS	E250												10	6	.030			21-22
22 43	26.870	30.4	22.9	27	5															5					22-23
23 46	26.850	29.2	23.2	38	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340		0	0		28	21										
	0340	1	0	0	0	28	21		0								
	0945	2	0	0	0	31	20		0								
	1542	3	0	0	0	39	30		0								
	2140	4	0	0	0	35	28		0								
	MID.		0	0	0	31	27										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0342	0948	1545	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	27.070	27.050	26.910	26.890
BAROGRAPH 64	27.070	27.050	26.910	26.890
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
39	20	0	0	0	17	E	1426					9			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
1-77

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 3

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SUBSERVERS INITIALS (15)
SA	0049	250 SCT	20			266	29	18	33	04		027	617 1007	008
SA	0147	250 SCT	20			259	31	11	12	04		026		008
SA	0246	250 SCT	20			249	35	8	04	07		024		008
SA	0344	E250 BKN	20			248	32	9	04	03		023	714 1007 27	008
													RADAT 24H 047102	008
SA	0445	250 SCT	20			248	30	13	01	05		022		GH
SA	0548	E160 BKN 250 OVC	20			245	30	9	13	02		021		GH
SA	0645	E120 BKN 250 OVC	20			248	30	10	11	01		022	503 1077	GH
SA	0747	E120 BKN 250 BKN	20			250	32	8	35	05		023		GH
SA	0850	E120 BKN 250 BKN	20			252	37	8	36	02		024		GH
SA	0946	E120 BKN 250 BKN	20			252	38	11	31	04		024	107 1078 297	GH
SA	1048	E100 BKN 250 BKN	20			241	42	12	11	03		022		GH
SA	1146	E100 OVC	20			234	45	3	11	07		019	BINOVC	GH
SA	1249	E100 BKN 250 OVC	20			216	46	-9	12	06		015	727 1077	GH
SA	1350	100 SCT E250 BKN	20			206	49	-9	12	07		013		GH
SA	1449	100 SCT E250 BKN	20			199	48	-9	13	10		012	~~610~~	008
SA	1550	100 SCT E250 BKN	20			205	43	-2	12	12		012	610 1078 49 RADAT 22103	008
SA	1649	100 SCT E250 BKN	20			212	40	19	12	07		013		008
SA	1745	100 SCT E250 BKN	20			217	38	9	12	06		014		008
SA	1848	E250 BKN	20			223	37	10	11	01		015	210 1008	008
SA	1950	E250 OVC	20			226	35	13	11	02		016		008
SA	2050	E250 OVC	20			226	35	14	02	04		017		008
SA	2145	E250 BKN	20			225	36	10	02	04		017	607 1008 49	008
SA	2250	E250 BKN	20			230	29	13	32	03		018		008
SA	2350	250 SCT	20			230	29	14	02	01		018		008

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WOMO, DESERT ROCK, NV

DATE: 1979 JAN 8

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.840	29.4	23.4	39	2	2	CS	250												2	6	.050			00-01
01 47	26.830	31.4	25.3	41	1															1					01-02
02 46	26.810	34.6	26.7	32	5															5					02-03
03 44	26.800	32.4	25.6	38	7	7	CS	E250												7	7	.040			03-04
04 45	26.790	30.0	25.0	49	5															4					04-05
05 48	26.780	29.8	24.0	41	10															10					05-06
06 45	26.790	29.6	24.0	43	10	6	AC	E120	4	CS	250	10								8	5	.010			06-07
07 47	26.800	31.6	24.9	36	8															6					07-08
08 50	26.810	37.0	28.2	30	8															6					08-09
09 46	26.810	38.4	29.6	32	8	6	AC	E120	2	CS	250	8								6	1	.020			09-10
10 48	26.790	42.2	32.0	30	8															8					10-11
11 46	26.770	44.8	32.0	19	10															9					11-12
12 49	26.730	46.4	31.4	9	10	7	AC	E100	3	CS	250	10								9	7	.080			12-13
13 50	26.710	48.5	32.8	9	9															7					13-14
14 49	26.700	47.9	32.5	9	8															5					14-15
15 50	26.700	43.2	36.3	15	9	3	AC	100	6	CS	E250	9								7	6	.030			15-16
16 49	26.710	39.9	32.3	43	9															8					16-17
17 45	26.720	38.0	29.0	30	9															9					17-18
18 48	26.730	37.2	28.6	32	8	8	CS	E250												8	2	.030			18-19
19 50	26.740	34.9	27.9	40	10															10					19-20
20 50	26.750	34.6	28.0	43	10															10					20-21
21 45	26.750	36.2	28.0	33	7	7	CS	E250												7	1	.020			21-22
22 50	26.760	28.6	24.0	51	6															6					22-23
23 50	26.760	28.9	24.6	54	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	35	29	X	X						X		
	0340	1	0	0	0	35	27		0								
	0945	2	0	0	0	39	29		0								
	1542	3	0	0	0	49	36		0								
	2142	4	0	0	0	44	34		0								
	MID.	X	0	0	0	36	28	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1549	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.800	26.810	26.700	26.750
BAROGRAPH 64	26.800	26.810	26.700	26.750
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
49	29	0	0	0	15	SE	1554*					9			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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:

*LAST OF SEVERAL OCCURENCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
1-77

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 4

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OPERATOR INITIALS (15)
SA	0050	250 SCT	20			229	28	10	11	02		018	103 1008	008
SA	0140	250 SCT	20			228	27	11	33	02		018		008
SA	0250	250-SCT	20			231	29	13	32	03		019		008
SA	0351	E250 OVC	20			230	30	10	21	02		018	000 1007 26 RADAT	CG
/						~~226~~		#					32L034089	/
SA	0452	E250 OVC	20			226	31	11	30	02		017		CG
SA	0551	E250 OVC	20			232	31	16	00	00		018		CG
SA	0645	120 SCT E250 ~~OVC~~ BKN	20			234	32	13	00	00		021	307 1078	CG
SA	0745	120 SCT 250 SCT	20			248	33	12	00	00		023		CG
SA	0847	250 SCT	20			249	38	15	00	00		024		CG
SA	0947	250-SCT	20			248	44	10	31	03		025	114 1078 26	CG
SA	1048	250 SCT	20			242	50	-5	16	02		023		CG
SA	1147	250 SCT	20			223	52	-11	12	10		018		CG
SA	1245	E250 BKN	20			226	51	-9	20	08		018	620 1008	CG
SA	1349	250-OVC	20			217	53	0	24	04		016		CG
SA	1448	250-OVC	20			213	52	4	20	04		015		CG
SA	1545	250-OVC	20			217	50	-3	13	05		016	507 1007 53 RADAT 45094	WRG
SA	1649	220-OVC	20			216	45	3	04	03		015		WRG
SA	1750	160 Sct 220-OVC	20			221	42	11	10	07		016		WRG
SA	1850	160 Sct E220 OVC	20			222	41	12	11	05		016	500 1037	WRG
SA	1950	160 Sct E220 OVC	20			219	41	13	12	07		016		WRG
SA	2050	140 Sct E200 OVC	20			219	39	14	11	06		016		WRG
SA	2150	140 Sct E200 OVC	20			209	41	14	09	05		015	503 1037 53	WRG
SA	2245	140 Sct 200-BKN	20			203	36	15	35	02		014		WRG
SA	2350	E120 BKN 180 OVC	20			195	40	12	10	12		012		WRG

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

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

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 1

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.760	27.8	23.0	48	3	3	CS	250												3	1	.010			00-01
01 40	26.760	27.4	22.9	50	3															3					01-02
02 50	26.770	29.0	24.4	51	5															2					02-03
03 51	26.760	29.6	24.0	43	10	10	SC	E250												7	0	.000			03-04
04 52	26.750	30.9	25.0	43	10															7					04-05
05 51	26.760	31.4	26.4	51	10															7					05-06
06 45	26.780	31.6	26.0	46	8	4	AC	120	4	CS	E250	8								7	3	.020			06-07
07 45	26.800	32.6	26.4	43	4															3					07-08
08 47	26.810	37.9	30.0	38	5															3					08-09
09 47	26.820	43.8	32.5	25	4	0	AC	120	4	CS	250	4								1	1	.040			09-10
10 48	26.800	50.0	34.0	10	1															1					10-11
11 47	26.760	51.8	34.5	7	2															2					11-12
12 45	26.760	50.9	34.2	8	9	9	CS	E250												7	6	.060			12-13
13 49	26.740	52.6	36.0	11	10															4					13-14
14 48	26.730	51.8	36.0	14	10															5					14-15
15 45	26.740	49.8	34.1	11	10	10	CS	250												5	5	.020			15-16
16 49	26.730	45.4	32.3	17	10															5					16-17
17 50	26.740	42.2	31.7	27	10															5					17-18
18 50	26.740	41.2	30.4	27	10	3	AC	160	10	CS	E220	10								7	5	.000			18-19
19 50	26.735	41.2	31.4	31	10															7					19-20
20 50	26.740	39.0	30.3	35	10															8					20-21
21 50	26.725	40.5	31.2	35	10	3	AC	140	10	CS	E200	10								8	8	.015			21-22
22 45	26.715	37.6	30.0	40	8															4					22-23
23 50	26.700	40.0	30.6	32	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		30	26										
	0347	1	0	0		36	26		0								
	0943	2	0	0		44	26		0								
	1543	3	0	0		53	44		0								
	2148	4	0	0		50	37		0								
	MID.		0	0		41	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0944	1544	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.820	26.740	26.725
BAROGRAPH 64	26.750	26.800	26.740	26.725
BAR. CORR. 65	+.010	+.020	±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
53	26	0	0	0	16	E	1857					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 [illegible] 5

TO CONVERT LST TO GMT ADD 6 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)	PILOT REPORTS SURFACE (15)
SA	0050	E120 BKN 1800 OVC	20			154	40	12	11	09		009	819 1077	WRC
SA	0150	E120 BKN 1800 OVC	20			178	41	12	10	06		009		WRC
SA	0250	E120 BKN 1800 OVC	20			172	40	14	12	02		005		WRC
SA	0349	E120 BKN 3000 OVC	20			166	40	14	09	02		003	717 1078 35 RADAT	CG
/								46					78091	/
SA	0447	E120 BKN 3000 OVC	20			170	39	16	04	04		003		CG
SA	0547	E120 BKN 3000 OVC	20			178	38	19	00	00		005		CG
SA	0647	E80 BKN 3000 OVC	20		RW-	169	41	15	04	06		003	*00000 1078 / *RB43	CG
SA	0749	E80 OVC	20			169	42	18	11	08		003	RE03	CG
SA	0849	E80 OVC	20			177	43	11	09	06		005		CG
SA	0947	E80 OVC	20			185	43	15	13	02		007	SWW SE-NW / 31400 107 / 35	CG
SP	1032	E15 OVC	5		RW-				03	04		007	RB04	CG
RS	1045	E10 OVC	2		~~SP~~ RW-	190	37	33	03	04		007	SB43 RB04	CG
SP	1112	10 SCT E80 OVC	10		RW-				01	02		004	SE11	CG
SA	1146	10 SCT E80 OVC	10			166	38	34	00	00		001	RWW ALQDS RE26 SE11 PRES FR	CG
SP	1237	E10 BKN 80 OVC	5		RW-				10	06		998	RB35	CG
SA	1249	E10 BKN 80 OVC	5		RW-	157	39	34	30	02		998	8270B1 177 / RB35	CG
SA	1349	E10 BKN 80 OVC	5		RW-	149	38	35	36	02		996		CG
SA	1445	E10 BKN 80 OVC	7		RW-	149	39	34	11	04		996	VSBY LWR N	CG
RS ~~SA~~	1550	10 SCT E80 OVC	15			153	36	34	10	04		997	*50302 RE35 177 / 43	/
/	/	/	/			/	/	/	/	/		/	RADAT 00046	WRC
SA	1650	10 SCT E60 OVC	15			154	37	34	10	04		997		WRC
SA	1750	10 SCT E60 OVC	15			146	38	34	10	05		998		WRC
SA	1850	10 SCT E60 OVC	15			157	38	34	10	06		999	303 177 /	WRC
SA	1950	10 SCT E60 OVC	10		RW-	158	38	35	10	02		999	RB37	WRC
SA	2050	10 SCT E60 OVC	10		RW-	156	36	36	33	03		999		WRC
SA	2150	10 SCT E60 OVC	10		RW-	159	36	36	00	00		000	30301 177 / 43	WRC
SA	2250	10 SCT E60 OVC	10		RW-	165	36	36	00	00		001		WRC
SA	2350	10 SCT E60 OVC	10		RW-	166	36	36	00	00		001		WRC

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 5

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26670	40.4	31.0	31	10	8	AC	E120	2	CS	190	10								9	8	.055			00-01
01 50	26660	40.7	30.9	30	10															7					01-02
02 50	26.640	40.3	31.2	34	10															8					02-03
03 49	26.620	39.9	31.0	35	10	8	AC	E120	2	CS	300	10								10	7	.050			03-04
04 47	26.620	38.8	30.8	39	10															10					04-05
05 47	26.640	38.0	31.0	45	10															10					05-06
06 47	26.620	41.3	32.0	34	10	9	AC	E80	1	CS	300	10								10	0	.000			06-07
07 49	26.620	41.8	33.0	38	10															10					07-08
08 49	26.640	42.9	32.1	26	10															10					08-09
09 47	26.660	42.9	33.0	32	10	10	AC	E80												10	3	.040			09-10
10 45	26.660	36.9	35.0	84	10															10					10-11
11 46	26.600	38.1	36.4	86	10															10					11-12
12 49	26.580	39.0	36.6	81	10	7	CUFRA	E40	3	AC	80	10								10	8	.080			12-13
13 49	26.560	38.0	36.5	88	10															10					13-14
14 45	26.560	38.7	36.4	81	10															10					14-15
15 50	26.570	37.9	36.2	86	10	2	CUFRA	10	10	AC	E40	10								10	5	.010			15-16
16 50	26.565	37.3	35.9	88	10															10					16-17
17 50	26.570	38.0	36.2	85	10															10					17-18
18 50	26.580	38.1	36.4	86	10	2	CUFRA	10	10	AC	E60	10								10	3	.010			18-19
19 50	26.585	38.1	36.6	88	10															10					19-20
20 50	26.590	38.1	37.1	93	10															10					20-21
21 50	26.590	38.3	36.9	91	10	3	CUFRA	10	7	AC	E60	10								10	3	.010			21-22
22 50	26.600	37.7	36.9	93	10															10					22-23
23 50	26.600	37.6	36.6	92	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	41	40	X	X						X		
	0343	1	0	0	0	41	35		0								
	0943	2	T	0	0	43	38		0								
	1549	3	.02	*T	0	43	35		1								
	2149	4	.01	0	0	38	36		1								
	MID.	X	.01	0	0	38	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.660	26520	26580
BAROGRAPH 64	26615	26.660	26560	26580
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 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
43	35	.04	*0	0	13	E	2713					10			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0643	0703			
RW-	1004	1126			
SW-	1043	1111			
RW-	1235	1535			
RW-	1937	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:

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

* MELTED AS IT FELL

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 6

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	ON SERVICE INITIALS (15)
SA	0050	E 40 OVC	10		RW-	166	38	36	10	02		001	10301 17//	WRG
SA	0150	E40 OVC	10		RW-	164	38	36	10	04		000		WRG
SA	0250	E40 OVC	15			158	38	35	04	02		999	RE 40	WRG
SA	0345	E40 OVC	15			159	37	35	00	00		998	60703 17// 36 RADAT 92051	CG
SA	0447	10 SCT E40 OVC	15			154	37	35	09	02		996		CG
SA	0545	10 SCT E40 OVC	15			156	37	35	35	03		997		CG
RS	0647	7 SCT E20 OVC	20			163	38	35	11	03		999	303 17//	CG
SA	0745	7 SCT E20 OVC	10		RW-	170	38	35	09	05		002	RB35	CG
SA	0847	5 SCT E20 OVC	10		R-	174	39	37	29	02		003		CG
SA	0945	5 SCT E20 OVC	20			168	40	37	13	02		002	RE40/00701 17// 35	CG
SA	1046	5 SCT E20 OVC	20			173	42	36	00	00		003		CG
SA	1145	5 SCT E20 OVC	20			164	42	38	00	00		001	RWU ALQDS	CG
SA	1245	5 SCT E20 OVC	20			161	42	38	20	03		999	RWU SE/807 17//	CG
SA	1345	5 SCT E20 OVC	20			161	42	38	18	02		999	RWV E-SE	CG
RS ~~SA~~	1445	5 SCT 20 SCT E40 BKN	20			155	43	37	00	00		998		CG
RS	1550	E 40 BKn 160 BKn	20			159	44	36	14	02		999	500 1430 46	/
/	/	/	/			/	/	/	/	/		/	RADAT 97055	WRG
SA	1650	E 40 OVC	20			164	43	37	22	03		001	BINOVC N	WRG
SA	1750	E 30 OVC	20			169	43	38	21	03		003	BINOVC NW	WRG
SA	1850	E 30 BKn	20			173	40	38	00	00		003	110 1400	WRG
SA	1950	30 Sct 250 - BKn	20			180	37	35	02	04		005		WRG
SA	2050	30 Sct 250 - OVC	20			190	36	34	00	00		008		WRG
SA	2145	30 Sct 250 - OVC	20			191	35	33	10	02		008	114 1407 46	WRG
SA	2245	30 Sct 250 - BKn	20			190	34	32	00	00		008		WRG
SA	2350	30 Sct 250 - SCT	20			195	34	32	00	00		009		WRG

