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: 1982

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.)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	55	31	43		22		.03			14.9	42	SW	26.2	38	5	RW, IP	59	48	71	76
2	45	24	35		30					11.2	35	S	26.3	25	6		45	48	42	62
3	42	17	30		35					4.5	12	SW	26.7	44	4		58	55	38	52
4	45	28	37		28					5.5	19	SE	26.6	24	8		45	53	32	50
5	52	34	43		22		.25			15.8	39	S	26.3	88	8	R	98	73	59	66
6	41	22	32		33		.02			13.8	32	NE	26.6	73	4	RW, IP	73	54	27	45
7	39	18	29		36					14.7	25	NE	27.0	20	0		45	36	35	42
8	48	27	38		27					14.2	24	NE	27.0	30	0		39	36	14	25
9	58	35	47		18					10.7	18	NE	26.8	45	0		40	30	20	52
10	62	33	48		17					5.6	15	NE	26.7	00	0		54	40	25	44
11	55	37	46		19					5.7	15	SW	26.5	43	7		61	42	45	69
12	49	35	42		23					11.8	30	N	26.6	23	3		55	39	25	38
13	53	30	42		23					10.0	20	NE	26.8	68	0		50	32	27	47
14	56	29	43		22					3.9	11	SW	26.7	46	8		60	51	26	55
15	60	30	45		20					5.7	23	N	26.7	29	1		65	28	14	31
16	60	31	46		19					4.7	13	NE	26.7	63	10		45	28	13	42
17	60	28	44		21					4.4	13	SW	26.5	70	2		54	25	17	32
18	59	34	47		18					9.1	33	SW	26.4	21	10		55	21	20	33
19	49	36	43		22					14.3	37	S	26.4	35	2		44	18	31	40
20	44	33	39		26		.04	T		17.2	38	S	26.3	45	9	RW, SW	69	55	84	80
21	42	27	35		30		.02	0.1		11.3	40	N	26.3	30	6	SP, SW	71	55	48	73
22	43	23	33		32					4.8	14	E	26.8	00	2		73	43	31	60
23	50	22	36		29					4.4	12	N	26.9	38	5		79	55	30	60
24	63	30	47		18					4.3	17	NE	26.8	35	0		82	50	27	53
25	64	35	50		15					7.3	21	SE	26.7	20	6		62	40	28	50
26	66	35	51		14					14.0	40	SW	26.5	40	6		60	22	28	48
27	55	35	45		20					9.0	22	NE	26.6	63	5		54	38	29	48
28	56	28	42		23		.01			9.8	34	SW	26.4	33	6	RW	60	33	42	55
29	51	36	44		21		T			13.1	27	NE	26.6	70	1	RW	54	44	24	33
30	56	31	44		21					11.4	22	NE	26.8	64	6		40	36	26	44
31	61	35	48		17					9.5	32	NW	26.7	55	1		60	32	15	25
SUM	1639	929	—	—	721	0	.37	0.1	—	296.6	—	—	826.1	78	131	—	1809	1260	993	1540
AVG	52.9	30.0	—	—	—	—	—	—	—	9.6	FASTEST	DIRECTION	—	—	4.2	—	58.4	40.7	32.0	49.7
										MISC. →	42	SW	26.6	51		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 41.4

DEPARTURE FROM NORMAL —

HIGHEST 66 ON 26

LOWEST 17 ON 3

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 18

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 721

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 1778

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 .37 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST daily .25 ON 5

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0.1 IN.

GREATEST daily 0.1 ON 21

GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 13

PARTLY CLOUDY (Scale 4–7) 12

CLOUDY (Scale 8–10) 6

WITH 0.01 INCH OR MORE PRECIP. 6

WITH 0.10 INCH OR MORE PRECIP. 1

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

IP = ICE PELLETS
R = RAIN
RW = RAINSHOWER
SP = SNOW PELLETS
SW = SNOWSHOWER

MAXIMUM PRECIPITATION

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

Station Pressure

HIGHEST 27.100 IN. ON 8

LOWEST 26.190 IN. ON 2

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 (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 1

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

TYPE (1)	TIME LST (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY Miles: SURFACE (4)	VISIBILITY Miles: TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND: DIRECTION 00-36 (9)	WIND: SPEED Knots (10)	WIND: CHARACTER (11)	ALTIMETER SETTING Inches (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (14)
SA	0047	200 SCT	20			037	48	31	19	17	G24	968	714 1008	008
SA	0150	200 SCT	20			028	49	33	21	17	G26	965		008
SA	0249	100 SCT 200-BKN	20			023	48	34	20	23	G33	963		008
SP	0355	100 SCT 200 SCT	20			007	49	35	22	23	G34	959	827 1078 39	[illegible]
—	—												RADAT 58081	—
SA	0450	100 SCT 200 SCT	20			005	48	36	22	20	G34	958		[illegible]
SA	0547	200 SCT	20			014	48	35	21	20	G30	960	PK WND 2242/31	[illegible]
SA	0647	10 SCT 35 SCT 200 SCT	20			020	48	36	21	25	G35	961	PK WND 1937/03	[illegible]
—	—												307 1508	—
SA	0747	10 SCT 35 SCT 200 SCT	20			020	48	35	21	22	G31	961		[illegible]
SA	0849	35 SCT 120 SCT	20			017	50	35	21	24	G33	960		[illegible]
SA	0950	35 SCT 120 SCT	20			016	52	33	20	26	G34	961	500 1540 39	[illegible]
SA	1051	M40 BKN 120 OVC	20			015	53	34	20	23	G32	961	PK WND 2037/23	[illegible]
SP	1114	M40 OVC	20		RW--1P-				20	24	G34	961	1PB11	[illegible]
SP	1121	M40 OVC	20		RW-				21	20	G30	961	1PB19	[illegible]
SP	1145	M40 OVC	20		RW-	013	49	38	19	18	G28	960	1PB11E19 RB03	[illegible]
SP	1235	5 SCT M35 BKN	20		RW-				31	17	G24	962	WSHFT 30 PRESRR	[illegible]
SA	1252	5 SCT M35 BKN	20			024	40	36	05	18	G27	963	RE48 WSHFT 30/30T03	[illegible]
—	—												1100	—
SA	1352	35 SCT	20			020	46	34	03	13		962	SWU SE	[illegible]
SA	1452	35 SCT	20			014	47	30	04	12		960		[illegible]
SA	1547	CLR	20			015	44	36	12	09		960	61003 1100 55 RHDAT 76068	008
SA	1650	CLR	20			021	41	34	12	07		961		008
SA	1745	CLR	20			025	40	33	11	06		962		008
SA	1848	CLR	20			031	37	33	12	02		963	210 1100	008
SA	1946	CLR	20			028	35	30	03	08		962		008
SA	2044	CLR	20			032	34	27	07	03		963		008
SA	2146	CLR	20			032	32	25	02	06		963	500 55	008
SA	2247	CLR	20			028	39	18	26	02		963		008
SA	2348	CLR	20			025	40	13	19	13	G19	962		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dpp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO: 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 1

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.300	48.1	40.4	52	3	3	CS	200												2	7	.040			00-01
01 50	26.280	48.5	41.3	55	3															2					01-02
02 49	26.260	48.3	41.4	56	7															3					02-03
03 55	26.220	48.5	42.0	59	4	2	AC	100	2	CS	200	4								4	8	.080			03-04
04 50	26.210	47.7	41.9	62	3															3					04-05
05 47	26.230	48.2	41.8	59	2															2					05-06
06 49	26.240	47.7	42.0	63	4	1	CUFRA	10	3	SC	35	4	0	CS	300	4				4	3	.020			06-07
07 47	26.240	48.2	41.9	60	5															5					07-08
08 49	26.230	49.7	42.6	57	3															3					08-09
09 50	26.240	52.4	43.3	48	4	4	SC	35	0	ACSL	120	4								4	5	.000			09-10
10 51	26.240	52.5	43.5	49	10															9					10-11
11 45	26.230	48.6	43.3	66	10															10					11-12
12 52	26.260	39.5	38.0	88	8	2	CUFRA	5	7	CU	M35	8								8	3	.020			12-13
13 52	26.250	45.6	40.4	64	2															2					13-14
14 52	26.230	47.1	39.3	50	2															2					14-15
15 47	26.230	44.3	40.2	71	0	0	CU	30												0	6	.030			15-16
16 50	26.240	41.4	38.1	76	0															0					16-17
17 45	26.250	39.6	36.6	77	0															0					17-18
18 48	26.260	37.1	34.7	80	0	0	CU	30												0	2	.030			18-19
19 46	26.250	35.0	33.0	83	0															0					19-20
20 44	26.260	34.0	31.2	75	0															0					20-21
21 46	26.260	31.5	29.1	76	0															0	5	.000			21-22
22 47	26.260	33.9	31.4	43	0															0					22-23
23 48	26.250	39.6	30.6	33	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 0350	X	0	0	X	50	47	X	X						X		
	0350	1	0	0	0	51	40		0								
	0945	2	0	0	0	52	48		0								
	1542	3	.03	0	0	55	39		0								
	2140	4	0	0	0	44	31		0								
	MID.	X	0	0	0	40	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0950	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.220	26.240	26.230	26.260
BAROGRAPH 64	26.230	26.240	26.230	26.260
BAR. CORR. 65	-.010	0 *	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
55	31	.03	0	0	42	SW	0531					5	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1103	1248			
TP-	1111	1119			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK 1 SEC SLOW 0815 / 1 SEC SLOW 2020 P

* BAROGRAPH CHANGED RESET TO ±.0 CORR

MF1-10B

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 2

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			024	38	10	21	12		960	810	008
SA	0148	CLR	20			013	38	6	18	06		958		008
SA	0247	CLR	20			012	38	6	20	16	G24	958	FEW SC SW	008
SA	0349	CLR	20			006	37	17	20	20	G31	956	714 1070 31 20003	[illegible]
—	—												RADAT 25055	—
SA	0453	100 SCT	20			013	35	17	20	17	G32	957		[illegible]
SA	0550	100 SCT	20			018	36	19	21	23	G28	958		[illegible]
SA	0650	15 SCT 100 SCT	20			020	35	21	22	17	G27	958	SWU SE / 107 1720	[illegible]
SA	0751	15 SCT	20			032	36	23	25	12	G20	961	SWU SE WND SHFTG GRDLY	[illegible]
—	—												PRESRR	—
SA	0849	CLR	20			043	38	22	24	10		964		[illegible]
SA	0947	230 SCT	20			051	40	22	24	12	G18	967	227 1705 31	[illegible]
SA	1048	25 SCT 230 SCT	20			045	41	20	22	13	G19	967		[illegible]
SA	1145	25 SCT E230 BKN	20			040	43	19	21	13	G18	965		[illegible]
SA	1253	E30 BKN 230 OVC	20			040	44	19	21	15	G20	965	603 1208	[illegible]
SA	1351	30 SCT E130 OVC	20			037	42	17	22	13		964	SWU NW-NE	[illegible]
SA	1450	30 SCT M 70 OVC	20			043	41	18	21	06		965	SWU NW-NE	[illegible]
SA	1550	30 SCT M 70 OVC	20			059	40	19	03	12	G23	970	314 126 / 45 RADAT 40052	008
SA	1650	M30 BKN 70 OVC	20			076	33	26	03	10		973	SWU ALQDS	008
SA	1748	M30 BKN 70 OVC	20			091	33	26	05	09		978	SWU ALQDS	008
SA	1847	30 SCT 80 SCT 200 SCT	20			103	33	29	09	07		981	SWU SE / 234 1268	008
SA	1946	CLR	20			120	29	22	35	06		985		008
SA	2049	CLR	20			128	27	19	32	06		987		008
SA	2147	CLR	20			133	28	17	10	04		989	127 45	008
SA	2248	CLR	20			146	25	14	05	05		993		008
SA	2347	CLR	20			153	25	16	06	05		995		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: iii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMR, DESERT ROCK, N.M.