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

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

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 6

To convert LST to GMT ADD 5 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600	38.2	37.0	91	10	10	CUFRA	E40												10	1	.010			00-01
01 50	26.590	37.8	37.0	93	10															10					01-02
02 50	26.580	37.6	36.3	89	10															10					02-03
03 45	26.580	36.7	35.8	92	10	10	CUFRA	E40												10	6	.020			03-04
04 47	26.580	36.9	36.0	93	10															10					04-05
05 45	26.570	37.4	36.3	91	10															10					05-06
06 47	26.590	37.5	36.5	92	10	3	STFRA	7	10	CUFRA	E20	10								10	3	.010			06-07
07 45	26.610	38.0	36.8	90	10															10					07-08
08 47	26.620	38.5	37.8	94	10															10					08-09
09 45	26.610	40.4	39.0	89	10	3	STFRA	5	10	CUFRA	E20	10								10	0	.020			09-10
10 46	26.620	41.5	39.0	81	10															10					10-11
11 45	26.600	41.9	39.9	85	10															10					11-12
12 45	26.590	42.0	40.0	85	10	4	STFRA	5	10	CUFRA	E20	10								10	8	.020			12-13
13 45	26.590	42.2	40.2	85	10															10					13-14
14 45	26.586	43.2	40.1	78	9															9					14-15
15 50	26.590	44.3	40.3	72	8	7	SC	E40	1	AC	160	8								8	5	.000			15-16
16 50	26.600	43.3	40.4	79	10															10					16-17
17 50	26.615	42.6	40.3	83	10															10					17-18
18 50	26.620	40.0	38.8	91	6	6	SC	E30												6	1	.030			18-19
19 50	26.635	36.7	35.6	92	7															3					19-20
20 50	26.660	36.0	35.1	92	10															4					20-21
21 45	26.660	35.2	34.2	91	10	3	SC	30	10	CS	250	10								5	1	.040			21-22
22 45	26.660	34.3	33.4	91	8															3					22-23
23 50	26.675	34.2	33.3	92	5															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	.02	0	X	38	36	X	X						X		
	0343	1	.03	0	0	38	36		2								
	0943	2	.01	0	0	40	36		2								
	1546	3	0	0	0	46	40		1								
	2143	4	0	0	0	44	34		1								
	MID.	X	0	0	0	36	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1549	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.610	26.590	26.660
BAROGRAPH 64	26.550	26.580	26.560	26.635
BAR. CORR. 65	+.030	+.030	+.030	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
46	32	.03	0	0	8	E	0201					10			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT	0240			
RW-	0735	0815			
R-	0815	0940			

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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
1-77

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 7

TO CONVERT LST TO GMT ADD 3 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 ~~R~~	0050	30 Sct 250 -BKN	20			198	33	31	09	03		010	207 1408	WRG
SA ~~R~~	0150	30 Sct 250 -BKN	20			204	33	31	05	02		012		WRG
SA ~~R~~	0250	30 Sct 250 -BKN	20			199	35	32	33	02		011		WRG
SA ~~R~~	0353	30 SCT 250 -SCT	20			192	34	30	09	03		011	002 1508 31 2000 RADAT 85052	RD
SA	0451	30 SCT 250 -SCT	20			204	35	30	36	07		012		RD
SA	0549	30 SCT 250 -BKN	20			210	35	31	01	08		014		RD
SA	0650	250 -BKN	20			217	35	28	01	11		015	315 1658	RD
SA	0750	250 -~~BKN~~ SCT	20			223	35	26	01	12		017		RD
SA	0851	250 -BKN	20			233	37	26	01	12		020		RD
SA	0950	250 -OVC	20			241	38	25	01	12		022	217 1007 31	RD
SA	1050	250 -OVC	20			242	41	26	35	10		023	FEW CU S	RD
SA	1150	E250 OVC	20			232	43	26	01	08		020	SC S	RD
SA	1250	50 SCT E250 OVC	20			223	45	26	09	03		017	815 1507	RD
SA	1349	50 SCT E250 OVC	20			224	44	27	09	03		017		RD
SA	1451	50 SCT E250 OVC	20			223	45	22	10	04		017		RD
SA	1548	50 SCT E250 OVC	20			226	44	24	11	05		018	303 1507 46 RADAT 58056	CRD
SA	1645	50 SCT E250 OVC	20			227	43	25	11	04		018		CRD
SA	1745	40 SCT E250 OVC	20			229	42	29	03	02		019		CRD
SA	1847	E35 BKN 250 OVC	20			233	41	27	11	04		020	207 1507	CRD
SA	1945	E30 BKN 250 OVC	20			237	41	29	11	05		022		CRD
SA	2045	E30 BKN 250 OVC	20			243	41	26	33	04		023		CRD
SA	2146	E30 BKN 250 OVC	20			250	39	29	01	10		025	215 1507 46	CRD
SA	2245	E30 BKN 250 OVC	20			247	39	29	01	10		025		CRD
SA	2345	E35 OVC	20			247	39	29	01	07		025		CRD

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 7

To convert LST to GMT ADD 5 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.680	33.1	32.2	92	8	1	Sc	30	8	CS	250	8								3	2	.020			00-01
01 50	26.695	32.8	32.1	94	6	1	C	2												3					01-02
02 50	26.690	33.3	33.9	86	6															3					02-03
03 53	26.685	34.0	32.0	82	5	2	Sc	30	3	CS	250	5								2	0	.005			03-04
04 51	26.700	34.8	32.6	82	5															2					04-05
05 49	26.715	35.0	33.1	84	6															2					05-06
06 50	26.730	34.7	32.0	77	6	0	ST	30	0	Ac	140	0	6	CS	250	6				2	3	.045			06-07
07 50	26.745	35.0	31.4	68	2															0					07-08
08 51	26.770	36.8	32.4	64	8															3					08-09
09 50	26.790	38.4	33.0	57	10	10	CS	250												4	2	.060			09-10
10 50	26.800	41.4	35.2	55	10															4					10-11
11 50	26.770	42.8	36.0	52	10															6					11-12
12 50	26.745	45.2	37.0	46	10	1	Sc	50	10	CS	E250	10								8	8	.045			12-13
13 49	26.750	44.4	37.1	50	10															9					13-14
14 51	26.750	45.0	36.0	40	10															10					14-15
15 48	26.755	44.1	36.0	45	10	3	Sc	50	7	CS	E250	10								10	3	.010			15-16
16 45	26.760	43.3	35.7	47	10															10					16-17
17 45	26.765	42.0	36.4	59	10															10					17-18
18 47	26.775	41.2	35.5	58	10	6	Sc	E35	4	CS	250	10								10	2	.020			18-19
19 45	26.785	40.6	35.8	64	10															10					19-20
20 45	26.800	41.3	35.0	54	10															10					20-21
21 46	26.820	39.2	34.8	66	10	7	Sc	E30	3	CS	250	10								10	2	.045			21-22
22 45	26.815	38.8	34.8	69	10															10					22-23
23 45	26.820	38.7	34.6	68	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	36	31	X	X						X		
	0347	1	0	0	0	36	31		1								
	0944	2	0	0	0	38	32		0								
	1545	3	0	0	0	46	37		0								
	2144	4	0	0	0	45	38		0								
	MID.	X	0	0	0	40	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.685	26.790	26.755	26.820
BAROGRAPH 64	26.665	26.775	26.735	26.795
BAR. CORR. 65	+.020	+.020	+020	+025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
46	31	0	0	0	15	N	0555					9			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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:

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 08 1979

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY 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)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	(15)
SA	0048	E35 OVC	20			243	39	29	02	03		024	703 15//	CRD
SA	0145	E35 OVC	20			246	39	29	03	02		025		CRD
SA	0250	E35 OVC	20			248	39	29	02	03		026		CRD
SA	0350	E35 OVC	20			246	40	26	36	03		025	003 15// 38 RADAT 79056	RD
SA	0450	E35 OVC	20			245	39	27	36	04		025		RD
SA	0551	E35 OVC	20			249	39	27	03	02		025		RD
SA	0650	E35 OVC	20			249	39	31	36	04		026	302 15//	RD
SA	0749	E40 OVC	20			255	40	32	09	02		027		RD
SA	0850	E40 OVC	20			255	41	32	09	02		028		RD
SA	0952	E40 OVC	20			253	44	33	10	04		027	B/NOVC S / 005 1500 38T	RD
SA	1050	E55 OVC	20			251	45	32	33	03		026		RD
SA	1152	55 SCT 250 -SCT	20			236	49	33	19	02		023		RD
SA	1250	50 SCT 250 -BKN	20			226	49	34	25	05		020	722 1508	RD
SA	1349	E50 BKN 250 OVC	20			219	50	30	20	02		018		RD
SA	1451	50 SCT E250 BKN	20			214	50	33	04	02		017		RD
SA	1547	50 SCT E250 OVC	20			206	48	33	11	05		015	217 1507 51 RADAT 74L06083085	CRD
SA	1645	50 SCT E250 OVC	20			208	47	33	02	03		015		CRD
SA	1745	50 SCT E250 OVC	20			214	46	33	02	02		016		CRD
SA	1845	50 SCT 120 SCT E250 OVC	20			212	44	30	12	08		015	002 1557	CRD
SA	1945	50 SCT 120 SCT E2000 VC	20			209	43	28	09	04		015		CRD
SA	2045	50 SCT 120 SCT E2000 VC	20			208	42	32	04	04		014		CRD
SA	2145	E50 BKN 1200 VC	20			208	42	29	10	05		014	603 155/ 51	CRD
SA	2245	E500 VC	20			204	41	31	07	03		014		CRD
SA	2345	E500 VC	20			190	42	30	11	07		011		CRD

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 08 1979

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.810	39.0	34.7	66	10	10	Sc	E35												10	7	010			00-01
01 45	26.815	39.1	34.8	67	10															10					01-02
02 50	26.825	38.7	34.7	68	10															10					02-03
03 50	26.820	39.8	34.2	58	10	10	Sc	E35												10	0	.010			03-04
04 50	26.815	39.0	34.0	61	10															10					04-05
05 51	26.820	39.0	34.1	61	10															10					05-06
06 50	26.825	39.4	35.8	72	10	10	Sc	E35												10	3	.005			06-07
07 49	26.840	39.7	36.3	74	10															10					07-08
08 50	26.845	41.2	37.2	76	10															10					08-09
09 52	26.840	43.5	38.6	65	10	10	Sc	E40												10	0	.015			09-10
10 50	26.830	45.0	39.0	59	10															7					10-11
11 52	26.800	48.8	41.5	54	5															2					11-12
12 50	26.775	48.9	42.0	57	8	4	Sc	50	4	Cs	250	8								4	7	.065			12-13
13 49	26.760	49.8	40.9	46	10															8					13-14
14 51	26.745	50.3	42.0	51	8															5					14-15
15 47	26.725	48.2	41.2	56	10	1	Sc	50	9	Cs	E250	10								8	7	.050			15-16
16 45	26.725	46.8	40.3	58	10															10					16-17
17 45	26.735	45.5	39.7	61	10															10					17-18
18 45	26.730	43.8	37.6	57	10	3	Sc	50	2	Ac	120	5	5	Cs	E250	10				10	0	.005			18-19
19 45	26.725	43.2	36.8	55	10															10					19-20
20 45	26.720	41.9	37.6	69	10															10					20-21
21 45	26.720	41.5	36.0	60	10	6	Sc	E50	4	Ac	120	10								10	6	010			21-22
22 45	26.715	40.8	36.5	68	10															10					22-23
23 45	26.685	41.8	36.5	61	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	40	38	X	X						X		
	0344	1	0	0	0	40	38		0								
	0943	2	0	0	0	44	38		0								
	1545	3	0	0	0	51	43		0								
	2143	4	0	0	0	49	40		0								
	MID.	X	0	0	0	42	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.840	26.725	26.720
BAROGRAPH 64	26.800	26.825	26.720	26.705
BAR. CORR. 65	+.020	+.015	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	38	0	0	0	13	SE	2355					9			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 19 1979

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) 3	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION 00-36 (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA 13	INITIALS (15)
SA	0046	25 SCT E50 OVC	15		R-	185	40	33	09	08		008	RB15 / 71700 15//	CRD
RS-SP	0145	E25 OVC	10		R-	186	40	34	23	04		009		CRD
SA	0245	E25 OVC	10		R-	187	38	36	20	02		009		CRD
SA	0352	E25 OVC	10		R-	183	37	35	09	02		007	80507 16// 36 20007	RD
—	—		—			—						—	RADAT 99048	—
SA	0450	E25 OVC	10		R-	181	37	35	18	02		007		RD
SA	0548	E25 OVC	10		R-	184	37	35	05	02		007		RD
SA	0650	E25 OVC	07		R-	189	38	34	02	03		009	30582 16//	RD
SA	0748	10 SCT E25 OVC	7		R-	194	36	34	10	03		010		RD
SA	0848	10 SCT E25 OVC	7		R-	204	36	34	10	02		012		RD
RS	0951	15 SCT E30 OVC	10			207	37	34	13	02		013	RE43 / 11410 16// 35	RD
SA	1050	15 SCT 30 SCT E250 BKN	15			202	40	36	09	04		012		RD
SA	1148	30 SCT 250 - BKN	20			193	42	35	23	02		010		RD
SA	1250	E30 BKN 250 BKN	20			185	47	39	25	04		009	614 1508	RD
SA	1349	30 SCT 250 SCT	20			180	47	36	00	00		007		RD
SA	1451	30 SCT 250 SCT	20			178	49	36	00	00		007		RD
SA	1549	30 SCT	20			181	50	35	02	06		007	503 1100 52 RADAT 81066	CRD
SA	1645	30 SCT	20			196	48	35	35	04		011		CRD
SA	1746	CLR	20			206	43	34	03	05		013		CRD
SA	1845	CLR	20			218	43	31	04	07		017	229 1500	CRD
SA	1945	CLR	20			231	39	30	02	04		019		CRD
SA	2045	CLR	20			235	40	29	03	07		021		CRD
SA	2145	CLR	20			237	40	32	01	09		022	214 52	CRD
SA	2245	CLR	20			245	38	33	01	07		024		CRD
SA	2346	250 SCT	20			241	41	27	01	07		024		CRD

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WOMO, DESERT ROCK, NV

DATE: JAN 19 1979

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.670	40.2	36.8	74	10	4	STFRA	25	6	Sc	E50	10								10	7	.050			00-01
01 45	26.675	37.8	37.2	80	10															10					01-02
02 45	26.675	38.0	37.0	92	10															10					02-03
03 52	26.655	37.2	36.4	93	10	10	ST	E25												10	8	.015			03-04
04 50	26.650	37.0	35.9	91	10															10					04-05
05 48	26.655	36.6	35.8	94	10															10					05-06
06 50	26.670	37.7	36.2	88	10	10	ST	E25												10	3	.015			06-07
07 48	26.680	35.9	35.0	93	10															10					07-08
08 48	26.700	36.1	35.3	92	10															10					08-09
09 51	26.710	37.4	36.0	88	10	1	STFRA	15	9	ST	E30	10								10	1	.040			09-10
10 50	26.700	39.9	37.9	85	9															7					10-11
11 48	26.680	42.4	39.0	76	8															4					11-12
12 50	26.670	46.9	42.8	73	8	6	Sc	E30	2	CS	250	8								7	6	.040			12-13
13 49	26.655	46.6	41.6	67	2															2					13-14
14 51	26.650	48.9	42.7	61	1															1					14-15
15 49	26.660	50.2	42.8	55	1	1	Cu	30												1	5	.010			15-16
16 45	26.690	48.2	42.0	61	1															1					16-17
17 46	26.710	43.3	39.1	70	0															0					17-18
18 45	26.745	43.0	39.5	61	0	0	Sc.	50												0	2	.085			18-19
19 45	26.765	39.2	35.3	70	0															0					19-20
20 45	26.780	40.0	35.3	64	0															0					20-21
21 45	26.785	40.4	36.5	70	0															0	2	.040			21-22
22 45	26.805	37.8	35.8	84	0															0					22-23
23 46	26.805	41.2	35.3	57	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		.07	0		42	36										
	0344	1	.07	0	0	42	36		2								
	0944	2	.10	0	0	38	35		2								
	1545	3	0	0	0	52	37		1								
	2143	4	0	0	0	51	38		1								
	MID.		0	0	0	42	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1548	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.655	26.710	26.660	26.755
BAROGRAPH 64	26.640	26.710	26.675	26.760
BAR. CORR. 65	+.015	+0 *	-.015	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
52	35	.17	0	0	17	E	0016					7			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0015	0943			

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:

* CHANGED AND RESET MICROBAROGRAPH AT 0955 LST

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 10 1979

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	INITIALS (15)
SA	0045	250 SCT	20			241	39	27	36	10		024	308 1008	CRO
SA	0145	250 SCT	20			246	39	27	02	10		025		CRO
SA	0245	250 - SCT	20			248	39	26	03	12		026		CRO
SA	0347	250 - SCT	20			242	36	28	03	03		025	002 1008 42 RADAT 2810 5106 5	JJ
SA	0447	250 - SCT	20			245	36	26	01	06		025		JJ
SA	0546	250 - SCT	20			254	34	29	06	05		026		JJ
SA	0646	250 - BKN	20			255	36	24	10	02		027	207 1008	JJ
SA	0746	E250 OVC	20			257	38	24	36	08		027		JJ
SA	0846	E250 OVC	20			269	38	26	31	02		031		JJ
SA	0948	E250 OVC	20			267	43	26	22	02		031	114 1001 32	JJ
SA	1047	E250 OVC	20			267	47	25	18	03		031		JJ
SA	1146	E250 OVC	20			252	48	24	18	02		028	FEW AC NW-N	JJ
SA	1246	E250 OVC	20			235	50	23	27	02		023	825 1074	JJ
SA	1346	250 - SCT	20			222	52	23	22	02		019		JJ
SA	1448	E250 BKN	20			216	51	26	23	05		017		JJ
SA	1550	E250 OVC	20			223	50	29	23	06		019	512 1007 54 RADAT 5010 1	LEF
SA	1649	140 SCT E250 OVC	20			223	49	31	24	02		019		LEF
SA	1748	140 SCT E250 OVC	20			232	43	35	01	04		020		LEF
SA	1847	140 SCT E250 OVC	20			238	39	35	15	01		022	307 1077	LEF
SA	1950	140 SCT E250 OVC	20			239	37	34	05	03		022		LEF
SA	2050	140 SCT E250 OVC	20			228	37	33	11	03		018		LEF
SA	2150	E140 BKN 250 OVC	20			228	38	33	14	03		020	505 1077 54	LEF
SA	2250	140 SCT E250 BKN	20			222	37	32	28	04		018		LEF
SA	2349	140 SCT E250 BKN	20			216	35	31	35	06		016		LEF

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

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 10 1979

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0045	26.810	39.4	34.2	60	1	1	Cs	250												1	3	025			00-01
0145	26.820	38.6	34.0	64	2															2					01-02
0245	26.830	38.5	33.3	59	2															1					02-03
0347	26.815	36.3	32.3	66	2	2	Cs	250												1	0	.005			03-04
0447	26.820	36.3	32.1	65	2															1					04-05
0546	26.830	33.8	30.6	72	1															0					05-06
0646	26.835	35.7	31.3	63	6	6	Cs	250												3	2	020			06-07
0746	26.840	37.8	32.3	56	10															7					07-08
0846	26.870	38.0	33.1	61	10															9					08-09
0948	26.875	42.5	35.7	52	10	10	Ci	E250												6	1	.040			09-10
1047	26.875	46.8	37.8	43	10															9					10-11
1146	26.845	47.6	37.7	38	10															9					11-12
1246	26.800	49.6	38.6	35	10	0	Ac	150	10	Ci	E250	10								7	8	.075			12-13
1346	26.765	51.7	39.6	32	4															2					13-14
1448	26.750	51.4	40.3	36	9															6					14-15
1550	26.765	50.0	40.8	45	10	10	Cs	E250												6	5	035			15-16
1649	26.760	48.8	40.6	50	10															7					16-17
1748	26.770	43.3	39.5	73	10															8					17-18
1847	26.785	39.4	37.4	84	10	1	Ac	140	9	Ci	E250	10								6	3	020			18-19
1950	26.785	37.4	35.7	86	10															6					19-20
2050	26.760	36.7	35.1	86	10															7					20-21
2150	26.770	38.2	36.0	82	10	6	Ac	E140	4	Ci	250	10								8	5	015			21-22
2250	26.755	36.8	34.9	84	9															7					22-23
2349	26.740	35.0	33.5	87	9															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	42	35	X	X						X		
	0345	1	0	0	0	42	35		1								
	0945	2	0	0	0	44	32		0								
	1545	3	0	0	0	54	43		0								
	2145	4	0	0	0	50	35		0								
	MID.	X	0	0	0	38	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.815	26.875	26.765	26.770
BAROGRAPH 64	26.810	26.870	26.770	26.760
BAR. CORR. 65	+005	+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 TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	32	0	0	0	16	NE	0241					9			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1979 JAN 11

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	140 SCT 250 - BKN	20			211	36	31	09	02		016	712 1078	LEF
SA	0150	140 SCT 250 - BKN	20			208	34	31	36	04		015		LEF
SA	0250	E140 BKN 250 BKN	20			210	35	30	28	03		015		LEF
SA	0348	140 SCT E250 OVC	20			200	34	31	11	02		012	712 1077 33 RADAT 71118	LL
SA	0449	140 SCT E250 OVC	20			193	34	30	02	02		010		LL
SA	0547	140 SCT 250 - BKN	20			194	37	30	32	04		010		LL
SA	0646	140 SCT 250 - BKN	20			199	34	29	10	02		010	607 1078	LL
SA	0746	E140 BKN 250 OVC	20			195	37	30	10	08		008		LL
SA	0846	140 SCT E250 OVC	20			200	38	30	27	04		011		LL
SA	0949	140 SCT E250 OVC	20			198	41	29	05	02		011	102 1077 32	LL
SA	1046	E140 BKN 250 BKN	20			191	46	32	09	09		009		LL
SA	1146	140 SCT 250 - BKN	20			181	48	31	10	08		006		LL
SA	1247	140 SCT E250 OVC	20			157	51	30	11	09		000	830 1077	LL
SA	1346	90 SCT 140 SCT E250 OVC	20			152	50	30	12	10		998		LL
SA	1449	140 SCT E250 BKN	20			148	51	30	12	11		997		LL
SA	1550	140 SCT 250 - OVC	20			149	48	31	11	12		997	710 1477 53 RADAT 52088	LEF
SA	1650	E140 BKN 250 OVC	20			147	47	33	11	11		997		LEF
SA	1749	E140 BKN 250 OVC	20			145	44	31	11	14		996		LEF
SA	1850	E140 BKN 250 OVC	20			159	42	30	11	15		999	305 1477	LEF
SA	1949	E140 BKN 250 OVC	20			155	41	31	10	11		998		LEF
SA	2048	80 SCT E140 BKN 250 OVC	20			164	41	32	10	16		000		LEF
SA	2150	E80 BKN 130 OVC	20			157	41	32	09	16		999	002 107/ 53	LEF
SA	2250	E80 BKN 130 OVC	20			146	43	32	09	07		998		LEF
SA	2350	E60 OVC	20			135	43	32	11	12		994		LEF

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: 1979 JAN 11
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.735	36.0	34.0	83	7	3	Ac	140	4	Cs	250	7							3	7	.035			00-01
01	50	26.725	34.4	33.0	87	7														3					01-02
02	50	26.730	35.0	33.0	83	9														6					02-03
03	48	26.700	34.4	32.8	86	10	3	Ac	140	7	Cs	E250	10							7	7	.035			03-04
04	49	26.680	34.0	32.4	86	10														8					04-05
05	47	26.680	36.7	33.7	75	8														4					05-06
06	46	26.680	33.7	31.8	83	8	3	Ac	140	5	Cs	250	8							3	6	.020			06-07
07	46	26.670	37.0	33.9	75	10														8					07-08
08	46	26.685	38.1	34.7	73	10														10					08-09
09	49	26.685	40.8	35.7	62	10	3	Ac	140	7	Cs	E250	10							7	1	.005			09-10
10	46	26.675	46.1	39.6	57	9														7					10-11
11	46	26.650	48.0	40.1	51	7														3					11-12
12	47	26.595	50.6	41.2	44	10	3	Ac	140	7	Cs	E250	10							6	8	.090			12-13
13	44	26.575	49.7	40.7	46	10														6					13-14
14	49	26.570	50.6	41.4	46	7														4					14-15
15	50	26.565	47.8	40.3	53	10	0	Sc	45	5	Ac	140	5	5	Cu	250	10			5	7	.030			15-16
16	50	26.560	46.7	40.2	58	10														7					16-17
17	49	26.550	43.6	38.3	62	10														7					17-18
18	50	26.580	42.4	37.1	62	10	0	Sc	45	6	Ac	E140	6	4	Cu	250	10			7	3	.015			18-19
19	49	26.570	41.2	36.9	68	10														6					19-20
20	48	26.595	41.0	37.0	70	10														8					20-21
21	50	26.585	41.0	37.0	70	10	7	Ac	E80	3	Ac	130	10							10	0	.005			21-22
22	50	26.570	42.8	37.8	64	10														10					22-23
23	50	26.540	43.1	38.1	65	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	36	33	X	X						X		
	0345	1	0	0	0	38	33		0								
	0945	2	0	0	0	42	32		0								
	1545	3	0	0	0	53	41		0								
	2145	4	0	0	0	48	40		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.685	26.565	26.585
BAROGRAPH 64	26.690	26.675	26.565	26.565
BAR. CORR. 65	+.010	+.010	±0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	32	0	0	0	21	E	0731					9			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1_10A
1-77

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 12 1979

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	[illegible] (15)
SA	0049	E60 OVC	20			129	41	32	11	13		993	720 15//	LEF
SA	0150	E45 OVC	20			130	42	32	10	10		993		LEF
SA	0250	E45 OVC	20			120	41	32	11	14		990		LEF
SA	0349	E45 OVC	20			112	41	32	23	07		987	815 15// 39 RADAT 59104	JJ
SA	0446	E45 OVC	20			107	41	32	10	11		986		JJ
SA	0546	E50 OVC	20			106	41	32	09	07		985		JJ
SA	0646	E50 OVC	20			114	41	31	09	05		987	502 15//	JJ
SA	0746	E40 OVC	20			127	42	33	09	02		991	CLDS TPS MTNS S	JJ
SA	0846	30 SCT E60 BKN 100 OVC	20			129	44	32	09	05		992	BINOVC	JJ
SA	0949	40 SCT E100 BKN 250 OVC	20			132	46	34	28	02		993	219 1277 39	JJ
SA	1046	40 SCT 100 SCT 250 SCT	20			127	50	35	18	02		993		JJ
SA	1147	40 SCT 120 SCT	20			118	52	39	19	11		991		JJ
SA	1247	40 SCT 120 SCT	20			111	54	38	20	11		988	715 1270	JJ
SA	1346	40 SCT 120 SCT E250 BKN	20			103	56	37	20	13		987		JJ
SA	1446	40 SCT 120 SCT E250 BKN	20			105	53	37	31	17 G24		987		JJ
SA	1550	40 SCT 120 SCT E250 BKN	20			122	51	21	32	16 G29		991	308 1178 57 RADAT 40081	LEF
SA	1650	250 - BKN	20			145	51	19	32	20 G31		998	SC AC SE PRESRR	LEF
SA	1749	250 - BKN	20			155	48	16	33	12		000		LEF
SA	1850	CLR	20			166	45	22	34	10		003	237 1070	LEF
SA	1949	CLR	20			173	40	28	33	02		004		LEF
SA	2050	CLR	20			179	39	27	16	02		006		LEF
SA	2150	CLR	20			189	38	26	03	06		009	217 57	LEF
SA	2248	CLR	20			195	40	25	08	07		012		LEF
SA	2350	CLR	20			200	35	26	02	03		013		LEF

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

FM11D: IIiii NddFf VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_psosp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $5w_dw_Pw_Hw_Hw$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 12 1979

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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 49	26.525	40.9	37.1	72	10	10	SC	E60												10	7	.060			00-01
01 50	26.530	41.8	37.4	68	10															10					01-02
02 50	26.500	41.0	37.0	70	10															10					02-03
03 49	26.480	41.3	37.1	69	10	10	SC	E45												10	8	.045			03-04
04 46	26.465	41.2	37.0	69	10															10					04-05
05 46	26.455	41.4	37.4	70	10															10					05-06
06 46	26.475	40.6	36.5	69	10	10	SC	E50												10	5	.005			06-07
07 46	26.510	42.0	38.0	71	10															10					07-08
08 46	26.515	44.1	38.7	63	10															10					08-09
09 49	26.530	46.0	40.3	62	10	3	cu	40	5	Ac	E100	8	2	CS	250	10				8	2	.055			09-10
10 46	26.525	50.1	43.0	57	3															3					10-11
11 47	26.505	52.4	45.7	61	5															4					11-12
12 47	26.485	54.0	45.7	54	3	2	Cu	40	1	AC	120	3								3	7	.045			12-13
13 46	26.470	55.7	46.4	50	7															7					13-14
14 46	26.470	52.8	44.8	54	8															7					14-15
15 50	26.510	58.0	38.8	30	8	2	cu	40	0	AC	120	2	6	cu	E250	8				5	3	.025			15-16
16 50	26.570	51.0	38.3	28	8															2					16-17
17 49	26.590	47.7	36.0	28	6															1					17-18
18 50	26.620	45.0	36.0	40	0	0	AC	120												0	2	.110			18-19
19 49	26.625	40.0	35.0	62	0															0					19-20
20 50	26.645	39.1	34.1	62	0															0					20-21
21 50	26.670	38.1	33.2	61	0															0	2	.050			21-22
22 48	26.695	40.3	34.1	54	0															0					22-23
23 50	26.705	35.3	31.5	67	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	43	39	X	X						X		
	0345	1	0	0	0	43	39		0								
	0945	2	0	0	0	46	39		0								
	1545	3	0	0	0	57	46		0								
	2145	4	0	0	0	51	36		0								
	MID.	X	0	0	0	43	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.530	26.510	26.670
BAROGRAPH 64	26.465	26.510	26.510	26.650
BAR. CORR. 65	+.015	+.020	±0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	35	0	0	0	34	NW	1558					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 13

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's-36's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	(14)	(15)
SA	0050	CLR	20			203	35	28	01	09		014	215		LEF
SA	0148	CLR	20			210	35	24	02	07		016			LEF
SA	0250	CLR	20			211	38	22	33	05		016			LEF
SA	0349	CLR	20			223	33	23	35	03		018	215 33 RADAT 48059		JJ
SA	0447	CLR	20			220	36	19	02	06		018			JJ
SA	0547	CLR	20			234	37	17	01	11		022			JJ
SA	0647	CLR	20			239	36	17	01	12		023	314		JJ
SA	0747	250 -SCT	20			246	37	17	09	02		024			JJ
SA	0846	250 -BKN	20			250	39	17	01	08		025			JJ
SA	0949	250 -SCT	20			255	42	16	03	06		027	214 1001 32		JJ
SA	1046	180 SCT 250 -BKN	20			258	44	18	35	07		028			JJ
SA	1146	250 -BKN	20			233	47	14	09	10		023			JJ
SA	1247	250 -OVC	20			223	49	12	09	09		018	827 1004		JJ
SA	1346	250 -BKN	20			219	49	6	09	02		017			JJ
SA	1449	160 SCT 250-SCT	20			212	50	9	13	10		016			JJ
SA	1550	160 SCT 250-BKN	20			220	48	10	11	09		017	503 1028 52 RADAT 25022		LEF
SA	1649	160 SCT 250-OVC	20			216	45	16	09	08		016			LEF
SA	1750	160 SCT 250-OVC	20			221	42	21	10	04		017			LEF
SA	1849	160 SCT E250 OVC	20			221	43	20	09	06		017	500 1077		LEF
SA	1950	70 SCT E160 BKN 250 OVC	20			219	41	23	12	08		016			LEF
SA	2050	70 SCT E160 OVC	20			218	42	19	11	06		017			LEF
SA	2150	70 SCT E160 OVC	20			215	41	21	11	09		016	703 1071 52		LEF
SA	2250	70 SCT E160 OVC	20			205	42	17	09	04		014			LEF
SA	2350	100 SCT E160 OVC	20			193	41	17	12	14		011			LEF

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

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK

DATE: 1979 MAY 13

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0050	26.715	35.3	32.3	74	0															0	2	.045			00
0148	26.735	35.0	30.9	64	0															0					01
0250	26.740	37.7	31.8	53	0															0					02
0349	26.760	33.3	29.4	65	0															0	2	.045			03
0447	26.760	36.3	30.0	49	0															0					04
0547	26.790	37.3	30.0	43	0															0					05
0647	26.800	36.2	29.5	46	0															0	3	.040			06
0747	26.810	37.0	30.0	45	2															1					07
0846	26.820	34.3	31.3	41	7															2					08
0949	26.840	42.1	32.8	35	3	3	Ci	250												1	2	.040			09
1046	26.850	43.6	34.0	35	7															3					10
1146	26.795	47.2	35.3	26	9															3					11
1247	26.760	48.9	35.7	22	10	10	Ci	250												4	8	.080			12
1346	26.750	49.1	34.9	17	6															3					13
1449	26.740	50.2	35.9	18	4															2					14
1550	26.750	47.8	34.7	21	7	1	AC	160	6	CU	250	7								2	5	.010			15
1649	26.740	45.0	34.3	30	10															5					16
1750	26.750	42.2	34.1	43	10															5					17
1849	26.750	43.3	34.4	39	10	3	AC	160	7	CU	250	10								8	5	.000			18
1950	26.740	41.2	34.0	48	10															10					19
2050	26.745	42.0	33.5	40	10															10					20
2150	26.740	46.9	33.3	45	10	3	AC	70	7	AC	E160	10								10	7	.010			21
2250	26.720	42.0	33.0	36	10															10					22
2350	26.690	40.7	32.3	38	10															10					23