DATE: 1982 JAN 2

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.230	32.2	29.3	31	0															0	8	.030			00-01
01 48	26.210	37.7	28.2	26	0															0					01-02
02 47	26.210	38.0	28.4	26	0															0					02-03
03 49	26.190	36.9	30.0	45	0	0	AC	100												0	7	.040			03-04
04 53	26.200	35.3	29.0	46	3															3					04-05
05 50	26.210	35.7	29.9	51	3															3					05-06
06 50	26.210	35.2	30.1	56	2	2	CUFRA	15	0	AS	100	2								2	1	.020			06-07
07 51	26.240	35.8	30.8	58	2															2					07-08
08 49	26.270	32.3	32.2	52	0															0					08-09
09 47	26.290	40.0	33.0	48	2	0	CUFRA	15	2	CI	230	2								2	2	.080			09-10
10 45	26.290	41.1	33.2	43	3															3					10-11
11 45	26.280	42.9	34.0	38	7															6					11-12
12 53	26.280	43.7	34.3	36	10	7	CU	E30	3	CS	230	10								9	6	.010			12-13
13 51	26.270	42.0	33.0	36	10															9					13-14
14 50	26.280	41.2	32.7	39	10															9					14-15
15 50	26.320	40.4	32.5	42	10	5	CU	30	5	AC	M70	10								10	3	.040			15-16
16 50	26.350	33.0	30.2	74	10															10					16-17
17 48	26.340	32.7	30.1	75	10															10					17-18
18 47	26.420	33.1	31.4	84	4	2	CU	30	1	AC	80	3	1	CS	200	4				4	2	.100			18-19
19 46	26.460	29.3	27.0	74	0															0					19-20
20 49	26.430	27.4	25.0	71	0															0					20-21
21 47	26.500	27.7	24.4	62	0															0	1	.080			21-22
22 48	26.530	25.1	22.2	63	0															0					22-23
23 47	26.550	24.6	22.2	68	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 0345	X	0	0	X	40	35	X	X						X		
	0345	1	0	0	0	40	31		0								
	0943	2	0	0	0	40	35		0								
	1545	3	0	0	0	45	40		0								
	2142	4	0	0	0	40	26		0								
	MID.	X	0	0	0	28	24	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.190	26.290	26.320	26.500
BAROGRAPH 64	26.170	26.270	26.300	26.490
BAR. CORR. 65	+.020	+.020	+.020	+.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
45	24	0	0	0	35	5	0412					6	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK 1 SEC SLOW 0656 / 1900P - 1 SEC SLOW

MF1-10B

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK

SURFACE WEATHER OBSERVATIONS

DATE: 1982 JAN 3

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY Miles: SURFACE (4)	VISIBILITY Miles: TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. Mbs. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION 100-360 (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING Ins. (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0049	CLR	20			171	20	15	07	05		999	230	RD
SA	0150	CLR	20			181	24	13	11	03		003		RD
SA	0250	CLR	20			192	24	12	12	05		006		RD
SA	0350	CLR	20			202	24	11	10	03		009	2-25 27 20 RADAT ZERO	RD
SA	0450	CLR	20			215	20	12	02	03		010		RD
SA	0548	CLR	20			222	20	11	04	04		013		RD
SA	0649	CLR	30			233	18	9	01	05		015	2-19	RD
SA	0748	CLR	20			244	22	10	03	05		018		RD
SA	0849	250 - BKN	20			250	28	15	00	00		021		RD
SA	0949	220 - BKN	20			254	32	18	24	05		023	225 1006 17	RD
SA	1048	220 - SCT	20			249	37	23	27	04		022		RD
SA	1149	220 - BKN	20			240	39	20	23	04		020		RD
SA	1250	220 - SCT	20			234	41	16	24	08		017	717 1001	RD
SA	1350	220 SCT	20			235	41	13	26	08		018		RD
SA	1450	160 - BKN 220 - BKN	20			224	41	11	26	07		015		RD
SA	1546	E160 BKN 220 BKN	20			224	40	18	25	05		015	807 1078 42 RADAT28048	LEF
SA	1647	160 SCT E 220 BKN	20			229	38	17	24	06		015		LEF
SA	1745	160 SCT E 220 BKN	20			235	35	15	35	04		016		LEF
SA	1848	160 SCT E 220 OVC	20			241	32	11	27	02		017	305 1077	LEF
SA	1950	160 SCT E 220 OVC	20			248	32	11	04	04		020		LEF
SA	2046	160 SCT E 220 OVC	20			249	31	11	03	04		020		LEF
SA	2145	E160 BKN 220 OVC	20			243	29	14	03	06		020	210 1077 42	LEF
SA	2248	E160 BKN 220 OVC	20			230	30	12	15	06		017		LEF
SA	2349	E160 BKN 220 OVC	20			225	32	12	19	02		017		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM: VSTN Nddff VVwwW PPPTT NhCLhCMCH TdTd9000 6P0P0P0P0 7RRRRts 8NsCh hs 9SpSpspsp 2R24R24R24R24 3PwPwHwHw dwdwPwHwHw 4TxTxTnTn

U.S. GPO: 1980-0-665-115 1:08

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMR, ROCKET POW 11

DATE: 1982 JAN 3

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.590	20.2	19.1	79	0															0	2	.090			00-01
01 50	26.620	23.6	21.0	65	0															0					01-02
02 50	26.650	24.1	21.1	60	0															0					02-03
03 50	26.670	24.3	21.0	58	0															0	2	.080			03-04
04 50	26.680	19.8	18.0	70	0															0					04-05
05 49	26.705	19.6	17.8	69	0															0					05-06
06 49	26.725	17.7	16.0	69	0															0	2	.055			06-07
07 48	26.755	21.8	19.0	60	0															0					07-08
08 49	26.780	28.0	24.3	58	6															0					08-09
09 49	26.800	32.2	27.4	55	7	7	Ci	220												0	2	.075			09-10
10 48	26.790	37.3	31.7	56	2															0					10-11
11 47	26.770	39.0	31.8	45	7															2					11-12
12 50	26.750	41.7	31.9	37	1	1	Ci	220												0	7	.050			12-13
13 50	26.760	41.0	31.4	32	1															1					13-14
14 50	26.730	41.0	31.0	29	7															3					14-15
15 46	26.730	39.8	31.4	38	8	6	AC	6160	2	Cu	220	8								6	8	.020			15-16
16 47	26.730	38.2	30.7	42	7															5					16-17
17 45	26.740	35.3	28.5	42	8															6					17-18
18 48	26.745	32.0	25.7	41	10	2	AC	160	8	CS	5220	10								7	3	.015			18-19
19 50	26.770	32.0	25.8	42	10															8					19-20
20 46	26.770	31.3	25.4	43	10															9					20-21
21 45	26.775	29.4	24.8	52	10	6	AC	6160	4	CS	220	10								8	2	.030			21-22
22 48	26.750	30.0	24.7	47	10															9					22-23
23 49	26.745	32.1	26.0	43	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 0342	X	0	0	X	25	20	X	X						X		
	0342	1	0	0	0	28	26		0								
	0942	2	0	0	0	32	17		0								
	1541	3	0	0	0	42	32		0								
	2140	4	0	0	0	40	29		0								
	MID.	X	0	0	0	32	29	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0249	0948	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.800	26.730	26.775
BAROGRAPH 64	26.640	26.795	26.725	26.745
BAR. CORR. 65	+030	+.025	+005	+030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
42	17	0	0	0	12	SW	0030					4	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0759 1 SEC SLOW / 2315 1 SEC SLOW

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JAN 4

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

TYPE (11)	TIME LST (12)	SKY AND CEILING (1)	VISIBILITY (14) SURFACE	VISIBILITY (41) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (7)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (18)
SA	0050	E160 BKN 220 OVC	20			211	33	12	09	07		013	722 1077	LEF
SA	0145	E160 BKN 220 OVC	20			212	31	11	05	03		013		LEF
SA	0245	E160 BKN 220 OVC	20			217	29	11	36	02		014		LEF
SA	0352	60 SCT E150 BKN 220 OVC	20			213	31	12	15	05		013	500 1178 28	RD
—	—		—			—						—	RADAT 34H034047	—
SA	0447	60 SCT E150 BKN 220 OVC	20			210	31	11	08	06		012		RD
SA	0551	60 SCT E150 BKN 220 OVC	20			207	32	12	05	06		011		RD
SA	0652	60 SCT 150 SCT E220 OVC	20			206	31	13	31	06		010	710 1578	RD
SA	0748	150 SCT 220 SCT	20			210	30	13	09	04		011		RD
SA	0853	150 SCT E220 BKN	20			214	34	17	33	04		012		RD
SA	0950	150 SCT 200 -BKN	20			209	37	22	34	03		012	ACSL SE/005 1048 28	RD
SA	1049	150 SCT 200 -BKN	20			194	39	20	08	04		008		RD
SA	1150	140 SCT E200 BKN	20			176	42	13	36	03		003	ACSL SE	RD
SA	1248	140 SCT E200 OVC	20			161	43	9	13	03		999	ACSL SE/737 1047	RD
SA	1351	E120 BKN 200 OVC	20			154	43	10	13	12		997		RD
SA	1450	75 SCT E120 BKN 200 OVC	20			152	42	12	13	15		996		RD
SA	1547	60 SCT E120 BKN 200 OVC	20			154	42	14	12	10		997	568 1577 45 RADAT27063	LEF
SA	1645	E60 BKN 120 OVC	20			154	41	17	15	04		997		LEF
SA	1748	60 SCT E120 OVC	20			151	38	18	17	06		996		LEF
SA	1847	60 SCT E120 OVC	20			152	38	19	18	06		996	603 157/	LEF
SA	1945	60 SCT E120 OVC	20			149	38	19	10	01		994		LEF
SA	2049	60 SCT E120 OVC	20			147	36	18	09	02		994		LEF
SA	2149	M40 BKN 120 OVC	20			141	37	20	07	05		993	707 157/ 45	LEF
SA	2246	M32 BKN 120 OVC	20			140	39	20	09	02		993		LEF
SA	2346	M30 BKN120 OVC	20			121	40	22	36	02		989		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following required aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR$_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 4