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	38	33	X	X						X		
	0345	1	0	0	0	43	33		0								
	0945	2	0	0	0	43	32		0								
	1545	3	0	0	0	52	42		0								
	2145	4	0	0	0	48	40		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.840	26.750	26.740
BAROGRAPH 64	26.745	26.840	26.750	26.742
BAR. CORR. 65	+.015	*0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
52	32	0	0	0	17	N	0610					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:

*BAROGRAM CHANGED 0950PST - SET TO 2520 CORRECTION.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK

DATE: 1979 JAN 14

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	[illegible] (15)
SA	0048	100 SCT E160 BKN 250 OVC	20			187	40	19	05	08		009	722 1077	LEF
SA	0150	100 SCT E160 BKN 250 OVC	20			184	39	22	33	02		008		LEF
SA	0250	100 SCT E160 BKN 250 OVC	20			175	38	23	36	02		006		LEF
SA	0346	E140 OVC	20			164	36	22	31	03		002	824 107/35 RADAT	MR
/													38059	/
SA	0445	100 SCT E140 OVC	20			162	37	20	00	00		001		MR
SA	0545	100 SCT E140 OVC	20			155	36	23	02	02		997		MR
SA	0646	100 SCT E140 OVC	20			152	33	23	32	02		996	715 107/	MR
SA	0745	E100 BKN 150 OVC	20			148	36	20	31	04		996		MR
SA	0845	E100 BKN 150 OVC	20			138	38	21	34	03		994		MR
SA	0948	100 SCT E180 OVC	20			134	41	17	03	02		992	712 107/ 32	MR
SA	1045	E80 BKN 160 OVC	20			120	44	16	36	03		989		MR
SA	1146	E70 OVC	20			105	50	5	18	11		985	VIRGA SE	MR
SA	1247	E90 BKN 150 OVC	20			095	49	7	16	15	G21	982	VIRGA SE 730 107/	MR
SA	1346	E80 OVC	20			096	50	9	19	11		982	VIRGA ALQDS	MR
SA	1445	E50 OVC	20			101	48	11	19	08		983	CIG RGD SWU SE-S	MR
SA	1549	E40 BKN 900 OVC	20			101	47	19	18	09	G19	983	SWU S VIRGA NE 002	/
													1021 50 RADAT 44063	HS
SA	1647	E40 BKN 900 OVC	20			097	46	23	18	14	G24	982	BINOVC S	HS
SA	1747	E40 BKN	20			101	46	20	19	12	G23	983		HS
SA	1850	E50 BKN 120 BKN	20			101	47	26	15	09		983	500 1570	HS
SA	1948	E50 BKN 120 BKN	20			114	44	24	13	05		987		HS
SA	2049	50 SCT	20			114	42	26	18	04		987		HS
SA	2150	50 SCT	20			115	38	26	33	03		987	110 1500 50	HS
SA	2246	CLR	20			109	37	27	06	04		986	SC ALQDS	HS
SA	2351	CLR	20			113	33	29	12	04		987	SC ALQDS	HS

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

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: [illegible] 14

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.675	40.0	32.0	42	10	3	Ac	100	4	Ac	E160	7	3	Cs	250	10				9	7	065			00-01
01 50	26.665	38.5	32.1	50	10															10					01-02
02 50	26.640	37.5	31.8	55	10															10					02-03
03 46	26.605	36.0	30.8	57	10	10	Ac	E140												10	8	.070			03-04
04 45	26.600	36.8	30.7	51	10															10					04-05
05 45	26.570	35.5	30.9	61	10															10					05-06
06 46	26.560	33.0	29.5	68	10	3	Ac	100	7	Ac	E140	10								10	7	.045			06-07
07 45	26.555	35.9	30.1	52	10															10					07-08
08 45	26.535	38.1	31.6	49	10															10					08-09
09 48	26.525	41.4	32.6	37	10	5	Ac	100	5	As	E180	10								10	7	.035			09-10
10 45	26.495	43.9	33.8	32	10															10					10-11
11 46	26.460	49.5	34.9	16	10															10					11-12
12 47	26.435	49.0	35.0	18	10	9	Ac	E90	1	As	150	10								10	7	.090			12-13
13 46	26.435	49.6	35.6	19	10															10					13-14
14 45	26.445	48.1	35.3	22	10															10					14-15
15 49	26.440	47.0	36.3	33	10	7	Ns	E40	3	As	90	10								10	0	.005			15-16
16 47	26.430	45.9	36.6	40	10															10					16-17
17 47	26.440	46.0	36.0	36	9															9					17-18
18 50	26.440	46.6	37.8	44	8	6	Sc	E50	2	Ac	120	8								8	5	.000			18-19
19 48	26.470	44.2	36.1	45	8															8					19-20
20 49	26.470	42.1	35.4	52	4															4					20-21
21 50	26.470	38.0	33.1	61	1	1	Sc	50												1	1	.030			21-22
22 46	26.460	36.9	32.8	66	0															0					22-23
23 51	26.470	33.0	31.2	84	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	41	35	X	X						X		
	0343	1	0	0	0	43	35		0								
	0945	2	0	0	0	42	32		0								
	1544	3	0	0	0	50	41		0								
	2145	4	0	0	0	50	37		0								
	MID.	X	0	0	0	38	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.605	26.525	26.440	26.470
BAROGRAPH 64	26.595	26.500	26.405	26.435
BAR. CORR. 65	+.010	+.025	+.035	+.035

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
50	32	0	0	0	30	S	1451					10			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 15 1979

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY 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. REPORTER'S INITIALS (15)
SA	0050	50 SCT	20			105	34	29	09	07		984	807 1500	HS
SA	0150	50 SCT 120 SCT	20			105	34	28	15	03		984		HS
SA	0245	50 SCT E120 BKN	20			107	37	28	13	08		986		HS
SA	0349	50 SCT E120 BKN 250 OVC	20			105	36	27	11	06		984	000 1577 32	MR
/													RADAT 74058	/
SA	0446	50 SCT E100 OVC	20			105	37	27	11	06		984		MR
SA	0547	50 SCT E80 OVC	20		R-	102	40	28	09	02		984	RB30	MR
SA	0648	25 SCT E40 OVC	15		R-	104	39	28	13	07		985	30200 152/	MR
SP	0733	E250 OVC	7		R-S-				15	06		986		MR
SA	0746	E25 BKN 40 OVC	7		R-	114	36	30	11	06		986	CIG LWR N SB32 E38	MR
SA	0846	E25 OVC	6		R-S-	122	35	33	10	11		988	CIG RGD SB42	MR
RS	0949	E35 OVC	10		R-	128	35	33	12	10		990	STFRA ALG MTNS ALQDS SE10	MR
/													21513 172/ 32	/
SA	1045	E30 OVC	5		R-	135	36	34	14	07		991	CIG RGD STFRA ALG MTNS	MR
/													ALQDS	/
SA	1146	E30 BKN 60 OVC	10		R-	124	37	35	13	04		987	STFRA ALG MTNS N-E S	MR
SA	1248	E30 BKN 60 OVC	15		R-	115	38	35	11	07		985	STFRA ALG MTNS ALQDS	MR
/													81412 152/	/
SA	1347	25 SCT E50 OVC	15		R-	113	39	35	09	05		985	STFRA ALG MTNS ALQDS	MR
RS	1448	E25 BKN 50 OVC	15		R-	112	40	38	10	04		985	STFRA ALG MTNS ALQDS	MR
RS	1551	7 SCT E25 OVC	10		R-	116	40	38	04	02		987	30314 15 11 40 RADAT 92055	HS
SA	1646	7 SCT E25 OVC	10		R-	120	39	37	10	07		988		HS
SA	1745	7 SCT E25 OVC	10		R-	122	39	37	05	03		989		HS
SA	1852	7 SCT E25 BKN 120 OVC	20			127	39	37	10	04		990	RE05/ 21015 152/	HS
SA	1947	7 SCT E25 OVC	10		R-	136	39	37	09	04		992	RB35	HS
SA	2049	7 SCT E25 OVC	10		R-	145	39	38	04	04		994		HS
SA	2150	7 SCT E25 OVC	10		R-	152	39	37	36	02		997	22020 15 11 40	HS
SA	2247	7 SCT E20 OVC	10		R-	152	39	37	32	02		997		HS
SA	2347	7 SCT E20 OVC	10		R-	151	39	38	34	02		997		HS

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

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dapp} $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 15 1979

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.450	34.0	31.8	81	1	1	Sc	50												1	8	.020			00-01
01 50	26.450	34.1	31.7	79	4															4					01-02
02 45	26.460	36.5	33.1	71	8															8					02-03
03 49	26.450	36.3	32.7	70	10	3	Sc	50	4	Ac	E20	7	3	Cs	250	10				7	0	.000			03-04
04 46	26.450	37.3	33.0	65	10															10					04-05
05 47	26.450	39.6	34.9	64	10															10					05-06
06 48	26.455	38.9	34.3	64	10	2	Sc	25	8	NS	E40	10								10	3	.005			06-07
07 46	26.470	35.9	33.7	78	10															10					07-08
08 46	26.485	34.6	33.7	92	10															10					08-09
09 49	26.500	35.0	34.2	93	10	0	STFRA	3	10	NS	E35	10								10	2	.045			09-10
10 45	26.515	35.9	35.0	92	10															10					10-11
11 46	26.480	36.9	35.9	92	10															10					11-12
12 48	26.460	38.3	36.9	89	10	0	STFRA	7	7	Sc	E30	7	3	NS	60	10				10	8	.040			12-13
13 47	26.453	38.9	37.2	86	10															10					13-14
14 48	26.460	40.0	38.8	91	10															10					14-15
15 51	26.470	40.4	39.3	92	10	3	STFRA	7	7	Sc	E35	10								10	3	.010			15-16
16 45	26.480	38.7	37.7	92	10															10					16-17
17 45	26.490	39.2	38.3	93	10															10					17-18
18 52	26.500	39.3	38.2	91	10	1	STFRA	7	5	Sc	E25	6	4	As	120	10				10	2	.030			18-19
19 47	26.520	39.0	38.1	93	10															10					19-20
20 49	26.540	39.2	38.6	95	10															10					20-21
21 50	26.560	39.3	38.4	93	10	3	STFRA	7	7	Sc	E25	10								10	2	.060			21-22
22 47	26.560	38.8	38.0	94	10															10					22-23
23 47	26.560	39.0	38.3	95	10															10					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		37	32										
	0343	1	0	0	0	38	32		0								
	0943	2	.13	T	0	40	33		2								
	1546	3	.14	0	0	40	34		2								
	2145	4	.20	0	0	40	37		2								
	MID.		.05	0	0	39	38										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0943	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.500	26.470	26.560
BAROGRAPH 64	26.420	26.480	26.450	26.525
BAR. CORR. 65	+.030	+.020	+.020	+.035

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
40	32	.52	T	0	21	S	0513					10			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0530	1805			
S-	0732	0738			
S-	0842	0910			
R-	1935	CONTD			

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:

~~XMETER AS IT FELL~~

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 16 1979

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QUALITY SUPPLEMENTAL INITIALS (15)
SA	0048	7 SCT E20 OVC	10		R-	146	39	37	13	04		996	80306 15//	HS
SA	0145	7 SCT E20 OVC	6		R-F	146	39	38	06	02		996		HS
SA	0245	7 SCT E20 OVC	6		R-F	150	39	38	15	02		997		HS
SA	0349	7 SCT E25 OVC	6		R-F	148	39	38	00	00		996	00809 15// 37 RADAT	MR
/													90051	/
RS	0445	25 SCT E100 OVC	20			148	38	36	10	10		996	RE20 FBANK NE	MR
SA	0545	E35 BKN 100 OVC	20			156	38	36	27	03		998		MR
RS	0648	E30 BKN 50 OVC	20		R-	162	38	36	00	00		999	RB40 STFRA 7HND N-E-S	MR
/													31200 152/	/
SA	0746	E30 BKN 50 OVC	20			171	39	36	09	07		002	RE15 STFRA ALG MTNS N-E	MR
RS	0846	E20 BKN 50 OVC	20			174	40	37	27	03		003	STFRA ALG MTNS N-E	MR
RS	0948	20 SCT E60 OVC	20			170	41	38	13	04		003	STFRA ALG MTNS N-NE	MR
/													01000 15// 34	/
SA	1048	20 SCT E60 OVC	20			170	43	35	10	09		003		MR
SA	1147	20 SCT E50 OVC	20			163	43	35	07	06		001		MR
SA	1247	20 SCT E50 OVC	20			159	43	35	09	09		999	SWU OVR MTNS S 810 15//	MR
SA	1345	20 SCT E50 OVC	10		R-	155	42	37	09	06		998	RB11	MR
SA	1448	25 SCT E60 OVC	20			152	43	38	10	09		997	RE15 BINOVC N	MR
SA	1548	25 SCT E60 OVC	20			150	44	38	10	11		998	60700 18// 44	/
/													RADAT 84057	HS
SA	1645	20 SCT E50 OVC	20			151	43	37	09	11		998		HS
SA	1746	20 SCT E50 OVC	20			150	43	38	09	09		997		HS
SA	1847	20 SCT E50 OVC	20			156	42	36	09	06		999	303 18//	HS
SA	1946	20 SCT E50 OVC	20			153	42	36	09	06		998		HS
SA	2047	20 SCT E50 OVC	20			151	43	36	09	09		998		HS
RS	2150	E20 BKN 50 OVC	20			150	42	36	10	06		998	603 18// 44	HS
SA	2253	E20 BKN 50 OVC	20			148	41	36	05	05		997		HS
SA	2348	E20 BKN 50 OVC	20			135	42	38	09	05		993		HS

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 16 1979

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.550	38.9	38.2	95	10	4	STFRA	7	6	Sc	E20	10								10	8	.010			00-01
01 45	26.550	38.9	38.3	95	10															10					01-02
02 45	26.560	38.8	38.2	95	10															10					02-03
03 47	26.535	38.7	38.1	96	10	2	STFRA	7	8	Sc	E25	10								10	0	.005			03-04
04 45	26.535	37.9	37.0	93	10															9					04-05
05 45	26.575	38.4	37.3	91	10															10					05-06
06 48	26.590	38.0	37.2	93	10	0	STFRA	7	8	Sc	E30	8	2	NS	50	10				10	3	.035			06-07
07 46	26.615	39.0	37.7	89	10															10					07-08
08 46	26.625	39.6	38.3	90	10															10					08-09
09 48	26.620	41.2	39.2	85	10	0	STFRA	7	4	Sc	20	4	8	Sc	E60	10				10	0	.030			09-10
10 48	26.620	42.9	39.4	75	10															10					10-11
11 47	26.600	42.5	39.0	75	10															10					11-12
12 47	26.590	43.2	39.2	71	10	3	Sc	20	7	Sc	E50	10								10	8	.030			12-13
13 45	26.580	42.2	39.7	82	10															10					13-14
14 48	26.570	43.2	40.8	83	10															9					14-15
15 45	26.570	43.9	41.1	80	10	4	Sc	25	6	Cu	E60	10								10	6	.020			15-16
16 45	26.570	43.1	40.3	80	10															10					16-17
17 46	26.565	43.0	40.4	81	10															10					17-18
18 47	26.580	42.2	39.1	77	10	4	Sc	20	6	Cu	E50	10								10	3	.010			18-19
19 46	26.575	42.4	39.3	78	10															10					19-20
20 47	26.570	42.6	39.4	77	10															10					20-21
21 50	26.570	42.0	39.2	79	10	7	Sc	E20	3	Cu	50	10								10	6	.010			21-22
22 50	26.560	41.4	38.8	81	10															10					22-23
23 48	26.530	41.7	40.0	87	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	.04	0	X	39	38	X	X						X		
	0343	1	.09	0	0	39	38		2								
	0944	2	T	0	0	41	37		2								
	1543	3	T	0	0	44	41		2								
	2145	4	0	0	0	44	41		2								
	MID.	X	0	0	0	42	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.535	26.620	26.570	26.570
BAROGRAPH 64	26.535	26.600	26.560	26.550
BAR. CORR. 65	+.020	+.020	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
44	37	.04	0	0	*14	E	1034 *					10			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CONTD	0420			
F	0140	0420			
R-	0640	0715			
R-	1311	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:

* LAST OF SEVERAL OCCURENCES.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 17