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.710	32.9	26.5	42	10	6	Ac	E160	4	CS	220	10								10	7	.065			00-01
01 45	26.710	30.7	25.0	44	10															8					01-02
02 45	26.720	28.8	23.8	47	10															9					02-03
03 52	26.710	30.8	25.3	45	10	2	Cu	60	4	Ac	E150	6	4	CS	220	10				9	5	.000			03-04
04 47	26.700	30.6	24.8	43	10															9					04-05
05 51	26.690	31.8	25.9	43	10															10					05-06
06 52	26.680	30.6	25.4	48	10	1	Sc	60	4	Ac	150	5	5	CS	E220	10				7	7	.030			06-07
07 49	26.690	30.0	25.0	49	3															2					07-08
08 53	26.700	34.2	28.1	47	8															5					08-09
09 50	26.685	37.8	31.8	53	8	3	Ac	150	5	Cs	200	8								4	0	.015			09-10
10 49	26.660	39.0	31.9	46	8															4					10-11
11 50	26.620	41.9	31.9	31	9															5					11-12
12 48	26.585	43.4	32.1	24	10	3	Ac	140	10	Cs	E200	10								7	7	.110			12-13
13 51	26.560	43.1	32.2	26	10															9					13-14
14 50	26.555	42.3	31.9	29	10															10					14-15
15 47	26.560	41.7	32.0	32	10	3	Sc	60	5	Ac	E120	8	2	CS	200	10				10	5	.025			15-16
16 43	26.560	40.5	32.0	39	10															10					16-17
17 48	26.550	38.0	30.8	44	10															10					17-18
18 47	26.550	38.0	31.0	45	10	5	Sc	60	5	Ac	E120	10								10	6	.010			18-19
19 45	26.540	38.0	31.0	45	10															10					19-20
20 49	26.540	36.0	29.8	48	10															10					20-21
21 49	26.530	36.7	30.5	50	10	8	Sc	M40	2	Ac	120	10								10	7	.020			21-22
22 46	26.530	39.0	32.0	47	10															10					22-23
23 46	26.490	40.0	33.0	48	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s H_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	33	28		X	X	X	X	X	X	X		
	0344	1	0	0	0	33	28		0								
	0941	2	0	0	0	38	29		0								
	1542	3	0	0	0	45	38		0								
	2144	4	0	0	0	42	35		0								
	MID.	X	0	0	0	40	37		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.695	26.560	26.530
BAROGRAPH 64	26.685	26.680	26.545	26.510
BAR. CORR. 65	+.025	+.015	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
45	28	0	0	0	19	SE	1403					9	9		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0820 1 SEC SLOW / 2323 1 SEC SLOW

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1982 JAN 5

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

	TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
R	SA	0045	M25 OVC	20		R-	108	39	29	12	02		986	RB25 8240J5//	LEF
	SA	0147	M26 OVC	20		R-	104	37	34	12	12		984		LEF
	SP	0221	M8 OVC	10		R-				12	10		984		LEF
	SA	0245	M8 OVC	10		R-	108	35	35	01	02		984		LEF
RS	SA	0351	M30 OVC	10		R	094	34	34	32	06		980	81724 17// 34	RD
	—			—			—						—	20024 RADAT 00063	—
	SA	0452	M30 OVC	10			089	35	35	11	03		979	RE48	RD
	SA	0550	M30 OVC	10			073	45	35	20	22	G30	975	Sun 5	RD
	RS	0649	M28 BKN	15			076	44	36	19	26	G39	976	5121 1500	RD
	—			—			—						—	PK WND 2039/49	—
	SA	0748	M27 BKN	20			078	44	36	19	24	G31	977		RD
	SA	0850	M26 BKN	20			086	44	36	20	24		979		RD
	SA	0951	M24 BKN	20			089	45	37	19	17	G26	980	21201 1500 34	RD
	SA	1047	M26 BKN	20			084	46	37	20	23		979		RD
	SA	1149	M29 BKN	20			066	47	37	20	24	G31	974		RD
	SP	1240	M30 BKN	20					3	20	25		972		RD
	SA	1251	M32 BKN	20			059	50	38	22	21	G31	972	724 1500	RD
	SA	1350	M35 BKN	20			056	51	37	20	20	G30	972		RD
	SA	1451	35 SCT	20			056	50	36	21	24	G31	971		RD
	SA	1548	30 SCT 120 SCT E250 BKN	20			058	50	37	21	25		971	603 1576 52 RADAT 81073	LEF
	SA	1645	30 SCT 120 SCT E250 BKN	20			071	49	34	19	16		975		LEF
	SA	1750	80 SCT E140 BKN 250 BKN	20			072	47	34	18	10		976		LEF
	SA	1847	140 SCT E250 BKN	20			074	46	34	17	09		977	217 1078	LEF
	SA	1947	140 SCT 250 SCT	20			070	47	33	21	06		976		LEF
	SA	2046	CLR	20			080	44	33	24	12		978		LEF
	SA	2146	CLR	20			083	44	33	21	15		979	307 52	LEF
	SA	2246	CLR	20			081	44	32	22	16		979		LEF
	SA	2349	CLR	20			086	42	33	24	10		980		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 5

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.460	39.3	35.0	67	10	10	SC	M25												10	8	.070			00-01
01 47	26.445	36.7	35.5	90	10															10					01-02
02 45	26.450	35.2	35.2	100	10															10					02-03
03 51	26.410	34.3	34.0	98	10	10	FS	M30												10	8	.050			03-04
04 52	26.395	35.2	35.0	98	10															10					04-05
05 50	26.365	44.6	40.0	68	10															10					05-06
06 49	26.375	44.0	40.0	72	9	9	SC	M28												9	5	.035			06-07
07 48	26.380	43.7	39.9	73	9															9					07-08
08 50	26.400	44.0	40.1	72	9															9					08-09
09 51	26.410	44.8	40.9	73	9	9	SC	M24												9	2	.035			09-10
10 47	26.395	45.5	41.8	70	9															9					10-11
11 49	26.360	47.4	42.3	67	9															9					11-12
12 51	26.340	50.0	44.0	64	9	9	SC	M32												9	7	.070			12-13
13 50	26.335	50.6	43.8	59	7															7					13-14
14 51	26.330	50.3	43.4	58	4															4					14-15
15 48	26.330	50.4	43.6	59	6	2	SC	30	2	AC	120	4	2	CS	E250	6				4	6	.010			15-16
16 45	26.360	48.6	41.8	57	6															4					16-17
17 50	26.375	46.9	41.0	62	8															7					17-18
18 47	26.380	46.4	40.7	62	8	0	AC	SD	5	AC	140	5	3	CS	E250	8				5	2	.050			18-19
19 47	26.370	47.0	40.3	58	5															4					19-20
20 46	26.390	44.0	38.9	65	0															0					20-21
21 46	26.400	43.5	38.7	66	0															0	3	.020			21-22
22 46	26.400	43.7	38.5	63	0															0					22-23
23 49	26.410	41.6	37.7	71	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ms Ps Hs Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0342		.24	0		40	34										
	0342	1	.24	0	0	40	34		2								
	0942	2	.01	0	0	45	34		1								
	1543	3	0	0	0	52	45		0								
	2141	4	0	0	0	50	44		0								
	MID.		0	0	0	44	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.410	26.330	26.400
BAROGRAPH 64	26.385	26.410	26.340	26.395
BAR. CORR. 65	+025	±0*	-010	+005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	34	0.25	0	0	39	S	0649					8	6		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88
B-	0025	0030			
R	0310	0335			
R-	0335	0448			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0805 1 SEC SLOW / 2313 1 SEC SLOW

*CHANGED AND RESET MICROBAROGRAPH AT 0947 LST

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 86

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0047	80 SCT	20			091	37	32	16	10		981	307 1070	LEF
SA	0146	E80 BKN	20			100	38	32	29	02		984		LEF
SA	0245	E80 OVC	20			100	40	31	12	05		984	BINOVC SE	LEF
SA	0350	E40 BKN 80 OVC	20			103	41	33	03	10		985	314 1571 37 20001	JK
/													RADAT 00060	/
SA	0450	E35 OVC	10		RW-	114	37	31	04	15		987	RB45	JK
RS	0556	E30 OVC	5		RW-1P-	126	38	29	07	10		991	1PB43	JK
SP	0630	30 SCT E80 OVC	20						09	05		992	RE20 1PE27	JK
SA	0650	E80 OVC	20			135	38	28	07	10		993	RE20 1PE27 MTNS	JK
/													OBSC S/32402 1471	/
SA	0751	50 SCT E80 OVC	20			151	37	23	05	12		997	BINOVC W	JK
SA	0848	50 SCT E80 BKN	20			163	36	23	03	13		001	MTN TPS OBSC S	JK
SA	0950	E80 BKN	20			180	35	20	08	15		005	23702 1470 35	JK
SA	1047	80 SCT 120 SCT	20			180	35	16	04	10	G24	005		JK
SA	1146	120 SCT	20			176	38	15	04	14	G24	004		JK
SA	1249	120 SCT	20			178	38	11	04	20		004	803 1570	JK
SA	1352	120 SCT	20			187	37	9	04	26		006		JK
SA	1451	CLR	20			189	36	10	02	20		008		JK
SA	1550	120 SCT	20			205	34	4	02	18	G27	012	3 24 1070 41 RADAT31039	WRG
SA	1651	CLR	20			221	31	0	04	18	G32	015		WRG
SA	1750	CLR	20			237	29	10	02	19	G28	019		WRG
SA	1850	CLR	20			250	28	6	03	18		023	234	WRG
SA	1950	CLR	20			259	26	8	02	14		025		WRG
SA	2050	CLR	20			275	25	6	03	11		029		WRG
SA	2150	CLR	20			289	24	6	04	13	G21	033	2 30 44	WRG
SA	2250	CLR	20			298	23	6	04	13		035		WRG
SA	2350	CLR	20			302	22	5	04	14		036		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: iii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 82 JAN 6

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.420	37.1	34.8	81	1	1	AC	80												1	3	026			00-01
01 46	26.445	37.7	35.2	80	7															7					01-02
02 45	26.450	39.6	35.7	70	10															10					02-03
03 50	26.460	40.5	37.0	73	10	6	Sc	E40	4	AC	80	10								10	3	.040			03-04
04 50	26.480	36.6	34.1	79	10															10					04-05
05 56	26.510	37.5	33.9	71	10															10					05-06
06 50	26.530	37.5	33.5	68	10	10	Sc	E80												10	3	.070			06-07
07 51	26.570	36.5	31.2	57	10															10					07-08
08 48	26.600	36.0	31.0	58	9															8					08-09
09 50	26.640	34.8	29.5	54	9	0	Sc	50	9	AC	E80	9								9	2	.110			09-10
10 47	26.640	35.3	28.8	46	5															5					10-11
11 46	26.630	37.6	30.0	40	2															2					11-12
12 49	26.630	37.7	29.1	33	1	0	Sc	80	1	AC	120	1								1	8	.010			12-13
13 52	26.650	36.9	28.3	31	1															1					13-14
14 51	26.660	36.2	28.0	33	0															0					14-15
15 50	26.700	34.3	25.9	27	1	1	AC	120												1	3	.070			15-16
16 51	26.730	31.3	23.5	26	0															0					16-17
17 50	26.770	29.4	23.9	43	0															0					17-18
18 50	26.800	27.7	22.1	39	0															0	2	.100			18-19
19 50	26.820	26.3	21.6	46	0															0					19-20
20 50	26.860	24.9	20.3	44	0															0					20-21
21 50	26.890	24.4	20.0	45	0															0	2	.090			21-22
22 50	26.910	22.9	19.0	48	0															0					22-23
23 50	26.920	21.5	17.8	48	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s P_s H_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	42	37		X	X	X	X	X	X	X		
	0346	1	0	0	0	44	37		0								
	0946	2	.02	0	0	41	35		0								
	1546	3	0	0	0	39	34		0								
	2146	4	0	0	0	34	24		0								
	MID.	X	0	0	0	24	22		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.640	26.700	26.890
BAROGRAPH 64	26.460	26.640	26.710	26.890
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 UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
41	22	.02	0	0	32	NE	1641					5	4		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88
RW-	0445	0620			
IP-	0543	0627			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.)	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: 0600 P - 1 Sec
2222 P - 1 Sec

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 7

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			309	21	4	04	13		038	217	WRG
SA	0150	CLR	20			314	20	3	03	12		040		WRG
SA	0250	CLR	20			315	20	2	05	13		040		WRG
SA	0348	CLR	20			317	19	1	04	15		040	103 18 20002 RADAT ZERO	JK
SA	0447	CLR	20			324	19	0	04	18		041		JK
SA	0549	CLR	20			328	19	0	04	16		042		JK
SA	0650	CLR	20			337	18	3	03	17		044	214	JK
SA	0748	CLR	20			340	21	1	03	15		045		JK
SA	0845	CLR	20			348	23	-5	04	18		047		JK
SA	0950	CLR	20			357	27	3	02	16		051	320 18	JK
SA	1046	CLR	20			355	31	5	04	11		051		JK
SA	1149	CLR	20			339	34	6	12	16		046		JK
SA	1247	CLR	20			334	35	-8	10	19		045	817	JK
SA	1350	CLR	20			329	38	-2	09	17		044		JK
SA	1452	CLR	20			329	38	12	09	15		044		JK
SA	1550	CLR	20			334	38	13	11	13		045	500 39 RADAT 20048	WRG
SA	1650	CLR	20			332	34	5	09	12		044		WRG
SA	1750	CLR	20			348	33	4	02	09		048		WRG
SA	1850	CLR	20			353	32	13	06	14G	21	049	314	WRG
SA	1950	CLR	20			355	32	11	05	15G	25	050		WRG
SA	2050	CLR	20			358	32	7	04	14G	23	051		WRG
SA	2150	CLR	20			364	29	9	04	16		054	214 39	WRG
SA	2250	CLR	20			358	29	8	03	17		053		WRG
SA	2350	CLR	20			359	30	13	04	12G	20	054		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: 1i Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WRNG, DESERT ROCK, NV

DATE 1982 JAN 7 — To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.940	20.6	17.0	45	0															0	2	.050			00-01
01 50	26.950	19.9	16.3	47	0															0					01-02
02 50	26.950	19.7	16.0	45	0															0					02-03
03 48	26.950	18.8	15.2	45	0															0	1	.010			03-04
04 47	26.960	19.0	15.2	42	0															0					04-05
05 49	26.970	19.0	15.2	42	0															0					05-06
06 50	26.990	18.2	15.1	50	0															0	2	.040			06-07
07 48	27.000	20.5	16.4	41	0															0					07-08
08 45	27.020	22.8	17.2	28	0															0					08-09
09 50	27.050	27.0	21.2	36	0															0	3	.060			09-10
10 46	27.050	31.1	24.1	33	0															0					10-11
11 49	27.010	33.8	26.0	31	0															0					11-12
12 47	27.000	35.4	25.1	15	0															0	8	.050			12-13
13 50	26.990	37.5	27.0	18	0															0					13-14
14 52	26.990	38.3	29.6	33	0															0					14-15
15 50	27.000	36.3	29.9	35	0															0	5	.000			15-16
16 50	26.990	34.3	26.1	28	0															0					16-17
17 50	27.030	32.6	24.9	30	0															0					17-18
18 50	27.040	31.8	26.0	45	0															0	3	.040			18-19
19 50	27.050	32.0	25.8	42	0															0					19-20
20 50	27.060	31.8	24.9	35	0															0					20-21
21 50	27.080	29.4	23.8	42	0															0	2	.040			21-22
22 50	27.070	28.9	23.2	41	0															0					22-23
23 50	27.080	29.8	24.9	49	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s P_s H_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	22	18		X	X	X	X	X	X	X		
	0345	1	0	0	0	24	18		0								
	0946	2	0	0	0	27	18		0								
	1546	3	0	0	0	39	27		0								
	2146	4	0	0	0	38	29		0								
	MID.	X	0	0	0	30	29		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.950	27.050	27.000	27.080
BAROGRAPH 64	26.950	27.060	27.005	27.080
BAR. CORR. 65	+.0	-.010	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	18	0	0	0	25	NE	1940					0	0		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) — 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: 0450 P -1 Sec
2232 P -1 Sec

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 8

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			359	28	9	04	18		054	500	WRC
SA	0150	CLR	20			356	29	8	04	19		054		WRC
SA	0250	CLR	20			356	29	6	07	12		054		WRC
SA	0350	CLR	20			348	29	7	05	10		052	807 28 RADAT 29038	JK
SA	0451	CLR	20			347	27	7	05	17		051		JK
SA	0548	CLR	20			353	28	4	04	15		052		JK
SA	0647	CLR	20			354	29	6	05	20		052	500	JK
SA	0751	CLR	20			356	30	6	06	14		053		JK
SA	0848	CLR	20			363	35	9	06	08		056		JK
SA	0950	CLR	20			366	37	12	05	16		056	114 27	JK
SA	1053	CLR	20			352	40	14	08	08		053		JK
SA	1147	CLR	20			333	43	11	12	12		048		JK
SA	1246	CLR	20			326	45	6	12	15		046	830	JK
SA	1348	CLR	20			321	46	2	09	17		045		JK
SA	1450	CLR	20			311	48	3	09	12		042		JK
SA	1550	CLR	20			305	46	0	10	14		040	717 48 RADAT 24114	WRC
SA	1650	CLR	20			314	43	3	09	11		042		WRC
SA	1750	CLR	20			323	37	16	04	14		044		WRC
SA	1850	CLR	20			326	39	11	06	14	21	045	214	WRC
SA	1950	CLR	20			324	39	11	06	15	23	045		WRC
SA	2050	CLR	20			318	41	8	07	15	23	045		WRC
SA	2150	CLR	20			314	41	8	05	16	24	045	400 48	WRC
SA	2250	CLR	20			317	39	11	05	14		045		WRC
SA	2350	CLR	20			312	40	9	02	14		044		WRC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: iiiii NMMM YYwwW PPPTT $4h_CLhC_MC_H$ T_dT_dfppp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_eT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE 1982 JAN 8

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	27.080	28.3	23.0	43	0															0	5	.000			00-01
01 50	27.080	29.4	23.6	40	0															0					01-02
02 50	27.080	29.0	22.9	37	0															0					02-03
03 50	27.060	28.8	23.0	39	0															0	8	.020			03-04
04 51	27.050	27.3	22.1	42	0															0					04-05
05 48	27.060	28.0	22.0	36	0															0					05-06
06 47	27.060	28.9	22.9	38	0															0	5	.000			06-07
07 51	27.070	29.5	23.2	36	0															0					07-08
08 48	27.095	34.8	27.0	33	0															0					08-09
09 50	27.100	37.0	29.0	36	0															0	1	.040			09-10
10 53	27.070	40.0	31.0	34	0															0					10-11
11 47	27.030	42.9	32.2	27	0															0					11-12
12 46	27.010	44.8	32.5	20	0															0	8	.090			12-13
13 48	27.000	45.5	32.3	16	0															0					13-14
14 50	26.980	47.8	33.9	15	0															0					14-15
15 50	26.960	45.5	32.2	14	0															0	7	.050			15-16
16 50	26.980	43.3	31.0	18	0															0					16-17
17 50	26.990	37.3	29.9	42	0															0					17-18
18 50	27.000	39.3	30.0	31	0															0	2	.040			18-19
19 50	27.000	39.2	30.0	31	0															0					19-20
20 50	27.000	40.7	30.2	25	0															0					20-21
21 50	27.000	41.2	30.6	25	0															0	4	.000			21-22
22 50	27.000	39.2	30.0	31	0															0					22-23
23 50	26.990	40.3	30.2	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	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ms Ps Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	30	28		X	X	X	X	X	X	X		
	0345	1	0	0	0	30	28		0								
	0944	2	0	0	0	37	27		0								
	1546	3	0	0	0	48	37		0								
	2146	4	0	0	0	46	37		0								
	MID.	X	0	0	0	42	39		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	27.060	27.100	26.960	27.000
BAROGRAPH 64	27.060	27.100	27.000	27.005
BAR. CORR. 65	±.0	±.0	-.040	-.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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	27	0	0	0	24	NE	2144					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0610 P - 1 sec
2325 P - 1 sec