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0045	E20 BKN 50 OVC	20			117	42	38	01	04		988	829 1811	HS
SA	0146	E20 BKN 50 OVC	10		R-	112	41	37	03	10		987	RB40	HS
SA	0248	E20 OVC	10		R-	105	40	38	02	08		984		HS
SA	0345	E20 OVC	10		R-	096	40	38	02	06		982	71902 1511 40 20002	RK
/													RADAT 92049	/
SA	0445	E20 OVC	10		R-	089	40	37	02	11		980		RK
SA	0545	E20 OVC	10		R-	086	39	37	01	08		979		RK
SA	0645	E15 OVC	10		R-	086	39	37	01	07		979	61005 1511	RK
SA	0745	E15 OVC	10		R-	094	37	35	02	05		981		RK
SA	0847	E15 OVC	10		R-	102	37	35	36	02		983	MTN TOPS OBSCD ALQDS	RK
SA	0945	15 SCT E20 OVC	10		R-	108	37	35	28	02		985	MTN TOPS OBSCD ALQDS	RK
/													31924 1511 37	/
SA	1045	12 SCT E20 OVC	10		R-	108	38	36	00	00		985	MTN TOPS OBSCD ALQDS	RK
SA	1148	12 SCT E20 OVC	8		R-	098	39	36	25	02		982	MTN TOPS OBSCD ALQDS	RK
SA	1245	10 SCT E20 OVC	8		R-	093	39	37	20	04		981	MTN TOPS OBSCD ALQDS	RK
/													81205 1511	/
SA	1347	10 SCT E20 OVC	8		R-	095	39	38	21	05		981	MTN TOPS OBSCD ALQDS	RK
SP	1428	5 SCT E18 OVC	8		R-				22	09		981		RK
SA	1445	7 SCT E18 OVC	8		R-	094	41	39	24	08		981		RK
SA	1548	5 SCT E15 OVC	7		R-	094	42	39	23	12		981	~~RW AW~~/40007 1711 42	/
/													RADAT 89052	HS
SA	1645	5 SCT E15 OVC	7			097	42	37	20	08		982	RE20	HS
RS	1749	15 SCT E120 OVC	20			098	43	37	22	04		982	BINOVC W	HS
SA	1847	15 SCT E120 BKN	20			103	42	38	16	05		984	30800 1570	HS
SA	1947	15 SCT E120 BKN	20		R-	107	42	37	13	04		984	RB42	HS
SA	2046	20 SCT E120 OVC	20			106	42	38	18	02		984	RE01	HS
SA	2149	30 SCT E120 OVC	20			106	43	37	14	01		984	10200 157/43	HS
SA	2246	70 SCT E120 BKN	20			105	43	37	19	02		984		HS
SA	2347	70 SCT E120 BKN	20			108	40	37	11	06		984		HS

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 17 1979

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.485	42.0	40.0	85	10	6	Sc	E20	4	Cu	50	10								10	8	.085			00-01
01 46	26.470	40.8	38.8	85	10															10					01-02
02 48	26.450	40.4	39.3	92	10															10					02-03
03 45	26.430	40.3	39.1	91	10	10	Sc.	E20												10	7	.055			03-04
04 45	26.410	39.9	38.3	88	10															10					04-05
05 45	26.400	39.2	38.0	91	10															10					05-06
06 45	26.400	38.8	37.7	91	10	10	Sc	E15												10	6	.030			06-07
07 45	26.420	37.2	36.2	92	10															10					07-08
08 47	26.440	37.2	36.1	91	10															10					08-09
09 45	26.455	37.4	36.4	92	10	3	STRA	15	7	Sc	E20	10								10	3	.055			09-10
10 45	26.455	38.0	36.9	91	10															10					10-11
11 48	26.430	38.7	37.4	89	10															10					11-12
12 45	26.420	38.5	37.6	93	10	4	STRA	10	6	Sc	E20	10								10	8	.035			12-13
13 47	26.420	39.3	38.6	94	10															10					13-14
14 45	26.420	41.0	39.9	91	10															10					14-15
15 48	26.420	41.7	40.5	91	10	5	STRA	5	5	Sc	E15	10								10	4	.000			15-16
16 45	26.430	41.9	39.6	83	10															10					16-17
17 49	26.430	43.2	40.4	80	10															9					17-18
18 47	26.445	41.9	39.9	85	9	4	Sc	15	5	Ac	E120	9								9	3	.025			18-19
19 47	26.450	42.2	39.7	82	9															9					19-20
20 46	26.450	42.3	40.0	83	10															10					20-21
21 49	26.450	42.8	40.0	80	10	2	Sc	30	8	Ac	E120	10								10	1	.005			21-22
22 46	26.450	43.0	40.1	79	9															9					22-23
23 47	26.450	39.6	38.4	90	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0.02	0	X	42	40	X	X						X		
	0343	1	0.02	0	0	42	40		2								
	0943	2	0.24	0	0	40	37		2								
	1543	3	.07	0	0	42	37		2								
	2144	4	T	0	0	43	40		2								
	MID.	X	0	0	0	43	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.455	26.420	26.450
BAROGRAPH 64	26.415	26.435	26.420	26.450
BAR. CORR. 65	+015	0*	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND 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
43	37	.33	0	0	16	SW	1604					10			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0140	1620			
R-	1942	2001			

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:

* BAROGRAM CHANGED - RESET TO ZERO

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 18

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (30-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	NO. OF WEATHER INITIALS (15)
SA	0048	70 SCT E120 BKN	20			106	41	37	09	04		984	400 1070	HS
SA	0147	30 SCT E70 BKN 120 OVC	20			105	41	37	11	08		984		HS
SA	0245	30 SCT E70 BKN 120 OVC	20			104	42	38	14	09		984		HS
SA	0345	30 SCT E90 OVC	20			101	41	32	12	08		983	803 157/ 38 20031	RK
/													RADAT 88056	/
SA	0447	30 SCT E90 OVC	20			105	39	35	14	05		984		RK
SA	0545	30 SCT E80 OVC	20			104	41	32	15	06		984		RK
RS	0645	E12 BKN 20 OVC	8		R-	107	40	36	20	04		985	CLDS ~~TPG~~ TOPG MTNS ALQDS	RK
/													RB06 30701 1611	/
SA	0745	E11 BKN 18 OVC	8		R-	111	38	35	12	12		986	CLDS TOPG MTNS ALQDS	RK
/													BRKS SW	/
RS	0845	20 SCT E30 BKN	20			111	38	34	09	08		986	STFRA ALG MTNS SE RE10	RK
SA	0945	15 SCT 20 SCT E30 BKN	20			122	40	36	09	05		989	STFRA ALG MTNS E-SE	RK
/													31405 1600 37	/
SA	1045	15 SCT 20 SCT E30 BKN	20			119	44	32	22	10		989	STFRA ALG MTNS E-SE	RK
SA	1145	20 SCT E30 BKN	20			114	44	28	23	14	G24	987	CU ALQDS	RK
SA	1245	18 SCT E30 BKN 250 BKN	20			112	45	28	21	10		987	TCU N 607 1802	RK
SA	1345	18 SCT E30 BKN 250 BKN	20			112	44	30	23	10		987	TCU N	RK
SA	1445	18 SCT E30 BKN 250 BKN	20			115	45	29	22	11		988	TCU NW-SE	RK
SA	1549	E30 BKN	20			123	42	34	28	08		990	308 1800 46 RADAT 73049	GH
SA	1652	E30 BKN	20			138	40	33	27	06		993	SWU NW	GH
SA	1750	E30 OVC	20			145	39	33	29	08		995	BINOVC	GH
RS	1848	E20 OVC	10		RW-	154	38	34	29	02		997	RB40 / 224 1211	GH
SA	1946	E20 OVC	10			164	37	34	23	02		999	RE10	GH
RS	2048	20 SCT	20			169	36	33	00	00		001		GH
SA	2147	CLR	20			172	34	31	02	03		002	11401 1200 46	GH
SA	2245	CLR	20			174	34	30	03	03		003	FEW SC SE	GH
SA	2346	CLR	20			175	31	29	14	02		003	FEW SC SE	GH

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 1 8 1979

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.450	41.0	39.1	85	9	4	Ac	70	5	Ac	E120	9								9	4	.000			00-01
01 47	26.450	41.1	39.0	84	10															10					01-02
02 45	26.450	42.1	40.0	85	10															10					02-03
03 45	26.440	41.2	37.2	70	10	4	Sc	30	6	Ac	E90	10								10	8	010			03-04
04 47	26.450	39.0	37.0	84	10															10					04-05
05 45	26.450	41.4	37.2	69	10															10					05-06
06 45	26.465	39.9	38.1	87	10	7	STRA	E12	3	Sc	20	10								10	3	015			06-07
07 45	26.465	38.3	36.9	88	10															10					07-08
08 45	26.465	37.8	36.2	87	9															9					08-09
09 45	26.495	39.5	37.7	86	9	2	STRA	15	3	STRA	20	5	4	Sc	E30	9				9	3	040			09-10
10 45	26.495	43.6	38.3	63	8															8					10-11
11 45	26.475	44.4	37.2	51	8															8					11-12
12 45	26.475	44.8	37.7	52	8	3	Sc	18	3	Cu	E30	6	2	Ci	250	8				8	6	020			12-13
13 45	26.475	44.1	37.9	57	8															8					13-14
14 45	26.485	44.6	37.8	54	8															8					14-15
15 49	26.500	41.6	38.0	73	6	0	Sc	18	6	Cu	E30	6								6	3	.025			15-16
16 52	26.530	39.5	36.5	77	6															6					16-17
17 50	26.550	38.8	36.2	79	10															9					17-18
18 48	26.570	38.0	36.0	84	10	10	Cu	E20												10	2	.020			18-19
19 46	26.590	36.8	35.4	88	10															10					19-20
20 48	26.600	35.5	34.5	91	2															2					20-21
21 47	26.610	34.0	32.8	89	0	0	Cu	20												0	1	.040			21-22
22 45	26.620	33.7	32.0	85	0															0					22-23
23 46	26.620	31.0	30.2	91	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	42	38	X	X						X		
	0341	1	0	0	0	43	38		2								
	0942	2	0.05	0	0	42	37		2								
	1545	3	0	0	0	46	39		1								
	2145	4	.01	0	0	42	33		1								
	MID.	X	0	0	0	34	30	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.495	26.500	26.610
BAROGRAPH 64	26.440	26.505	26.520	26.610
BAR. CORR. 65	0	-010	-020	+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
46	30	-06	0	0	24	SW	1140*					8			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0606	0810			
RW-	1840	1910			

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:

* LAST OF SEVERAL OCCURANCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 19

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0047	CLR	20			175	36	29	31	04		004	307 1500	GH
SA	0145	CLR	20			179	35	28	36	06		005	FEW SC SE	GH
SA	0251	CLR	20			184	32	27	01	06		006	FEW SC AND AC	GH
SA	0345	CLR	20			188	33	28	05	06		007	108 1070 30 20006	RK
/													RADAT 57046	/
SA	0445	CLR	20			190	32	24	04	05		007		RK
SA	0545	CLR	20			197	33	22	03	06		009		RK
SA	0645	CLR	20			205	31	22	34	07		011	312 1100	RK
SA	0745	CLR	20			212	33	20	30	07		013		RK
SA	0845	CLR	20			218	37	19	03	06		015		RK
SA	0945	CLR	20			225	40	20	04	08		017	120 30	RK
SA	1045	CLR	20			225	41	19	04	07		017		RK
SA	1145	CLR	20			222	42	19	35	07		016		RK
SA	1245	CLR	20			210	44	21	36	08		014	810 1100	RK
SA	1345	CLR	20			212	46	19	36	04		015		RK
SA	1445	CLR	20			215	47	18	02	08		015		RK
SA	1548	CLR	20			215	46	20	02	11		015	103 47 RADAT 51056	GH
SA	1646	CLR	20			227	44	23	04	06		018	FEW CI	GH
SA	1745	CLR	20			236	42	22	06	06		021		GH
SA	1845	CLR	20			244	42	19	04	10		023	224	GH
SA	1945	CLR	20			256	38	22	02	07		026		GH
SA	2045	CLR	20			256	38	22	03	08		026		GH
SA	2150	CLR	20			253	37	23	03	10		026	110 47	GH
SA	2248	CLR	20			258	40	22	02	12		028		GH
SA	2346	CLR	20			260	37	23	24	04		028		GH

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

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

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 19

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.630	35.5	32.8	77	0	0	SC	50												0	3	.020			00-01
01 45	26.640	35.0	32.3	76	0															0					01-02
02 51	26.650	32.0	30.0	81	0															0					02-03
03 45	26.655	33.0	29.6	69	0	0	Ac	120												0	1	025			03-04
04 45	26.655	31.9	29.0	72	0															0					04-05
05 45	26.675	33.2	29.1	62	0															0					05-06
06 45	26.690	31.1	27.9	68	0	0	Cu	40												0	3	035			06-07
07 45	26.710	33.3	28.8	59	0															0					07-08
08 45	26.730	37.1	30.6	48	0															0					08-09
09 45	26.750	39.5	32.4	46	0															0	1	060			09-10
10 45	26.750	41.1	32.8	40	0															0					10-11
11 45	26.740	42.3	33.5	38	0															0					11-12
12 45	26.720	43.8	35.0	40	0	0	Cu	35												0	8	030			12-13
13 48	26.730	45.6	35.4	34	0															0					13-14
14 45	26.730	46.9	36.0	32	0															0					14-15
15 48	26.730	46.2	36.0	35	0															0	1	.010			15-16
16 46	26.760	44.0	35.5	43	0															0					16-17
17 45	26.780	41.8	34.0	44	0															0					17-18
18 45	26.800	42.0	33.4	39	0															0	2	.070			18-19
19 45	26.830	38.3	32.0	51	0															0					19-20
20 45	26.830	38.0	32.0	53	0															0					20-21
21 50	26.830	37.4	32.0	57	0															0	1	.030			21-22
22 48	26.850	40.0	33.0	48	0															0					22-23
23 46	26.850	36.8	31.5	57	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	36	31	X	X						X		
	0342	1	0	0	0	36	30		1								
	0942	2	0	0	0	40	30		1								
	1545	3	0	0	0	47	39		1								
	2145	4	0	0	0	46	36		1								
	MID.	X	0	0	0	40	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1548	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.655	26.750	26.730	26.830
BAROGRAPH 64	26.660	26.760	26.740	26.840
BAR. CORR. 65	-005	-010	-010	-010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
47	30	0	0	0	17	N	2232					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
1-77

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 [illegible] 2 0

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVERS INITIALS (15)
SA	0045	CLR	20			257	40	21	03	08		028	107	GH
SA	0145	CLR	20			262	37	24	23	05		029		GH
SA	0250	CLR	20			263	35	22	13	04		029		GH
SA	0345	CLR	20			265	38	22	04	09		031	307 35 RADAT 492 068 077 095	RK
SA	0446	CLR	20			266	37	22	03	14		031		RK
SA	0545	CLR	20			275	36	23	12	07		032		RK
SA	0647	CLR	20			281	36	21	04	04		033	210 1001	RK
SA	0745	250 -SCT	20			282	36	23	04	09		033		RK
SA	0847	250 -SCT	20			280	39	22	36	11		033		RK
SA	0945	250 -SCT	20			281	41	23	36	14		033	400 1001 34	RK
SA	1045	250 -BKN	20			281	44	22	36	12		035		RK
SA	1145	250 -BKN	20			270	47	23	36	10		032		RK
SA	1245	250 -OVC	20			253	48	22	03	07		028	819 1007	RK
SA	1345	250 -OVC	20			240	49	23	12	11		024		RK
SA	1445	250 -OVC	20			237	50	23	12	11		023		RK
SA	1549	250 -OVC	20			232	49	23	03	07		022	719 1007 50	GH
/													RADAT 20098	/
SA	1645	250 -OVC	20			234	45	26	05	05		022		GH
SA	1750	250 -OVC	20			242	42	29	12	04		023		GH
SA	1845	E250 OVC	20			238	41	26	01	11		022	000 1007	GH
SA	1955	E250 OVC	20			244	39	29	01	10		023		GH
SA	2045	E250 BKN	20			242	39	25	01	08		023		GH
SA	2151	250 SCT	20			237	39	25	01	12		022	000 1008 50	GH
SA	2254	250 SCT	20			236	38	24	02	08		022		GH
SA	2348	E250 BKN	20			226	39	24	01	11		019		GH

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

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

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 [illegible] 20

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.850	39.5	32.5	47	0															0	1	.020			00-01
01 45	26.860	36.6	31.8	61	0															0					01-02
02 50	26.860	34.0	30.2	60	0															0					02-03
03 45	26.870	37.8	31.7	52	0															0	3	.020			03-04
04 46	26.870	38.6	31.0	54	0															0					04-05
05 45	26.855	35.6	30.7	59	0															0					05-06
06 47	26.900	36.0	30.6	55	0	0	Cu	300												0	2	.030			06-07
07 45	26.900	36.2	31.1	58	3															0					07-08
08 47	26.900	38.8	32.4	50	3															0					08-09
09 45	26.900	40.6	33.8	50	3	3	Cu	250												0	4	.000			09-10
10 45	26.910	44.0	35.3	41	6															1					10-11
11 45	26.880	46.7	37.1	39	8															1					11-12
12 45	26.845	48.2	37.7	36	10	10	Cs	250												1	8	.055			12-13
13 45	26.810	49.1	38.3	35	10															1					13-14
14 45	26.800	50.1	39.0	35	10															1					14-15
15 49	26.790	49.0	38.4	36	10	10	Cs	250												3	7	.055			15-16
16 45	26.790	45.2	37.0	46	10															4					16-17
17 50	26.800	41.6	36.1	60	10															4					17-18
18 45	26.790	41.0	35.0	56	10	10	Cs	E250												6	0	.000			18-19
19 55	26.800	39.0	34.6	64	10															8					19-20
20 45	26.800	38.8	33.2	56	6															5					20-21
21 51	26.790	38.5	33.0	57	4	4	Cs	250												3	0	.000			21-22
22 54	26.790	37.7	32.5	58	3															2					22-23
23 48	26.770	38.6	32.8	55	7															4					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	41	35	X	X						X		
	0342	1	0	0	0	41	35		1								
	0942	2	0	0	0	41	34		1								
	1545	3	0	0	0	50	40		0								
	2145	4	0	0	0	49	37		0								
	MID.	X	0	0	0	39	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1545	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.870	26.900	26.790	26.790
BAROGRAPH 64	26.880	26.910	26.820	26.810
BAR. CORR. 65	-.010	-.010	-.030	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
50	34	0	0	0	22	NE	1153					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 [illegible] 21

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	E250 OVC	20			221	38	22	01	10		018	810 1007	GH
SA	0148	E250 OVC	20			213	38	23	01	08		016		GH
SA	0250	E250 OVC	20			209	37	23	02	10		015		GH
SA	0354	E200 OVC	20			202	37	23	02	04		013	717 1007 36 RADAT 23096	[illegible]
SA	0451	E200 OVC	20			200	35	25	35	02		012		[illegible]
SA	0546	E200 OVC	20			196	36	25	01	06		010		[illegible]
SA	0648	140 SCT E200 OVC	20			196	36	24	04	02		010	610 1027	[illegible]
SA	0747	140 SCT E200 OVC	20			199	35	26	35	03		010		[illegible]
SA	0847	140 SCT E200 OVC	20			193	39	27	21	02		009		[illegible]
SA	0950	E140 BKN 200 OVC	20			190	41	24	32	02		009	603 1027 33	[illegible]
SA	1051	E140 OVC	20			178	44	26	10	08		005		[illegible]
SA	1150	E140 OVC	20			162	44	27	09	08		001		[illegible]
SA	1248	E140 OVC	20			155	45	25	33	02		999	630 1021	[illegible]
SA	1346	E140 OVC	20			147	45	27	09	05		997		[illegible]
SA	1452	E140 OVC	20			140	45	25	11	08		994		[illegible]
SA	1551	E140 OVC	20			132	45	23	09	03		992	720 1021 46 RADAT 25090	[illegible]
SA	1648	E140 OVC	20			125	44	23	09	06		990		JK
SA	1745	E140 OVC	20			125	43	23	12	07		990		JK
SA	1848	E140 OVC	20			127	41	26	00	00		990	607 1021	JK
SA	1950	E140 BKN 250 BKN	20			129	38	29	31	01		996		JK
SA	2052	250-SCT	20			124	36	29	00	00		988		JK
SA	2151	CLR	20			119	35	27	02	02		987	808 1001 46	JK
SA	2250	CLR	20			114	33	27	12	02		986		JK
SA	2345	CLR	20			113	31	27	09	02		985		JK

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 [illegible] 21

To convert LST ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39
00 45	26.760	38.4	32.2	52	10	10	CS	E250												7	8	.030	
01 47	26.740	37.8	32.0	54	10															8			
02 50	26.730	37.3	31.8	56	10															8			
03 54	26.710	36.9	31.6	57	10	10	CS	E200												7	7	.050	
04 51	26.700	35.3	31.3	66	10															7			
05 46	26.680	36.0	31.6	63	10															7			
06 48	26.680	36.1	31.5	62	10	3	AS	140	10	CS	E200	10								10	6	.030	
07 47	26.680	35.0	31.3	68	10															10			
08 47	26.670	39.3	34.2	61	10															8			
09 50	26.670	41.0	34.3	50	10	7	AS	E140	10	CS	200	10								9	6	.010	
10 51	26.640	43.8	36.3	48	10															8			
11 50	26.600	44.1	36.7	50	10															10			
12 48	26.580	44.7	36.7	46	10	10	AS	E140												10	6	.090	
13 46	26.560	45.2	37.5	49	10															10			
14 52	26.540	45.1	36.7	44	10															10			
15 51	26.520	44.9	36.0	41	10	10	AS	E140												10	7	.060	
16 48	26.500	43.8	35.5	43	10															10			
17 45	26.500	43.0	35.0	44	10															10			
18 48	26.500	41.2	35.0	55	10	10	AS	E140												10	6	.020	
19 50	26.500	38.8	34.8	69	8															6			
20 52	26.490	36.2	33.1	74	4															1			
21 51	26.475	35.1	31.8	72	0	0	CI	250												0	8	.025	
22 50	26.465	32.5	30.4	80	0															0			
23 45	26.460	31.0	29.5	85	0															0			

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		39	36										
	0350	1	0	0	0	39	36		0								
	0946	2	0	0	0	41	33		0								
	1547	3	0	0	0	46	41		0								
	2149	4	0	0	0	45	34		0								
	MID.		0	0	0	35	30										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1537	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.670	26.520	26.475
BAROGRAPH 64	26.720	26.670	26.525	26.475
BAR. CORR. 65	-.010	I.0 *	-.005	I.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
46	30	0	0	0	13	N	0011					10			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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:

* BAROGRAPH CHANGED RESET TO I.0 COR.

MF1-10B

☆ U. S. GPO:1977-0-765-005/1131

MF1-10A
1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT DOCK, NV

DATE: 1979 [illegible] 22

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	NAME OF OBSERVER (15)
SA	0046	CLR	20			107	31	26	10	01		984	710	JK
SA	0148	CLR	20			102	33	25	34	02		983		JK
SA	0250	CLR	20			097	31	25	21	02		981		JK
SA	0347	CLR	20			102	30	24	00	00		982	505 29 RADAT 76L035071	JK
SA	0446	CLR	20			099	29	24	04	03		981		JK
SA	0551	CLR	20			107	28	23	09	02		983		JK
SA	0649	CLR	20			114	32	24	26	02		986	310	JK
SA	0752	CLR	20			121	36	26	01	02		988		JK
SA	0852	CLR	20			132	40	31	00	00		991		JK
SA	0947	CLR	20			143	43	26	20	02		994	227 1100 26	JK
SA	1047	CLR	20			150	45	26	02	02		996		JK
SA	1157	CLR	20			144	46	27	02	08		994		JK
SA	1250	CLR	20			137	48	22	01	07		993	803 1100	JK
SA	1347	CLR	20			140	49	22	36	10	G17	994		JK
SA	1452	CLR	20			140	49	23	35	10		994		JK
SA	1548	CLR	20			148	48	20	36	10		996	308 1101 50 RADAT 51061	JK
SA	1647	250 - BKN	20			153	45	18	36	12		996		JK
SA	1745	250 - SCT	20			158	42	20	01	09		997		JK
SA	1845	CLR	20			164	42	16	02	07		999	312 100 1	JK
SA	1946	CLR	20			176	38	13	01	05		003		JK
SA	2048	CLR	20			174	36	10	01	10		003		JK
SA	2145	CLR	20			179	35	12	04	07		005	215 50	JK
SA	2245	CLR	20			181	34	11	02	06		006		JK
SA	2346	CLR	20			179	34	10	36	10		006		JK

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible] INTERNT FOOK MT

DATE: [illegible]

To convert LST to GMT ADD 7 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	26.445	31.4	29.4	80	0															0	7	.030			00-01
01 48	26.435	33.0	30.1	72	0															0					01-02
02 50	26.420	30.9	28.9	79	0															0					02-03
03 47	26.430	30.0	28.0	79	0															0	5	.015			03-04
04 46	26.420	28.9	27.3	81	0															0					04-05
05 51	26.440	27.9	26.4	82	0															0					05-06
06 49	26.460	31.7	28.9	72	0															0	3	.030			06-07
07 52	26.480	36.2	32.2	66	0															0					07-08
08 52	26.510	40.1	36.0	68	0															0					08-09
09 47	26.540	42.8	35.8	51	0	0	CU	60												0	2	.080			09-10
10 47	26.560	45.2	37.1	46	0															0					10-11
11 57	26.540	46.4	38.0	46	0															0					11-12
12 50	26.530	47.7	37.3	36	0	0	CU	70												0	8	.010			12-13
13 47	26.540	48.4	38.0	35	0															0					13-14
14 52	26.540	48.7	38.0	35	0															0					14-15
15 48	26.555	48.0	37.0	33	0	0	CU	70	0	CI	250	0								0	3	.025			15-16
16 47	26.560	45.2	35.1	34	6															1					16-17
17 45	26.570	42.1	33.7	41	4															0					17-18
18 45	26.590	41.8	32.6	35	0	0	CI	250												0	3	.035			18-19
19 46	26.620	38.1	29.7	35	0															0					19-20
20 48	26.620	36.2	28.0	33	0															0					20-21
21 45	26.635	35.0	27.7	38	0															0	2	.045			21-22
22 45	26.645	34.1	27.1	38	0															0					22-23
23 46	26.645	34.1	26.9	37	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	33	29	X	X						X		
	0343	1	0	0	0	35	29		0								
	0943	2	0	0	0	43	26		0								
	1545	3	0	0	0	50	43		0								
	2143	4	0	0	0	48	34		0								
	MID.	X	0	0	0	35	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.540	26.555	26.635
BAROGRAPH 64	26.420	26.525	26.550	26.625
BAR. CORR. 65	+.010	+.015	+.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
50	26	0	0	0	18	N	1558					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION [illegible]

DATE 1979 JAN 2 3

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CO-SIGNED INITIALS (15)
SA	0047	CLR	20			178	34	7	01	10		005	002	JK
SA	0151	CLR	20			178	33	5	02	10		005		JK
SA	0250	CLR	20			179	32	7	02	09		006		JK
SA	0350	CLR	20			182	32	6	02	10		006	303 30 RADAT 31045	[illegible]
SA	0448	CLR	20			185	32	4	01	10		006		[illegible]
SA	0546	CLR	20			191	30	10	04	04		007		[illegible]
SA	0646	CLR	20			191	30	5	01	07		007	103 1001	[illegible]
SA	0746	CLR	20			193	32	6	36	10		007		[illegible]
SA	0847	CLR	20			197	34	5	01	08		008		[illegible]
SA	0950	CLR	20			200	37	13	36	08		010	307 1001 29	[illegible]
SA	1049	CLR	20			190	42	14	36	05		007		[illegible]
SA	1150	CLR	20			177	44	13	03	04		004		[illegible]
SA	1250	CLR	20			164	46	11	02	05		001	727 1005	[illegible]
SA	1346	CLR	20			153	47	9	09	12		997		[illegible]
SA	1451	CLR	20			153	47	0	10	10		997		[illegible]
SA	1548	CLR	20			152	47	3	11	10		997	612 1001 47 RADAT 22060	JK
SA	1649	250 SCT	20			153	43	5	10	04		997		JK
SA	1747	250- BKN	20			162	38	15	09	05		998	~~002 1001~~	JK
SA	1846	250- SCT	20			161	38	11	09	08		997	002 1001	JK
SA	1951	CLR	20			156	38	8	02	06		997		JK
SA	2045	CLR	20			158	34	18	36	05		997		JK
SA	2146	CLR	20			158	33	17	03	04		997	602 1001 47	JK
SA	2245	CLR	20			151	32	19	35	02		996		JK
SA	2345	CLR	20			142	34	14	36	01		994		JK

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

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

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION [illegible]

DATE 1979 JAN 23

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.640	33.8	26.1	32	0															0	0	.005			00-01
01 51	26.640	32.6	25.1	31	0															0					01-02
02 50	26.645	32.0	25.0	35	0															0					02-03
03 50	26.650	31.7	24.7	34	0															0	3	.010			03-04
04 48	26.650	32.0	24.5	30	0															0					04-05
05 46	26.660	30.2	24.4	42	0															0					05-06
06 46	26.660	29.9	23.3	34	0	0	Ci	300												0	1	.010			06-07
07 46	26.660	31.6	24.6	34	0															0					07-08
08 47	26.670	33.6	25.7	30	0															0					08-09
09 50	26.680	36.9	29.0	37	0	0	Ci	300												0	3	.020			09-10
10 49	26.660	41.8	31.9	31	0															0					10-11
11 50	26.630	43.7	33.0	28	0															0					11-12
12 50	26.600	45.7	33.8	24	0	0	Ci	300												0	7	.080			12-13
13 46	26.570	46.6	34.0	22	0															0					13-14
14 51	26.570	46.8	32.8	14	0															0					14-15
15 48	26.565	46.5	33.0	16	0	0	Ci	300												0	6	.035			15-16
16 49	26.565	43.1	31.1	26	1															1					16-17
17 47	26.575	38.0	30.1	39	6															1					17-18
18 46	26.570	37.8	29.2	32	1	1	Ci	250												0	0	.005			18-19
19 51	26.565	38.0	28.8	28	0															0					19-20
20 45	26.565	34.0	28.6	52	0															0					20-21
21 46	26.565	33.2	27.9	52	0	0	Ci	250												0	1	.005			21-22
22 45	26.555	32.1	27.8	59	0															0					22-23
23 45	26.540	33.9	27.6	43	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	34	30	X	X						X		
	0346	1	0	0	0	35	30		0								
	0746	2	0	0	0	37	29		0								
	1546	3	0	0	0	47	37		0								
	2144	4	0	0	0	47	33		0								
	MID.	X	0	0	0	34	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0750	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.680	26.565	26.565
BAROGRAPH 64	26.650	26.675	26.565	26.555
BAR. CORR. 65	±.0	+.005	±.0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	29	0	0	0	17	N	0358					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 2 4

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SIGNERS INITIALS (15)
SA	0049	CLR	20			130	32	14	01	05		991	719 1001	JK
SA	0151	250 - SCT	20			130	32	16	00	00		991		JK
SA	0250	250 SCT	20			127	31	17	04	02		990		JK
SA	0350	E 220 OVC	20			114	34	10	01	03		986	714 1007 30 RADAT 55L034053	JD
SA	0447	E 220 OVC	20			113	33	14	12	02		985		JD
SA	0547	E 220 OVC	20			118	32	18	01	02		986		JD
SA	0647	E 210 OVC	20			114	33	16	04	03		985	705 1007	JD
SA	0747	80 SCT E 210 OVC	20			114	33	15	10	02		985		JD
SA	0847	120 SCT E 200 OVC	20			116	34	16	28	02		985		JD
SA	0950	E 120 BKN 200 OVC	20			113	37	15	12	09		984	802 1057 30	JD
SA	1046	E 120 BKN 200 OVC	20			105	39	13	04	06		982	SWU OMTNS SE	JD
SA	1148	E 120 OVC	20			086	39	13	09	07		977		JD
SA	1249	E 120 BKN 250 OVC	20			069	42	13	11	10		972	737 1131	JD
SA	1346	120 SCT 250 OVC	20			054	44	8	12	10		964		JD
SA	1455	90 SCT E 120 BKN 250 OVC	20			050	43	13	12	11		967		JD
SA	1553	E 120 BKN 160 BKN 250 BKN	20			043	43	15	10	12		965	722 1172 44 RADAT 40057	DS
SA	1649	E 120 BKN 160 BKN 250 BKN	20			040	40	13	11	12		964		DS
SA	1748	E 100 BKN 160 BKN 250 OVC	20			038	38	15	11	09		963	BINOVC DSNT W	DS
SA	1847	E 100 BKN 140 BKN 250 BKN	20			036	36	18	09	11		962	710 1578	DS
SA	1946	E 100 BKN 250 BKN	20			032	36	17	11	10		961		DS
SA	2049	100 SCT E 250 BKN	20			029	36	17	12	05		960		DS
~~SA~~	~~2148~~	~~50 SCT E 100 BKN 250 OVC~~	~~20~~			~~019~~	~~36~~	~~145~~	~~11~~	~~09~~		~~958~~	~~712 1571 44~~	~~DS~~
SA	2148	50 SCT E 100 BKN 250 OVC	20			019	36	15	11	09		958	712 1571 44	DS
SA	2246	50 SCT E 100 OVC	20			019	36	16	10	07		958		DS
SA	2348	50 SCT E 100 OVC	20			011	36	21	11	06		956		DS

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 [illegible]

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.510	31.5	26.2	47	0	0	Ci	250												0	7	.055			00-01
01 51	26.510	31.8	26.7	51	2															0					01-02
02 50	26.500	30.6	26.4	58	4															3					02-03
03 50	26.470	33.9	26.8	37	10	10	Cs	E220												10	7	.040			03-04
04 47	26.460	32.8	27.0	47	10															10					04-05
05 47	26.465	32.2	27.6	56	10															10					05-06
06 47	26.455	33.0	27.4	49	10	10	Cs	E210												10	7	.015			06-07
07 47	26.455	33.1	27.2	46	10															10					07-08
08 47	26.455	34.1	28.1	47	10															10					08-09
09 50	26.450	37.2	29.7	40	10	8	Ac	E120	2	Cs	200	10								10	8	.005			09-10
10 46	26.430	38.5	30.0	35	10															10					10-11
11 48	26.385	38.6	30.1	35	10															10					11-12
12 49	26.340	42.2	32.0	30	10	0	Cu	80	8	Ac	E120	8	2	Ci	250	10				8	7	.110			12-13
13 46	26.305	43.8	32.2	23	10															2					13-14
14 55	26.290	42.7	32.4	29	10															6					14-15
15 53	26.275	42.7	32.9	32	9	0	Cu	80	6	Ac	E120	6	2	Ac	160	8	1	Ci	250	9	7	.065			15-16
16 49	26.265	40.0	30.8	33	9															9					16-17
17 48	26.255	38.0	30.2	39	10															9					17-18
18 47	26.245	36.3	29.0	40	8	0	Sc	50	6	Ac	E100	6	1	Ac	140	7	1	Cs	250	8	7	.030			18-19
19 46	26.235	36.0	29.5	46	8															8					19-20
20 49	26.230	35.6	29.1	45	6															6					20-21
21 48	26.210	36.1	29.1	42	10	3	Sc	50	4	Ac	E120	7	3	Ci	250	10				8	7	.035			21-22
22 46	26.210	35.5	29.0	45	10															10					22-23
23 48	26.190	35.5	30.1	54	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	35	30	X	X						X		
	0345	1	0	0	0	35	30		0								
	0946	2	0	0	0	37	31		0								
	1548	3	0	0	0	44	37		0								
	2144	4	0	0	0	43	35		0								
	MID.	X	0	0	0	37	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1553	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.450	26.275	26.210
BAROGRAPH 64	26.470	26.450	26.275	26.205
BAR. CORR. 65	0	0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
44	30	0	0	0	18	E	1503					10			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: 0540, DESERT ROCK, NV