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 9

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (4)	VISIBILITY SURFACE (5)	VISIBILITY TOWER (6)	WEATHER AND OBSTRUCTIONS TO VISION (8)	SEA LEVEL PRESS. (9)	TEMP (10)	DEW PT (11)	WIND DIRECTION (14)	WIND SPEED (15)	WIND CHARACTER (16)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (17)
SA	0050	CLR	20			306	38	10	03	13		043	807	WRG
SA	0150	CLR	20			309	36	10	04	08		043		WRG
SA	0250	CLR	20			303	37	12	04	11		041		WRG
SA	0348	CLR	20			297	35	13	03	10		040	810 35 RADAT 27117	JK
SA	0447	CLR	20			294	36	14	05	12		038		JK
SA	0546	CLR	20			294	38	15	03	15		037		JK
SA	0648	CLR	20			287	38	15	04	12		036	710	JK
SA	0745	CLR	20			287	40	15	04	18		036		JK
SA	0845	CLR	20			288	43	15	04	14		037		JK
SA	0945	CLR	20			286	46	17	04	15		037	103 35	JK
SA	1048	CLR	20			273	52	17	36	07		034		JK
SA	1146	CLR	20			251	55	17	10	08		028		JK
SA	1247	CLR	20			236	56	19	11	10		024	841	JK
SA	1345	CLR	20			228	58	21	13	10		022		JK
SA	1450	CLR	20			220	58	19	12	10		020		JK
SA	1550	CLR	20			211	57	17	13	12		016	824 58 RADAT 22121	WRG
SA	1650	CLR	20			219	53	17	10	11		018	FEW CI DSNT SW	WRG
SA	1750	CLR	20			224	49	21	19	03		019		WRG
SA	1850	CLR	20			227	43	22	02	07		019	110	WRG
SA	1950	CLR	20			222	45	23	04	12		018		WRG
SA	2050	CLR	20			220	45	22	03	10		018		WRG
SA	2150	CLR	20			219	40	24	00	00		018	603 58	WRG
SA	2250	CLR	20			212	44	22	05	15		017		WRG
SA	2350	CLR	20			206	45	21	04	14		016		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following regular aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{tR}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 9

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.980	37.5	29.0	31	0															0	8	.020			00-01
01 50	26.980	36.4	28.2	33	0															0					01-02
02 50	26.970	36.5	28.5	35	0															0					02-03
03 48	26.950	35.2	28.1	40	0															0	8	.030			03-04
04 49	26.940	35.5	28.4	40	0															0					04-05
05 46	26.930	38.0	30.0	38	0															0					05-06
06 48	26.920	37.7	30.0	39	0															0	7	.030			06-07
07 45	26.920	39.9	31.1	35	0															0					07-08
08 45	26.930	43.0	33.0	32	0															0					08-09
09 45	26.930	46.2	35.2	30	0															0	1	.010			09-10
10 48	26.900	52.0	38.5	25	0															0					10-11
11 46	26.850	55.0	40.0	22	0															0					11-12
12 47	26.810	55.8	40.7	23	0															0	8	.120			12-13
13 45	26.790	57.6	42.2	24	0															0					13-14
14 50	26.770	58.1	41.9	21	0															0					14-15
15 50	26.740	57.2	41.1	20	0															0	8	.070			15-16
16 50	26.760	53.2	39.1	24	0															0					16-17
17 50	26.770	49.0	37.9	33	0															0					17-18
18 50	26.770	42.9	34.8	44	0															0	1	.030			18-19
19 50	26.760	45.3	36.3	41	0															0					19-20
20 50	26.760	45.0	36.0	41	0															0					20-21
21 50	26.760	40.4	34.0	52	0															0	6	.010			21-22
22 50	26.750	44.0	35.3	41	0															0					22-23
23 50	26.740	44.6	35.4	39	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	40	35		X	X	X	X	X	X	X		
	0345	1	0	0	0	42	35		0								
	0942	2	0	0	0	46	35		0								
	1546	3	0	0	0	58	46		0								
	2146	4	0	0	0	57	40		0								
	MID.	X	0	0	0	45	40		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.950	26.930	26.740	26.760
BAROGRAPH 64	26.950	26.940	26.760	26.745
BAR. CORR. 65	+.0	*-.010	-.020	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	35	0	0	0	14	NE	0740					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0510 P -1 Sec 2210 -1 Sec

* BAROGRAPH Changed Reset To Zero 0950 P

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-565-076/1093 Region

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 10

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

TYPE	TIME LST	SKY AND CEILING	VISIBILITY SURFACE	VISIBILITY TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP	DEW PT.	WIND DIRECTION	WIND SPEED (KTS.)	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER'S INITIALS
SA	0050	CLR	20			206	42	21	13	07		016	607 1005	WRG
SA	0150	CLR	20			208	38	22	08	03		016	FEW CI SW	WRG
SA	0250	CLR	20			207	39	21	07	03		016	FEW CI SW	WRG
SA	0349	CLR	20			208	38	23	27	05		016	400 100137 RADAT	JC
/													20119	/
SA	0448	CLR	20			204	36	21	36	07		014		JC
SA	0550	CLR	20			207	36	23	12	07		014		JC
SA	0645	CLR	20			216	33	18	14	09		015	503 1001	JC
SA	0748	CLR	20			212	39	21	03	03		015		JC
SA	0845	CLR	20			213	43	23	31	04		016	FEW AC SW	JC
SA	0948	CLR	20			213	46	23	32	06		016	203 1070 33	JC
SA	1049	CLR	20			205	52	24	09	04		015		JC
SA	1152	CLR	20			190	56	23	14	03		012		JC
SA	1251	CLR	20			182	58	25	14	05		010	820 1071	JC
SA	1346	CLR	20			172	60	27	18	07		007		JC
SA	1445	CLR	20			171	60	25	17	04		007		JC
SA	1548	CLR	20			168	59	24	14	06		005	814 1031 62 RADAT 20073	EP
SA	1647	CLR	20			174	54	23	12	07		005		EP
SA	1749	CLR	20			173	48	25	07	05		004		EP
SA	1849	250-SCT	20			177	45	23	09	07		004	603 1031	EP
SA	1950	160 SCT E250 BKN	20			189	45	22	17	05		009		EP
SA	2047	E140 BKN 250 BKN	20			186	45	22	06	05		009		EP
SA	2149	E140 BKN 250 OVC	20			189	44	23	31	10		010	117 1031 62	EP
SA	2250	E120 OVC	20			181	44	24	01	09		009		EP
SA	2350	E120 OVC	20			171	44	25	02	03		007		EP

A synoptic observation, in WMO code format FM11V, is entered on line following remarks aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S. GPO 1980-0-665-115/1108

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 10

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.740	42.2	34.2	43	0	0	Ci	250												0	6	.020			00-01
01 50	26.740	38.3	32.0	51	0															0					01-02
02 50	26.740	38.8	32.2	45	0															0					02-03
03 49	26.740	37.8	32.0	54	0	0	Ci	250												0	4	.000			03-04
04 48	26.720	36.2	30.7	54	0															0					04-05
05 50	26.720	35.8	31.0	60	0															0					05-06
06 45	26.730	33.2	28.0	52	0	0	Ci	250												0	5	.010			06-07
07 48	26.730	37.0	32.3	48	0															0					07-08
08 45	26.740	43.2	35.2	45	0															0					08-09
09 48	26.740	46.3	37.0	40	0	0	Ac	160												0	2	.010			09-10
10 49	26.730	51.7	40.1	34	0															0					10-11
11 52	26.700	55.6	41.7	28	0															0					11-12
12 51	26.680	57.5	43.2	28	0	0	Ac	160	0	Ci	250	0								0	8	.060			12-13
13 46	26.650	58.8	44.8	28	0															0					13-14
14 45	26.650	60.1	44.4	26	0															0					14-15
15 48	26.640	59.0	43.5	25	0	0	Ac	160	0	Ci	250	0								0	8	.040			15-16
16 47	26.640	53.5	40.7	30	0															0					16-17
17 49	26.630	48.2	38.5	40	0															0					17-18
18 49	26.630	44.8	36.0	41	4	0	Ac	160	4	Ci	250	4								2	6	.010			18-19
19 50	26.670	44.6	35.6	40	8															5					19-20
20 47	26.670	45.0	36.0	41	9															9					20-21
21 49	26.680	43.8	35.6	44	10	9	Ac	F140	1	Ci	250	10								9	1	.050			21-22
22 50	26.670	44.0	35.8	44	10															10					22-23
23 50	26.650	43.9	36.2	47	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ms Ps Hs Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	45	37		X	X	X	X	X	X	X		
	0345	1	0	0	0	45	37		0								
	0745	2	0	0	0	49	33		0								
	1544	3	0	0	0	62	46		0								
	2145	4	0	0	0	59	44		0								
	MID.	X	0	0	0	44	43		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.740	26.640	26.650
BAROGRAPH 64	26.720	26.730	26.635	26.660
BAR. CORR. 65	+.020	+.010	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	33	0	0	0	15	NE	0005					0	2		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0926P -1SEC 2200P -1 SEC

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 11

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES & INITIALS (15)
SA	0051	120 SCT E250 OVC	20			167	43	24	22	03		005	614 1037	EP
SA	0149	120 SCT 250- BKN	20			167	40	24	04	06		005		EP
SA	0250	120 SCT 250-- BKN	20			165	43	13	07	04		005		EP
SA	0349	120 SCT E250 OVC	20			161	39	27	12	04		003	807 1077 37 RADAT 35099	JC
SA	0448	E120 BKN 250 OVC	20			164	39	28	21	03		003		JC
SA	0549	120 SCT E250 OVC	20			162	41	28	11	02		002		JC
SA	0648	120 SCT 250 ~~FHAA~~ -OVC	20			162	38	28	17	04		001	807 1071	JC
SA	0750	120 SCT 250 -OVC	20			162	40	26	09	04		001		JC
SA	0855	120 SCT 250- OVC	20			165	44	28	20	05		003		JC
SA	0949	120 SCT E250 OVC	20			161	47	25	19	06		002	003 1076 37	JC
SA	1050	250 - BKN	20			151	52	24	30	05		000		JC
SA	1144	120 SCT E250 OVC	20			134	53	26	24	10		996		JC
SA	1247	120 SCT 250 - BKN	20			124	53	28	27	10		992	830 1071	JC
SA	1349	120 SCT 250 - BKN	20			114	53	29	22	10		989		JC
SA	1443	250 - SCT	20			107	54	33	21	11		988		JC
SA	1549	250 - SCT	20			103	53	32	26	09		986	620 1001 55 RADAT 36099	EP
SA	1648	CLR	20			103	50	31	27	10		985		EP
SA	1750	CLR	20			106	47	31	32	07		986		EP
SA	1848	CLR	20			114	43	29	36	06		987	303 1001	EP
SA	1949	250 - SCT	20			114	41	31	11	05		987		EP
SA	2048	E250 BKN	20			112	44	34	00	00		988		EP
SA	2147	140 SCT E250 OVC	20			111	44	34	12	03		988	103 1037 55	EP
SA	2249	140 SCT 250-OVC	20			118	40	34	05	06		990		EP
SA	2350	140 SCT 250- BKN	20			112	37	32	07	03		988		EP

A synoptic observation, in WMO code format FMI1Y, is entered on line following related aviation observation.

FMI1Y: Ih iii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ $T_dT_dT_dpp$ $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1930-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 11

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.640	42.5	35.2	48	10	3	Ac	120	7	Cs	E250	10								7	6	.040			00-01
01 49	26.640	39.8	33.7	54	9															4					01-02
02 50	26.640	43.2	32.8	29	7															3					02-03
03 49	26.620	39.2	34.1	61	10	5	Ac	120	10	Cs	E250	10								10	8	.020			03-04
04 48	26.620	38.5	34.2	64	10															10					04-05
05 49	26.610	40.7	35.3	59	10															10					05-06
06 48	26.600	38.0	34.0	68	10	3	Ac	120	7	Ci	250	10								3	8	.020			06-07
07 50	26.600	39.8	34.2	57	10															4					07-08
08 51	26.620	44.4	37.5	53	10															3					08-09
09 49	26.610	42.2	38.0	42	10	3	Ac	120	10	Ci	E250	10								6	0	.010			09-10
10 50	26.590	51.8	40.1	34	8															2					10-11
11 44	26.530	52.7	41.0	35	10															9					11-12
12 47	26.520	53.2	41.8	37	9	1	Ac	120	9	Ci	250	9								1	8	.090			12-13
13 49	26.490	53.0	42.0	39	9															1					13-14
14 43	26.480	54.4	44.1	44	3															1					14-15
15 49	26.460	53.0	43.2	45	2	2	Ci	250												1	6	.060			15-16
16 48	26.455	49.9	41.1	47	0															0					16-17
17 50	26.460	46.6	39.5	54	0															0					17-18
18 48	26.470	42.6	36.7	58	0	0	Ci	250												0	3	.010			18-19
19 49	26.470	41.0	36.5	66	3															1					19-20
20 48	26.480	44.2	39.4	67	8															6					20-21
21 47	26.480	43.9	39.5	69	10	2	Ac	140	10	Cs	E250	10								9	1	.010			21-22
22 49	26.500	40.4	37.7	79	10															4					22-23
23 50	26.480	37.0	35.0	83	8															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	44	37	X	X						X		
	0345	1	0	0	0	44	37		0								
	0945	2	0	0	0	49	37		0								
	1545	3	0	0	0	55	47		0								
	2144	4	0	0	0	53	41		0								
	MID.	X	0	0	0	44	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.610	26.460	26.480
BAROGRAPH 64	26.600	26.595	26.455	26.480
BAR. CORR. 65	+.020	+.015	+.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	37	0	0	0	15	SW	1320					7	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0941 P -1 SEC 2055 -1 SEC

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 12

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

TYPE	TIME	SKY AND CEILING	VISIBILITY SURFACE	VISIBILITY TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. Mbs.	TEMP	DEW PT.	WIND DIRECTION	WIND SPEED	WIND CHARACTER	ALTIMETER SET. TINC	REMARKS AND SUPPLEMENTAL CODED DATA	OB. SERVER'S INITIALS
SA	0048	250 SCT	20			110	35	32	04	07		987	803 1001	EP
SA	0147	250 - OVC	20			112	36	32	00	00		988		EP
SA	0250	E140 BKN 250 OVC	20			113	42	21	01	10		989		EP
SA	0349	E100 OVC	20			109	40	25	23	03		988	003 107/35 RAPAT	JC
/													20081	/
SA	0447	E100 OVC	20			109	39	26	36	04		987		JC
SA	0544	E100 OVC	20			110	40	22	03	05		987	BINOVC W	JC
SA	0643	E100 BKN	20			120	40	21	35	06		989	303 1070	JC
SA	0745	E100 BKN	20			144	39	24	04	15		996	PRESRR	JC
SA	0846	E100 OVC	20			162	40	23	04	10		001		JC
SA	0949	E90 BKN 250 BKN	20			172	42	19	02	20	630	004	147 107135	JC
SA	1044	90 SCT	20			179	46	19	01	18	629	007		JC
SA	1145	70 SCT	20			180	48	20	03	16	627	007		JC
SA	1249	70 SCT	20			174	48	23	03	15	624	004	000 1100	JC
SA	1346	CLR	20			176	49	17	02	12	621	005		JC
SA	1443	CLR	20			173	49	18	03	17	624	005		JC
SA	1549	CLR	20			175	47	14	03	18	624	005	103 49 RAPAT 40063	EP
SA	1648	CLR	20			176	46	13	03	20	625	005		EP
SA	1749	CLR	20			188	45	11	02	16	621	009		EP
SA	1849	CLR	20			205	42	12	06	11		013	324	EP
SA	1947	CLR	20			206	40	16	04	12		013		EP
SA	2046	CLR	20			214	39	14	04	14		015		EP
SA	2147	CLR	20			217	38	15	05	12		016	310 49	EP
SA	2246	CLR	20			228	37	16	06	11		020		EP
SA	2346	CLR	20			224	35	16	03	10		018		EP

A synoptic observation, in WMO code format FM11V, is entered on line following ie and location observation.

FM11V: IIIi Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 12

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.490	35.0	33.5	87	1	1	Ci	250												1	8	.010			00-01
01 47	26.480	35.8	34.0	84	10															3					01-02
02 50	26.490	41.8	33.9	44	10															7					02-03
03 49	26.480	39.9	34.0	55	10	10	Ac	6700												10	0	.000			03-04
04 47	26.470	39.0	33.8	60	10															10					04-05
05 44	26.470	40.1	33.2	49	10															10					05-06
06 43	26.490	40.1	32.9	46	9	9	Ac	6700												8	3	.010			06-07
07 45	26.550	39.0	33.0	53	9															8					07-08
08 46	26.600	39.8	33.4	51	10															9					08-09
09 49	26.630	41.8	33.2	39	6	6	Ac	6900	0	Ci	250	6								4	1	.140			09-10
10 44	26.650	45.6	35.4	34	1															1					10-11
11 45	26.650	42.8	36.5	33	2															2					11-12
12 49	26.630	48.4	38.2	32	2	2	Cu	70												2	0	.000			12-13
13 46	26.640	48.8	36.8	28	0															0					13-14
14 43	26.670	48.6	36.9	29	0															0					14-15
15 49	26.640	47.3	35.2	25	0															0	1	.010			15-16
16 48	26.640	45.6	34.2	27	0															0					16-17
17 49	26.670	44.8	33.2	24	0															0					17-18
18 49	26.710	41.9	31.7	29	0															0	3	.070			18-19
19 47	26.710	38.7	31.2	37	0															0					19-20
20 46	26.730	38.7	30.2	35	0															0					20-21
21 47	26.740	38.0	30.0	38	0															0	3	.030			21-22
22 46	26.770	36.6	29.5	42	0															0					22-23
23 46	26.760	34.0	28.5	47	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	42	35	X	X						X		
	0345	1	0	0	0	44	35		0								
	0945	2	0	0	0	43	38		0								
	1544	3	0	0	0	49	42		0								
	2144	4	0	0	0	47	38		0								
	MID.	X	0	0	0	38	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.650	26.640	26.740
BAROGRAPH 64	26.460	26.610	26.630	26.730
BAR. CORR. 65	+.020	+.020	+.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
49	35	0	0	0	30	N	0944					4	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0947 P ON TIME 2200 P ON TIME

MF1-10B

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1982 JAN 13

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0049	CLR	20			228	33	15	04	12		020	110	EP
SA	0145	CLR	20			235	32	16	05	12		022		EP
SA	0250	CLR	20			238	35	16	05	06		023		EP
SA	0349	CLR	20			246	31	15	01	11		024	114 30 RADAT 31064	JC
SA	0445	CLR	20			254	31	12	05	10		026		JC
SA	0544	CLR	20			252	35	12	04	10		026		JC
SA	0647	CLR	20			261	36	13	03	06		028	214 1001	JC
SA	0748	CLR	20			273	39	14	06	13		032		JC
SA	0849	CLR	20			278	41	16	09	13		034		JC
SA	0952	CLR	20			288	43	15	06	11		037	227 1001 30	JC
SA	1047	CLR	20			288	45	16	01	07		037		JC
SA	1146	CLR	20			278	48	15	05	14		034		JC
SA	1246	CLR	20			265	51	18	05	12		031	820 1001	JC
SA	1347	CLR	20			265	52	24	06	07		031		JC
SA	1445	CLR	20			262	52	25	05	11		031		JC
SA	1547	CLR	20			261	53	19	05	13		030	803 1001 53 RADAT 30100	EP
SA	1648	CLR	20			262	50	18	09	08		030		EP
SA	1746	CLR	20			262	46	19	07	07		030		EP
SA	1850	CLR	20			270	40	21	02	10		031	303	EP
SA	1948	CLR	20			269	40	21	01	13		031		EP
SA	2049	CLR	20			266	41	22	02	12		031		EP
SA	2150	CLR	20			265	40	22	05	10		031	400 1001 53	EP
SA	2250	CLR	20			262	39	23	10	05		030		EP
SA	2350	CLR	20			255	35	21	35	07		027		EP