DATE: JAN 25

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SUPPLEMENTARY DATA (14)
SA	0049	50 SCT E100 OVC	20			001	36	18	10	05		953	714 157/	DS
SA	0148	50 SCT E 100 OVC	20			990	35	17	10	05		951		DS
SA	0249	50 SCT E 100 OVC	20			986	35	16	10	09		949		DS
SA	0348	50 SCT 100 SCT	20			984	33	17	05	04		948	717 1570 32 RADAT 47049	JD
SA	0446	50 SCT 100 -BKN	20			984	32	15	08	04		948		JD
SA	0550	E100 BKN	20			984	31	16	13	04		947		JD
SA	0652	E60 OVC	20			988	32	18	27	02		948	MTN TOPS OBSD SE	JD
													500 15//	
SA	0746	E60 OVC	20			995	33	18	09	04		950	BINOVC E~~S~~SE W MTN	
													TOPS OBSD SE	JD
SA	0848	60 SCT 100 SCT	20			995	36	18	18	02		951		JD
SA	0947	E60 BKN 100 BKN	20			994	38	20	14	03		951	108 1570 30	JD
SA	1047	E~~60~~ BKN 100 OVC	20		SG-	994	39	21	19	02		951	BINOVC E SLB38	JD
SA	1147	30 SCT E40 BKN 50 OVC	10		SG-	995	36	28	32	03		951	VSBY NE1½ SW2	JD
SP	1203	W3X	1		SW-				22	07		951		JD
SA	1252	W3X	1		SW-	994	34	33	27	06		950	80204 1	JD
SP	1318	E15OVC	1		SW-				20	05		951		JD
RS	1347	E15 OVC	5		SW-	995	34	32	19	05		950		JD
SP	1420	W5X	1		SW-				18	09		951		JD
SP	1426	W3X	½		SW				18	07		951		JD
SP	1440	W5X	1		SW-				19	07		952		JD
SA	1454	W5X	1		SW-	003	33	32	20	06		952		JD
SA	1549	W5X	1		SW-	011	34	33	21	05		954	351206 17// 40 20006	DS
													RADAT 90038	
RS	1649	E8 BKN20 OVC	1		SW-	016	33	32	21	04		955	HIR CLDS VSB W	DS
RS	1749	E15 BKN 25 OVC	10			025	34	33	20	08		958	SE38	DS
SA	1849	E15 BKN 25 OVC	10			028	34	27	27	08		959	21500 15//	DS
RS	1948	15 SCT E30 OVC	15			032	33	24	26	08		960	OCNL BINOVC	DS
SA	2047	15 SCT E30 OVC	15			040	34	23	23	04		963	BINOVC	DS
SA	2149	15 SCT E30 OVC	15			052	33	26	16	07		968	22500 15// 40	DS
SA	2247	15 SCT E30 OVC	20			062	33	29	19	04		970	THN SPOTS 10VC HIR CLDS VSB	DS
SA	2349	15 SCT E30 BKN 50 OVC	20			072	33	24	30	05		972	BINOVC OVHD	DS

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

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

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION

DATE 25

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.170	35.7	29.5	47	10	5	Sc	50	5	Ac	E100	10								10	7	.040			00-01
01 48	26.145	35.2	28.9	46	10															10					01-02
02 49	26.130	34.8	28.4	45	10															10					02-03
03 48	26.120	33.4	28.0	51	3	3	Sc	50	0	Ac	100	3								3	7	.050			03-04
04 46	26.115	32.4	26.9	49	6															3					04-05
05 50	26.110	31.0	26.3	54	8															5					05-06
06 52	26.120	31.7	27.3	57	10	10	Sc	E60												10	5	.000			06-07
07 46	26.140	32.7	27.7	54	10															10					07-08
08 48	26.145	36.1	29.7	47	2															2					08-09
09 47	26.145	38.2	31.4	47	7	7	Sc	E60	0	Ac	100	7								6	1	.025			09-10
10 47	26.145	38.6	31.8	48	10															10					10-11
11 47	26.145	35.8	32.6	73	10															10					11-12
12 52	26.140	34.4	33.7	94	10	10	S	W3												10	8	.005			12-13
13 47	26.140	34.0	33.1	93	10															10					13-14
14 54	26.160	32.7	32.2	95	10															10					14-15
15 49	26.175	33.8	33.3	95	10	10	S	W5												10	5	.035			15-16
16 49	26.185	33.2	32.9	97	10															10					16-17
17 49	26.210	33.7	33.2	96	10															10					17-18
18 49	26.220	33.8	31.0	75	10	7	STRAT	E15	3	Sc	25	10								10	2	.045			18-19
19 48	26.230	33.4	30.0	69	10															9					19-20
20 47	26.260	33.5	29.8	66	10															9					20-21
21 49	26.295	32.7	30.1	75	10	3	STRAT	15	7	Sc	E30	10								10	2	.075			21-22
22 47	26.320	33.0	31.3	84	10															9					22-23
23 49	26.340	33.4	28.8	67	10															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		36	32										
	0344	1	0	0	0	37	32		0								
	0944	2	0	0	0	40	30		0								
	1544	3	.06	*T	T0	39	31		2								
	2144	4	T	**T	T0	34	32		1								
	MID.		0	0	0	34	31										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.120	26.145	26.175	26.295
BAROGRAPH 64	26.110	26.125	26.165	26.290
BAR. CORR. 65	+.010	+.020	+.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
40	30	.06	*T	0	11	S	1745					+0			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SG-	1038	1203			
SW-	1203	1426			
SW	1426	1440			
SW-	1440	1738			

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:

* Barograph changed 0950P 0 Corr.

** T - MELTED AS IT FELL

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
1-77

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NV
DATE: 1979 ... 26
TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	INITIALS OF OBSERVER (15)
SA	0048	E30 BKN 50 OVC	20			083	33	21	26	08		975	224 1511	DS
SA	0148	E 30 BKN 50 OVC	20			091	32	21	29	05		977		DS
RS	0252	CLR	20			101	30	23	30	02		980	FEW SCT CLDS	DS
SA	0352	150 SCT	20			110	32	17	36	04		983	224. 1070 30 20006	/
	/												RADAT 47H035036	JD
SA	0449	150 SCT	20			121	31	15	35	06		985		JD
SA	0548	CLR	20			134	29	15	36	10		988		JD
SA	0648	CLR	20			149	28	14	35	08		993	232 1041	JD
SA	0749	CLR	20			160	29	19	01	04		996		JD
SA	0847	CLR	20			170	31	14	01	09		999		JD
SA	0947	CLR	20			185	33	17	03	06		004	234. 1100 27	JD
SA	1047	CLR	20			185	35	16	03	05		005		JD
SA	1149	CLR	20			176	37	18	34	05		003		JD
SA	1251	CLR	20			173	40	17	32	08		002	807. 1100.	JD
SA	1349	CLR	20			178	40	19	32	04		004		JD
SA	1451	CLR	20			180	41	17	32	05		004		JD
SA	1548	CLR	20			181	40	18	33	11		004	307 1100 42 RADAT 37045	DS
SA	1650	CLR	20			194	38	18	33	06		007		DS
SA	1749	CLR	20			209	34	16	36	06		011		DS
SA	1849	CLR	20			210	34	15	36	08		011	120	DS
SA	1951	CLR	20			210	32	17	02	10		011		DS
SA	2050	CLR	20			222	30	15	06	03		014		DS
SA	2149	CLR	20			229	30	14	01	10		016	317 42	DS
SA	2246	CLR	20			231	29	15	34	07		017		DS
SA	2349	CLR	20			227	29	12	01	08		016		DS

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

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

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible] DESERT ROOK [illegible]

DATE: [illegible] 1977 9 8

To convert LST to GMT ADD 6 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	26.365	32.5	28.4	61	10	7	Sc	E30	3	Sc	50	10								10	2	070			00-01
01 48	26.385	32.0	28.1	63	10															10					01-02
02 52	26.405	30.2	27.8	75	0															6					02-03
03 52	26.435	31.6	26.8	54	1	1	Ac	150												1	2	.070			03-04
04 49	26.460	30.6	25.8	52	3															2					04-05
05 46	26.490	29.2	24.9	55	0															0					05-06
06 48	26.530	27.7	23.8	56	0	0	Ac	150	0	Ci	200	0								0	2	.095			06-07
07 49	26.560	28.9	25.8	66	0															0					07-08
08 47	26.590	31.2	25.9	48	0															0					08-09
09 47	26.630	33.0	27.6	50	0	0	Cu	50												0	2	.100			09-10
10 47	26.635	35.1	28.8	46	0															0					10-11
11 49	26.620	37.3	30.5	46	0															0					11-12
12 51	26.610	39.9	31.7	40	0	0	Cu	60												0	8	.020			12-13
13 49	26.625	40.0	32.3	43	0															0					13-14
14 51	26.630	40.6	32.2	38	0															0					14-15
15 48	26.630	39.7	31.7	41	0	0	Cu	60												0	3	.020			15-16
16 50	26.660	38.3	31.0	44	0															0					16-17
17 49	26.690	33.9	28.1	48	0															0					17-18
18 49	26.690	33.7	27.6	45	0															0	1	.060			18-19
19 51	26.690	32.5	27.3	51	0															0					19-20
20 50	26.724	29.8	25.2	53	0															0					20-21
21 49	26.740	30.0	25.3	52	0															0	3	.050			21-22
22 46	26.750	29.4	25.0	54	0															0					22-23
23 49	26.740	29.1	24.1	48	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	33	30	X	X						X		
	0346	1	0	0	0	34	30		1								
	0944	2	0	0	0	33	27		1								
	1543	3	0	0	0	42	33		1								
	2148	4	0	0	0	40	27		0								
	MID.	X	0	6	0	31	28	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0946	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.435	26.630	26.630	26.740
BAROGRAPH 64	26.435	26.625	26.620	26.740
BAR. CORR. 65	0	+.005	+.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
42	27	0	0	0	17	N	1915					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: [illegible] DESERT ROCK, NV

DATE: [illegible] 87

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OIL SERVER'S INITIALS (15)
SA	0048	CLR	20			221	29	12	03	07		015	803	US
SA	0148	CLR	20			221	28	12	04	04		015		US
SA	0250	CLR	20			222	27	11	09	05		015		US
SA	0349	CLR	20			220	25	12	32	04		015	802. 25 RADAT ZERO	JD
SA	0448	CLR	20			218	23	12	04	02		013		JD
SA	0546	CLR	20			221	24	14	03	02		013		JD
SA	0648	CLR	20			225	20	11	04	02		013	605	JD
SA	0747	CLR	20			219	24	12	08	02		012		JD
SA	0847	CLR	20			221	28	10	20	02		013		JD
SA	0948	CLR	20			210	33	10	33	02		011	807 1001 19	JD
SA	1047	CLR	20			200	37	15	03	02		008		JD
SA	1147	CLR	20			181	39	14	10	04		004		JD
SA	1250	CLR	20			165	41	18	19	02		999	736.	JD
SA	1345	CLR	20			153	42	12	18	03		996		JD
SA	1451	CLR	20			144	42	9	19	06		993		JD
SA	1548	CLR	20			146	42	9	20	04		993	619 1032 44 RADAT 36051	US
SA	1650	CLR	20			149	40	18	19	04		992	AC LYR S AND NW	US
SA	1750	CLR	20			143	35	18	11	03		991	AC AND CI S FEW SC DSNT NW	US
SA	1847	CLR	20			143	32	13	09	10		989	712 1532	US
SA	1946	CLR	20			138	30	13	09	06		988	FEW AC AND CI	US
SA	2049	CLR	20			130	31	12	09	10		987		US
SA	2149	50 SCT E 90 BKN	20			127	31	12	19	02		987	607 1530 44	US
SA	2248	E 50 BKN 90 OVC	20			124	30	13	01	04		986	BINOVC OVHD	US
SA	2347	E 50 BKN 90 OVC	20			114	32	12	01	06		985		US

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

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

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: DESERT ROCK
DATE: 27

To convert LST to GMT ADD 7 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	26.730	29.3	24.4	49	0															0	8	.010			00-01
01 48	26.730	28.3	23.7	50	0															0					01-02
02 50	26.730	26.6	22.4	51	0															0					02-03
03 49	26.725	25.1	21.6	57	0															0	8	.005			03-04
04 48	26.710	22.8	20.2	64	0															0					04-05
05 46	26.710	23.6	21.1	66	0															0					05-06
06 48	26.710	20.0	18.1	68	0															0	6	.015			06-07
07 47	26.700	23.9	20.8	59	0															0					07-08
08 47	26.710	28.1	23.2	47	0															0					08-09
09 48	26.690	32.8	26.0	38	0	0	Ci	230												0	8	.020			09-10
10 47	26.670	36.8	29.5	41	0															0					10-11
11 47	26.625	39.2	30.6	36	0															0					11-12
12 50	26.585	40.6	32.4	40	0															0	7	.105			12-13
13 45	26.555	42.1	31.7	29	0															0					13-14
14 51	26.530	42.2	31.2	25	0															0					14-15
15 48	26.530	41.7	31.0	26	0	0	Ac	90	0	Ci	200	0								0	6	.055			15-16
16 50	26.520	39.8	31.8	50	0															0					16-17
17 50	26.510	35.0	29.0	48	0															0					17-18
18 47	26.495	31.7	26.1	46	0	0	Sc	50	0	Ac	90	0	0	Ci	200	0				0	7	.035			18-19
19 46	26.485	30.0	25.0	49	0															0					19-20
20 49	26.475	30.6	25.0	45	0															0					20-21
21 49	26.475	30.5	24.9	45	6	4	Sc	50	2	Ac	≈90	6								6	6	.020			21-22
22 48	26.470	29.6	24.6	48	10															9					22-23
23 49	26.455	32.2	26.0	42	10															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	29	24	X	X						X		
	0345	1	0	0	0	31	24		0								
	0945	2	0	0	0	33	19		0								
	1543	3	0	0	0	44	33		0								
	2143	4	0	0	0	42	28		0								
	MID.	X	0	0	0	33	28	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.725	26.690	26.530	26.475
BAROGRAPH 64	26.730	26.695	26.545	26.485
BAR. CORR. 65	-.005	-.005	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
44	19	0	0	0	16	S	1455					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
1-77

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

STATION: [illegible] DESERT ROCK, NV

DATE: [illegible]

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	[illegible]
SA	0049	E50 BKN 90 OVC	20			108	31	14	35	07		983	712 152/	DS
SA	0146	E 40 OVC	20			106	31	15	03	08		983		DS
SA	0245	E 40 OVC	20			100	29	21	35	11G17		981		DS
SA	0345	E35 OVC	20			094	28	21	35	09		979	814 1511 27 RADAT ZERO	DS
RS	0447	W5X	5		S-	094	27	24	35	08		979	SB30	SH
RS	0547	W2X	3		S-	094	26	22	35	10		977		SH
RS	0646	W2X	2		S-	097	26	21	36	12		977	60502	SH
SP	0716	W6X	5		S-				01	12		976		SH
RS	0747	-X E15 OVC	75		F	098	25	19	01	12		976	SE25 F4	SH
SA	0845	-X E15 OVC	4		F	101	26	19	01	08		978	F4	SH
SA	0947	15 SCT E25 OVC	10			099	26	18	36	11		978	BINOVC NW/10203	SH
	—		—			—							1500 25	
SA	1046	15 SCT E25 OVC	15			100	29	19	01	12		979	BINOVC	SH
SA	1145	15 SCT E25 OVC	15			087	31	18	36	09		975	SWV E-S	SH
SP	1210	15 SCT E30 OVC	15						36	08		975	BINOVC	SH
SA	1246	15 SCT E30 OVC	20			078	32	20	36	08		973	SWV S / 815 1511	SH
SA	1345	15 SCT E30 OVC	20			076	32	18	36	08		972	MTN TPS OBSCD E-S	SH
SA	1445	15 SCT E35 OVC	20			081	32	16	36	09		973		SH
SA	1545	15 SCT E30 BKN	20			086	32	16	01	10		974	305 1500 32 RADAT	CG
													ZERO	
SA	1648	E30 BKN	20			096	30	17	01	10		976		CG
SA	1747	E30 BKN	20			102	29	12	36	10		978		CG
SA	1849	E30 BKN	20			106	28	11	02	10		979	214 1500	CG
SA	1946	E30 BKN	20			114	26	11	01	10		981		CG
SA	2046	E30 BKN	20			119	25	8	02	10		982		CG
SA	2145	E30 BKN	20			119	25	7	01	10		982	110 1500 33	CG
SA	2245	E30 BKN	20			125	25	7	01	06		984		CG
SA	2346	30 SCT	20			131	21	9	36	02		985		CG