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

FMIIYY $N_hC_LhC_MC_H$ $T_gT_ggg_{00}$ $SE_0P_0P_0P_0$ $3RRR_{ts}$ $8N_sC_ah_s$ $3S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $5P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.770	33.2	27.4	47	0															0	1	.030			00-01
01 45	26.790	32.3	27.0	50	0															0					01-02
02 50	26.800	34.7	28.5	46	0															0					02-03
03 49	26.810	31.1	26.0	50	0															0	1	.040			03-04
04 45	26.830	31.7	25.7	45	0															0					04-05
05 44	26.840	35.3	27.5	37	0															0					05-06
06 47	26.850	36.4	28.8	38	0	0	Ci	250												0	2	.040			06-07
07 48	26.880	38.6	33.2	36	0															0					07-08
08 49	26.900	41.0	32.1	36	0															0					08-09
09 52	26.930	43.0	32.1	32	0	0	Ci	250												0	2	.080			09-10
10 47	26.930	44.8	34.2	30	0															0					10-11
11 46	26.900	47.6	36.4	31	0															0					11-12
12 46	26.870	50.5	35.1	27	0	0	Ci	250												0	8	.060			12-13
13 47	26.870	51.6	39.5	33	0															0					13-14
14 45	26.870	51.9	40.0	33	0															0					14-15
15 47	26.860	52.6	39.3	27	0	0	Ci	250												0	8	.010			15-16
16 48	26.860	50.0	37.5	27	0															0					16-17
17 46	26.860	46.1	35.5	34	0															0					17-18
18 50	26.870	40.3	33.0	46	0															0	3	.010			18-19
19 48	26.870	40.3	33.1	46	0															0					19-20
20 49	26.870	41.2	33.7	45	0															0					20-21
21 50	26.870	40.0	33.0	47	0	0	Ci	250												0	4	.000			21-22
22 50	26.860	38.5	32.5	53	0															0					22-23
23 50	26.840	34.5	29.5	56	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		0	0		35	30										
	0345	1	0	0	0	38	30		0								
	0945	2	0	0	0	44	31		0								
	1544	3	0	0	0	53	43		0								
	2145	4	0	0	0	53	40		0								
	MID.		0	0	0	40	34										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.830	26.860	26.870
BAROGRAPH 64	26.790	26.830	26.880	26.870
BAR. CORR. 65	+.020	+.0	-.020	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	30	0	0	0	20	NE	1118					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0852P ON TIME 2150 ON TIME

MF1-10B

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1982 JAN 14

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

TYPE	TIME LST	SKY AND CEILING	VISIBILITY SURFACE	VISIBILITY TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP	DEW PT.	WIND DIRECTION	WIND SPEED	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OBS. INITIALS
SA	0049	CLR	20			254	33	19	04	04		027	610	EP
SA	0146	CLR	20			254	31	20	08	04		027		EP
SA	0250	CLR	20			254	32	19	10	05		027		EP
SA	0350	CLR	20			250	32	19	10	04		026	803 31 RADAT 35102	JD
SA	0448	CLR	20			245	29	~~18~~ 19	12	04		024		JD
SA	0549	CLR	20			247	29	19	10	04		024		JD
SA	0648	CLR	20			248	33	19	35	05		024	607 1001	JD
SA	0747	250 -SCT	20			251	31	21	08	02		025		JD
SA	0848	250 -SCT	20			249	38	23	09	02		025		JD
SA	0948	250 -SCT	20			240	44	27	14	03		024	302 1006 29	JD
SA	1049	250 -BKN	20			226	48	23	26	03		020		JD
SA	1149	250 -OVC	20			214	51	23	20	04		016		JD
SA	1249	250 -OVC	20			203	52	21	20	06		013	732 1007	JD
SA	1348	250 -OVC	20			194	54	22	18	03		011		JD
SA	1451	250 -OVC	20			187	54	22	22	04		008		JD
SA	1546	250 -OVC	20			184	54	20	21	04		005	617 1007 56 RADAT 30106	RK
SA	1645	250 -OVC	20			185	51	20	22	05		007		RK
SA	1754	250 -OVC	20			193	44	22	10	03		008		RK
SA	1846	250 -OVC	20			197	40	23	05	05		009	305 1007	RK
SA	1945	250 -BKN	20			199	38	23	16	03		009		RK
SA	2045	250 -BKN	20			200	37	21	16	04		011		RK
SA	2145	250 -SCT	20			197	36	22	20	03		011	305 1001 56	RK
SA	2245	CLR	20			195	34	20	00	04		011		RK
SA	2345	CLR	20			190	34	20	00	00		009		RK

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

FMT-V 1. NHHH VVxxW PPPTT 4h0LFCwCH $T_gT_gg_{00}$ $SP_sP_sP_sP_s$ 1RRR$_s$ 8N$_s$Ch$_s$h$_s$ 9SpSpspsp 2$P_{24}P_{24}P_{24}P_{24}$ 3$P_wP_wH_wH_w$ 4$d_wd_wP_wH_wH_w$ 5$T_sT_sT_nT_n$

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 14

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.840	33.0	28.2	56	0															0	6	.030			00-01
01 46	26.840	30.9	27.2	63	0															0					01-02
02 50	26.840	32.0	27.6	58	0															0					02-03
03 50	26.830	31.5	27.4	60	0															0	8	.010			03-04
04 48	26.810	29.1	25.9	66	0															0					04-05
05 49	26.810	29.2	25.9	64	0															0					05-06
06 48	26.810	32.9	28.1	56	0	0	Ci	250												0	6	.020			06-07
07 47	26.815	31.2	27.5	66	1															0					07-08
08 48	26.820	37.5	31.9	55	1															0					08-09
09 48	26.805	44.3	37.1	51	4	4	Cs	250												0	8	.005			09-10
10 49	26.775	48.3	38.0	37	9															0					10-11
11 46	26.740	51.2	37.4	32	10															0					11-12
12 49	26.710	51.9	39.3	29	10	10	Cs	250												0	7	.005			12-13
13 45	26.685	54.3	40.8	25	10															1					13-14
14 51	26.670	54.4	40.9	25	10															2					14-15
15 46	26.660	53.7	40.0	26	10	10	Cs	250												2	6	.050			15-16
16 45	26.665	50.8	38.6	30	10															2					16-17
17 54	26.665	43.5	35.0	42	10															2					17-18
18 46	26.675	40.4	33.7	50	10	10	Cs	250												2	3	.015			18-19
19 45	26.675	38.3	33.3	53	7															1					19-20
20 45	26.685	37.2	31.1	51	7															1					20-21
21 45	26.690	36.3	30.8	55	3	3	Ci	250												1	3	.015			21-22
22 45	26.685	33.5	28.8	57	0															0					22-23
23 45	26.675	33.9	29.1	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 0341	X	0	0	X	35	31	X	X						X		
	0341	1	0	0	0	40	31		0								
	0944	2	0	0	0	44	29		0								
	1543	3	0	0	0	56	44		0								
	2142	4	0	0	0	54	36		0								
	MID.	X	0	0	0	36	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.805	26.660	26.690
BAROGRAPH 64	26.845	25.820	26.680	26.695
BAR. CORR. 65	-.015	-.015	-.020	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	29	0	0	0	11	SW	1207					5	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: Clock: 0553P ON TIME 2004P ON TIME

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 15

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

TYPE	TIME LST	SKY AND CEILING	VISIBILITY (MI) SURFACE	VISIBILITY (MI) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (MB)	TEMP (F)	DEW PT (F)	WIND DIRECTION (DEG)	WIND SPEED (KT)	WIND CHARACTER	ALTIMETER SETTING (INS)	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER'S INITIALS
SA	0045	CLR	20			187	31	20	08	03		008	808	RK
SA	0145	CLR	20			184	34	18	00	00		008		RK
SA	0251	CLR	20			185	31	18	11	07		008		RK
SA	0349	CLR	20			195	32	21	12	03		011	308 30 RADAT 56L038101	JD
SA	0448	CLR	20			195	31	21	16	03		011		JD
SA	0547	CLR	20			205	35	19	36	07		013		JD
SA	0649	CLR	20			206	41	19	04	11		014	308	JD
SA	0748	CLR	20			217	41	19	23	03		016		JD
SA	0847	CLR	20			224	47	18	03	06	6 13	018		JD
SA	0949	CLR	20			226	49	18	02	14		019	219 30	JD
SA	1047	CLR	20			220	53	18	07	07		018		JD
SA	1147	CLR	20			202	56	16	02	13		014		JD
SA	1247	CLR	20			194	56	15	04	06		011	827 1005	JD
SA	1347	250 -SCT	20			186	58	15	03	04		009		JD
SA	1450	250 -SCT	20			189	59	15	07	06		009		JD
SA	1545	250 -SCT	20			187	60	10	05	06		010	503 1008 60 RADAT 20101	RK
SA	1650	250 -SCT	20			198	54	14	03	06		012		RK
SA	1750	CLR	20			205	47	14	06	04		013		RK
SA	1845	CLR	20			206	45	15	03	10		014	214	RK
SA	1945	CLR	20			211	43	13	00	00		015		RK
SA	2048	CLR	20			215	43	14	08	08		017		RK
SA	2145	CLR	20			223	43	15	29	03		020	219 60	RK
SA	2246	CLR	20			224	40	15	08	06		020		RK
SA	2345	250 -SCT	20			216	41	13	00	00		019		RK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIIII NddII VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_psp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/4108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 15