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

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dppp $6P_3P_3P_3P_3$ 7RRR.s $8N_sCh$ h_s $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION [illegible]

DATE [illegible] 28

To convert LST to GMT ADD 5 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	26.440	31.0	25.7	48	10	7	SC	E50	3	AS	90	10								10	7	.035			00-01
01 46	26.440	30.8	26.0	52	10															10					01-02
02 45	26.420	29.0	26.4	72	10															10					02-03
03 45	26.400	28.0	26.4	82 74	10	10	SC	E35												10	8	.040			03-04
04 47	26.395	27.0	26.1	88	10															10					04-05
05 47	26.385	26.1	25.1	85	10															10					05-06
06 46	26.385	25.6	24.3	82	10	10	S	W2												10	6	.015			06-07
07 47	26.385	25.2	23.6	78	10															10					07-08
08 45	26.390	25.7	23.9	76	10															10					08-09
09 47	26.390	26.4	24.1	71	10	4	STFRA	15	6	SC	E25	10								10	1	.005			09-10
10 46	26.395	29.3	26.0	65	10															10					10-11
11 45	26.370	30.8	26.8	60	10															10					11-12
12 46	26.345	31.6	27.6	61	10	2	STFRA	15	8	SC	E30	10								10	8	.045			12-13
13 45	26.340	32.2	27.3	55	10															10					13-14
14 45	26.350	32.2	26.8	51	10															10					14-15
15 45	26.360	31.5	26.5	52	10	3	STFRA	15	6	SC	E30	9								9	3	.015			15-16
16 48	26.380	30.3	26.2	58	9															9					16-17
17 47	26.390	28.9	24.0	49	6															6					17-18
18 49	26.400	27.9	23.2	49	6	6	SC	E30												6	2	.040			18-19
19 46	26.420	26.4	22.2	51	6															6					19-20
20 46	26.430	25.3	21.0	48	6															6					20-21
21 45	26.430	24.8	20.4	46	6	6	SC	E30												6	1	.030			21-22
22 45	26.450	24.5	20.2	47	6															6					22-23
23 46	26.460	20.6	18.0	61	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	32	27	X	X						X		
	0342	1	0	0	0	33	27		0								
	0943	2	.03	*T3	0	28	25		2								
	1543	3	0	0	0	32	26		1								
	2143	4	0	0	0	32	24		54								
	MID.	X	0	0	0	25	21	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.405	26.390	26.360	26.430
BAROGRAPH 64	26.405	26.390	26.360	26.420
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
32	21	.03	~~T~~	0	17	N	0238					10			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87
S-	0430	0725			
F	0725	0930			

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:

*T MELTED AS IT FELL

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 29

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0046	30 SCT	20			131	19	7	02	05		985	110 1500	CG
SA	0145	30 SCT	20			136	17	7	29	04		986		CG
SA	0245	CLR	20			139	18	7	05	02		987		CG
SA	0348	CLR	20			140	17	6	03	02		987	107 16 20003	SH
	—		—				—					—	RADAT ZERO	
SA	0445	CLR	20			145	17	4	32	04		988		SH
SA	0545	CLR	20			152	15	5	09	02		990		SH
SA	0647	CLR	20			164	13	4	09	04		993	315	SH
SA	0746	CLR	20			170	17	5	03	02		995		SH
SA	0846	CLR	20			175	24	9	30	02		997		SH
SA	0947	CLR	20			175	28	3	23	02		998	119 13	SH
SA	1047	CLR	20			175	30	10	20	02		999		SH
SA	1145	CLR	20			172	31	13	09	03		997		SH
SA	1246	CLR	20			165	34	10	25	02		996	808	SH
SA	1345	CLR	20			166	33	9	24	03		995		SH
SA	1446	CLR	20			164	34	9	23	03		995		SH
SA	1545	CLR	20			173	34	7	20	04		997	305 1001 35 RADAT 34034	CG
SA	1645	CLR	20			178	33	3	18	04		998		CG
SA	1745	CLR	20			186	28	10	00	00		999		CG
SA	1845	CLR	20			194	26	7	09	04		001	210	CG
SA	1945	CLR	20			196	24	11	10	04		002		CG
SA	2045	CLR	20			195	23	7	09	08		003		CG
SA	2145	CLR	20			194	22	9	30	02		003	107 35	CG
SA	2246	CLR	20			198	23	5	04	04		005		CG
SA	2345	CLR	20			199	21	9	35	04		005		CG

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

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

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible] ROBERT SOOK NY

DATE: 1979 [illegible] 23

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.460	19.0	16.5	60	3	3	5c	30												3	1	-.030			00-01
01 45	26.470	16.9	15.0	65	3															3					01-02
02 45	26.480	17.5	15.4	63	0															0					02-03
03 48	26.480	17.3	15.0	60	0															0	1	.020			03-04
04 45	26.490	10.7	14.3	58	0															0					04-05
05 45	26.500	15.0	13.2	64	0															0					05-06
06 47	26.525	13.4	11.8	65	0															0	3	.045			06-07
07 46	26.550	17.4	15.0	58	0															0					07-08
08 46	26.570	23.6	20.0	53	0															0					08-09
09 47	26.580	27.7	21.6	34	0															0	1	.055			09-10
10 47	26.585	30.4	24.5	42	0															0					10-11
11 45	26.570	31.0	25.6	47	0															0					11-12
12 46	26.555	33.5	26.4	38	0															0	8	.025			12-13
13 45	26.550	33.4	26.0	35	0															0					13-14
14 46	26.550	34.2	26.6	35	0															0					14-15
15 45	26.570	33.7	26.0	32	0	0	Ci	300												0	3	.015			15-16
16 45	26.580	33.0	25.0	28	0															0					16-17
17 45	26.590	28.0	23.0	46	0															0					17-18
18 45	26.600	26.3	21.4	42	0															0	2	-.030			18-19
19 45	26.610	24.0	20.8	58	0															0					19-20
20 45	26.620	23.3	19.5	50	0															0					20-21
21 45	26.620	22.0	19.0	58	0															0	1	.020			21-22
22 46	26.640	22.6	18.6	47	0															0					22-23
23 45	26.640	20.7	18.0	59	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	26	16	X	X						X		
	0343	1	0	0	0	25	16		3								
	0944	2	0	0	0	28	13		1								
	1543	3	0	0	0	35	28		0								
	2143	4	0	0	0	34	22		0								
	MID.	X	0	0	0	23	21	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.580	26.570	26.620
BAROGRAPH 64	26.480	26.580	26.560	26.620
BAR. CORR. 65	± 0	± 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
35	13	0	0	0	10	SW	1432					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 30

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	NATIONAL USE ONLY (15)
SA	0045	CLR	20			198	19	10	00	00		005	107	CG
SA	0145	300 SCT	20			202	20	12	34	02		006		CG
SA	0245	E 300 BKN	20			205	21	9	25	02		007		CG
SA	0347	E 300 OVC	20			205	21	11	02	02		007	107 1002 18 RADAT	SH
	—		—			—						—	ZERO	—
SA	0445	E250 OVC	20			206	23	10	31	03		008		SH
SA	0545	E250 OVC	20			211	23	11	31	03		008	310	SH
SA	0647	E60 BKN 250 OVC	20			219	24	9	09	02		011	310 1502	SH
SA	0745	E50 BKN 250 OVC	20			223	24	11	02	03		012		SH
SA	0848	E50 BKN 100 OVC	20			224	26	12	09	05		012		SH
SA	0946	E50 BKN 100 OVC	20			230	29	13	33	02		014	310 1531 18	SH
SA	1046	E50 BKN 100 OVC	20			222	31	18	09	10		013		SH
SA	1146	E40 BKN 100 OVC	20			219	31	14	09	10		011		SH
SA	1245	E40 BKN 100 OVC	20			207	32	17	09	09		007	720 1531	SH
SA	1346	E35 BKN 100 OVC	20			203	33	16	09	08		006	CLDS TPG MTNS S	SH
SA	1445	E35 BKN 80 OVC	20			202	33	20	09	10		006	CLDS TPG MTNS SE	SH
SA	1545	E35 OVC	20			202	31	15	09	11		006	603 1511 34 RADAT 44034	CG
SA	1646	E35 BKN 300 OVC	20			202	31	13	11	11		006		CG
SA	1745	E35 BKN 300 OVC	20			202	30	13	10	09		006		CG
SA	1845	E35 BKN 300 OVC	20			202	30	14	09	09		006	400 1508	CG
SA	1945	E35 OVC	20			202	30	14	09	09		006		CG
RS	2046	E25 OVC	15		SW-	198	29	17	09	10		005	SB44	CG
SA	2145	E20 OVC	10		S-	194	29	17	09	07		005	80300 1511 34	CG
RS	2245	W8X	1		S+-	190	29	20	09	14		004		CG
SP	2311	W3X	1/2		S				09	08		004		CG
RS	2345	W1X	1/4		S+	191	27	23	30	04		004		CG

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

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

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible] NV.

DATE: 1979 [illegible] 30

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.640	19.0	17.0	66	0															0	1	-.020			00-01
01 45	26.650	19.6	18.0	72	4															3					01-02
02 45	26.660	21.0	18.3	60	8															6					02-03
03 47	26.660	21.2	18.8	64	10	10	CI	E300												10	1	.020			03-04
04 45	26.625	23.2	20.0	57	10															10					04-05
05 45	26.670	23.2	20.1	58	10															10					05-06
06 47	26.690	23.6	20.1	54	10	7	SC	E60	3	CI	250	10								10	3	.030			06-07
07 45	26.695	24.1	20.8	57	10															10					07-08
08 48	26.700	25.7	22.1	56	10															10					08-09
09 46	26.720	28.6	24.2	52	10	6	SC	E50	4	AC	100	10								10	3	.030			09-10
10 46	26.705	30.6	26.6	59	10															10					10-11
11 46	26.690	30.8	25.7	49	10															10					11-12
12 45	26.660	32.2	27.2	53	10	6	SC	E40	4	AC	100	10								10	7	.060			12-13
13 46	26.650	32.7	27.2	50	10															10					13-14
14 45	26.650	33.0	28.4	58	10															10					14-15
15 45	26.650	31.3	26.3	51	10	10	SC	E35												10	6	-.010			15-16
16 46	26.650	30.9	25.5	47	10															10					16-17
17 45	26.650	29.9	25.0	50	10															10					17-18
18 45	26.650	29.6	25.0	52	10	8	SC	E35	2	CS	300	10								10	4	.000			18-19
19 45	26.650	29.5	25.0	53	10															10					19-20
20 46	26.640	29.3	25.5	60	10															10					20-21
21 45	26.640	29.0	25.2	59	10	10	SC	E20												10	8	-.010			21-22
22 45	26.630	28.7	26.0	70	10															10					22-23
23 45	26.630	26.9	25.9	86	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	22	18	X	X						X		
	0344	1	0	0	0	23	18		0								
	0942	2	0	0	0	29	21		0								
	1543	3	0	0	0	34	29		0								
	2143	4	T	T	0	32	29		0								
	MID.	X	.02	.2	T	29	27	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.720	26.650	26.640
BAROGRAPH 64	26.650	26.710	26.650	26.640
BAR. CORR. 65	±.010	±.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 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
34	18	.02	.2	T0	23	E	2218					10			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SW -	2044	2130			
S-	2130	2310			
S	2310	2342			
S+	2342	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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
1-77.

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 JAN 31

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION 00=36 (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	(15)
SP	0022	W5X	1		S-				25	02		003		CG
SP	0038	W1X	1/4		S+				18	02		003		CG
SA	0048	W1X	1/4		S+	183	26	24	21	02		002	81004	CG
SP	0117	E10 OVC	2		S-				36	02		001		CG
SA	0145	E10 OVC	2		S-	178	26	22	34	02		001		CG
SA	0245	E10 OVC	2		S-	170	27	22	33	02		998		CG
SA	0344	E10 OVC	2		S-	159	28	22	05	03		995	82008 17// ~~9040~~ 90403 34	—
													20008 RADAT ZERO	CCB
SA	0446	E10 OVC	2		S-	160	26	23	29	07		995		CCB
SA	0544	E10 OVC	2		S-	161	26	24	27	04		995		CCB
SA	0646	E10 OVC	2		S-	153	26	25	36	02		993	80703 102/ 90403	CCB
SA	0745	E10 OVC	2		S-	161	26	24	19	02		995		CCB
~~SP~~ RS	0847	E10 OVC	1		S-	164	28	25	16	02		996		CCB
SA	0945	E10 OVC	1		S-	170	30	27	19	02		998	21708 102/ 90222	—
													90403 24	CCB
SA	1043	E10 OVC	1		S-	164	33	30	32	01		997		CCB
RS	1144	E15 OVC	2		S-	159	31	28	24	02		995		CCB
SA	1243	E15 OVC	2		S-	147	33	26	25	03		992	82002 17// 90403	CCB
SA	1346	E15 OVC	2		S-	136	33	26	26	04		988		CCB
~~SA~~ RS	1444	8 SCT E15 OVC	3		S-	135	33	~~26~~ 27	04	02		988		CCB
RS	1547	8 SCT E15 OVC	10			132	31	25	30	02		987	SE05/ 61402 15// 34	CG
/						~~7~~		~~23~~					~~RADAT~~ 90403 RADAT 78034	/
SA	1647	8 SCT E15 OVC	10			132	30	23	09	08		986		CG
SA	1745	8 SCT E15 OVC	10			131	30	23	09	10		986		CG
SA	1847	8 SCT E15 OVC	10			127	30	23	09	17		985	70720 15//	CG
SP	1913	W8X	3		S-				09	14		985	SB12	CG
SA	1946	W8X	3		S-	133	28	25	09	07		986	SB12	CG
RS	2046	W1X	1/4		S+	133	28	26	35	02		987		CG
SP	2129	W5X	2		S-				36	03		986		CG
RS	2148	W1X	1/4		S+	127	28	26	00	00		986	00209 90404 34	CG
RS	2245	W5X	1		S-	124	27	26	00	00		985		CG
SA	2348	W5X	1		S-	119	28	26	30	02		984		CG

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

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_0P_0P_0P_0$ 7RRRrs $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 [illegible] 31

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.610	25.5	25.2	93	10	10	S	W1												10	8	.030			00-01
01 45	26.600	26.0	25.0	85	10															10					01-02
02 45	26.580	26.5	25.2	82	10															10					02-03
03 44	26.550	27.6	25.8	78	10	10	CUFRA	E10												10	8	.060			03-04
04 46	26.550	25.7	25.2	91	10															10					04-05
05 44	26.550	25.8	25.3	91	10															10					05-06
06 46	26.530	25.9	25.7	94	10	10	NS	E10												10	8	.020			06-07
07 43	26.550	26.0	25.7	93	10															10					07-08
08 47	26.560	28.1	27.3	89	10															10					08-09
09 45	26.580	29.5	28.7	90	10	10	NS	E10												10	2	.050			09-10
10 43	26.570	32.8	31.5	88	10															10					10-11
11 44	26.550	31.1	30.0	89	10															10					11-12
12 43	26.520	33.0	30.3	75	10	10	CUFRA	E15												10	8	.060			12-13
13 46	26.490	33.4	30.5	74	10															10					13-14
14 44	26.490	33.2	30.8	78	10															10					14-15
15 47	26.480	31.0	28.8	77	10	5	CUFRA	8	5	SC	E15	10								10	6	.040			15-16
16 47	26.470	29.6	27.5	77	10															10					16-17
17 45	26.470	30.0	27.5	73	10															10					17-18
18 47	26.460	29.7	27.4	75	10	5	CUFRA	8	5	SC	E15	10								10	7	.020			18-19
19 46	26.470	28.2	27.1	86	10.															10					19-20
20 45	26.475	28.0	27.4	91	10															10					20-21
21 48	26.465	28.0	27.4	91	10	10	S	W1												10	0	.005			21-22
22 45	26.460	27.3	27.0	94	10															10					22-23
23 48	26.445	27.5	27.0	92	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	.06	.6	X	28	24	X	X						X		
	0340	1	.08	.8	2	29	24		7								
	0941	2	.06	.6	3	30	25		7								
	1543	3	.03	.3	3	34	29		7								
	2145	4	.09	.9	4	32	28		7								
	MID.	X	.06	.6	4	28	27	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0943	1544	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.580	26.480	26.465
BAROGRAPH 64	26.550	26.560	26.480	26.460
BAR. CORR. 65	±0	+.020	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (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
34	24	.30	3.0	42	23	E	1854					10			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
S+	CONT.	0021			
S-	0021	0037			
S+	0037	0116			
S-	0116	1545			
S-	1912	2042			
S+	2042	2123			
S-	2123	2143			
S+	2143	2242			
S-	2242	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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131