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.665	31.3	27.5	62	0															0	8	.025				00-01
01 45	26.665	33.6	28.4	53	0															0						01-02
02 51	26.665	31.4	27.1	58	0															0						02-03
03 49	26.690	31.8	28.2	65	0															0	3	.025				03-04
04 48	26.685	31.3	27.8	65	0															0						04-05
05 47	26.705	34.6	29.1	52	0															0						05-06
06 49	26.715	41.0	32.8	41	0															0	3	.025				06-07
07 48	26.740	41.3	33.0	40	0															0						07-08
08 47	26.760	46.8	35.2	31	0															0						08-09
09 49	26.770	49.4	37.2	28	0															0	2	.055				09-10
10 47	26.755	52.8	39.0	25	0															0						10-11
11 47	26.715	56.0	40.3	21	0															0						11-12
12 47	26.690	56.1	40.2	20	0	0	15	250												0	8	.080				12-13
13 47	26.675	57.7	41.0	19	1															0						13-14
14 50	26.680	58.5	41.3	18	3															0						14-15
15 45	26.680	60.1	41.3	14	3	3	08	250												0	5	.010				15-16
16 50	26.700	54.1	35.9	20	3															0						16-17
17 50	26.710	47.1	35.1	26	0															0						17-18
18 45	26.720	44.7	34.0	30	0															0	2	.040				18-19
19 45	26.730	43.2	32.7	29	0															0						19-20
20 48	26.750	43.1	32.9	30	0															0						20-21
21 45	26.775	42.0	32.0	31	0															0	2	.055				21-22
22 46	26.775	39.5	31.0	37	0															0						22-23
23 45	26.765	40.5	31.2	31	3															0						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	34	30	X	X						X		
	0344	1	0	0	0	36	30		0								
	0744	2	0	0	0	49	31		0								
	1542	3	0	0	0	60	49		0								
	2142	4	0	0	0	60	41		0								
	MID.	X	0	0	0	44	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1545	2145
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.770	26.685	26.775
BAROGRAPH 64	26.675	26.760	26.695	26.770
BAR. CORR. 65	+.015	+.010	-.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
60	30	0	0	0	23	N	0550					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: Clock: +0130 POR TIME / 0550P ON TIME

MF1-10B

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 16

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	250 -SCT	20			217	37	15	11	08		018	805 1006	RK
SA	0145	250 -BKN	20			220	36	15	05	06		020		RK
SA	0254	250 -BKN	20			220	36	16	12	03		020		RK
SA	0348	300 -BKN	20			220	34	15	10	04		019	103 1008 33 RADAT 46103	JD
SA	0449	300 -BKN	20			225	32	16	10	04		019		JD
SA	0547	300 -OVC	20			230	33	14	09	03		020		JD
SA	0647	300 -OVC	20			240	32	14	09	05		022	307 1007	JD
SA	0748	300 -OVC	20			246	35	15	09	07		024		JD
SA	0847	300 -OVC	20			243	40	19	32	05		024		JD
SA	0949	300 -OVC	20			238	49	17	12	04		024	007 1007 31	JD
SA	1049	300 -OVC	20			228	54	13	04	10		022		JD
SA	1148	300 -OVC	20			216	57	15	23	07		019		JD
SA	1247	300 -OVC	20			206	57	16	21	05		016	725 1007	JD
SA	1348	300 -OVC	20			205	59	15	23	07		015		JD
SA	1450	300 -OVC	20			200	59	12	24	05		014		JD
SA	1545	300 -OVC	20			200	60	9	23	05		014	605 1007 60 RADAT 63123	RK
SA	1648	300 -OVC	20			204	57	11	25	04		014		RK
SA	1745	300 -OVC	20			213	53	8	00	00		016		RK
SA	1845	300 -SCT	20			222	45	14	09	05		017	105 1008	RK
SA	1945	CLR	20			220	43	18	24	04		016		RK
SA	2045	CLR	20			222	40	15	06	03		017		RK
SA	2145	CLR	20			218	37	16	00	00		017	302 1001 60	RK
SA	2245	CLR	20			212	36	15	12	05		016		RK
SA	2345	CLR	20			207	35	14	14	03		015		RK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR$_{ts}$ $8N_sCh\ h_s$ 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 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 16

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.760	36.6	29.3	41	4	4	Cs	250												2	8	015			00-01
01 45	26.770	35.7	28.5	43	6															3					01-02
02 54	26.770	36.1	29.3	44	6															2					02-03
03 45	26.770	34.4	28.1	45	7	7	Cs	300												0	1	.010			03-04
04 49	26.770	32.0	26.3	50	8															0					04-05
05 47	26.775	33.2	27.2	45	10															1					05-06
06 47	26.790	31.6	26.1	47	10	10	Cs	300												1	3	.020			06-07
07 48	26.810	34.5	28.2	45	10															2					07-08
08 47	26.810	39.6	31.9	43	10															2					08-09
09 49	26.810	49.1	36.9	28	10	10	Cs	300												1	0	.020			09-10
10 49	26.790	53.9	38.7	20	10															1					10-11
11 48	26.765	57.6	40.6	19	10															2					11-12
12 47	26.735	57.1	40.8	20	10	10	Cs	300												3	7	.075			12-13
13 48	26.730	58.9	41.6	17	10															3					13-14
14 50	26.720	58.0	41.1	16	10															2					14-15
15 45	26.720	60.0	41.0	13	10	10	Cs	300												2	6	.015			15-16
16 45	26.730	57.1	39.9	16	10															2					16-17
17 45	26.740	53.1	37.4	16	10															2					17-18
18 45	26.745	44.8	33.9	28	5	5	Cs	300												1	1	.025			18-19
19 45	26.740	43.1	33.7	35	0															0					19-20
20 45	26.750	39.6	31.0	36	0															0					20-21
21 45	26.750	37.2	29.9	42	0	0	Ci	300												0	3	.005			21-22
22 45	26.740	36.0	29.0	42	0															0					22-23
23 45	26.730	35.1	28.2	41	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 0344	X	0	0	X	41	33	X	X						X		
	0344	1	0	0	0	44	33		0								
	0944	2	0	0	0	49	31		0								
	1542	3	0	0	0	60	49		0								
	2142	4	0	0	0	60	37		0								
	MID.	X	0	0	0	37	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.770	26.810	26.720	26.750
BAROGRAPH 64	26.765	26.810	26.720	26.745
BAR. CORR. 65	+005	0	0	+005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	31	0	0	0	13	NE	0942					10	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK: 0016 P +1 Sec / 0550 P ON TIME

MF1-10B

☆ U.S. Government Printing Office: 1979—665-010/1153 Region No. 6.

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 17

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundred of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			203	33	14	03	05		014	710	RK
SA	0145	CLR	20			195	32	15	00	00		012		RK
SA	0252	CLR	20			190	34	12	10	07		011		RK
SA	0349	CLR	20			184	32	17	13	03		009	717 31 RADAT 22116	HS
SA	0449	CLR	20			183	29	17	13	02		008		HS
SA	0549	CLR	20			184	31	16	13	05		008		HS
SA	0650	CLR	20			191	29	15	14	05		008	603	HS
SA	0746	CLR	20			190	33	19	11	02		008		HS
SA	0850	CLR	20			178	42	13	11	02		005		HS
SA	0950	CLR	20			176	48	14	12	02		005	607 28	HS
SA	1049	CLR	20			166	53	13	26	03		003		HS
SA	1150	CLR	20			145	57	15	25	06		998		HS
SA	1251	CLR	20			126	58	14	24	09		992	841 1001	HS
SA	1353	CLR	20			119	60	14	25	09		990		HS
SA	1450	250 - SCT	20			118	60	14	24	08		990		HS
SA	1548	250 - BKN	20			112	59	14	22	07		987	714 1056 60 RADAT	MR
/													28107	/
SA	1645	140 SCT E 250 OVC	20			116	54	15	23	04		987		MR
SA	1747	150 SCT E250 OVC	20			119	48	14	35	02		987		MR
SA	1845	150 SCT E250 OVC	20		121	115	47	14	01	05		987	400 1072	MR
SA	1948	E150 BKN 250 OVC	20			122	46	16	35	06		988		MR
SA	2047	150 SCT 250-OVC	20			117	44	17	05	04		988		MR
SA	2147	250 - OVC	20			116	42	14	06	02		988	103 1077 60	MR
SA	2247	250 - OVC	20			103	41	15	11	05		986		MR
SA	2346	250 - OVC	20			101	37	16	08	03		985		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 17

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.720	33.4	27.3	45	0															0	7	0.30			00-01
01 45	26.700	32.1	26.6	48	0															0					01-02
02 52	26.690	33.7	26.9	40	0															0					02-03
03 49	26.670	32.2	27.3	54	0															0	7	.050			03-04
04 49	26.660	28.6	25.0	61	0															0					04-05
05 49	26.660	31.4	26.6	53	0															0					05-06
06 50	26.660	28.7	24.7	57	0															0	6	.010			06-07
07 46	26.660	32.8	28.0	55	0															0					07-08
08 50	26.640	42.2	32.1	30	0															0					08-09
09 50	26.640	47.7	35.4	25	0															0	6	.020			09-10
10 49	26.620	53.3	38.4	20	0															0					10-11
11 50	26.570	56.6	40.4	19	0															0					11-12
12 51	26.520	58.4	41.2	17	0	0	Ci	250												0	8	.120			12-13
13 53	26.500	59.8	41.8	16	0															0					13-14
14 50	26.500	59.5	41.6	16	2															1					14-15
15 48	26.480	58.5	41.1	17	9	0	Ac	180	9	Ci	250	9								2	7	.040			15-16
16 45	26.480	53.8	38.9	21	10															7					16-17
17 47	26.480	48.0	35.7	26	10															6					17-18
18 45	26.480	46.9	35.1	26	10	4	Ac	150	6	Ci	E250	10								7	4	.000			18-19
19 48	26.490	46.0	34.9	29	10															8					19-20
20 47	26.490	44.3	34.3	33	10															5					20-21
21 47	26.490	42.2	32.4	32	10	0	Ac	150	10	Cs	250	10								2	1	.010			21-22
22 47	26.465	41.3	32.0	34	10															1					22-23
23 46	26.460	37.4	30.0	41	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	35	31	X	X						X		
	0344	1	0	0	0	37	31		0								
	0945	2	0	0	0	50	28		0								
	1543	3	0	0	0	60	48		0								
	2142	4	0	0	0	59	41		0								
	MID.	X	0	0	0	42	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.640	26.480	26.495
BAROGRAPH 64	26.670	26.640	26.485	26.485
BAR. CORR. 65	±0	±0	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	28	0	0	0	13	SW	1423					1	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK: AT 0020P ON TIME / 0955P ON TIME

*BAROGRAPH CHANGED

CLOCK: 1752P -1 SEC

MF1-10B

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 18

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0047	250 - OVC	20			097	37	17	08	02		984	614 1007	MR
SA	0145	250 - OVC	20			097	37	17	09	02		984		MR
SA	0250	170 SCT E250 OVC	20			092	37	16	06	04		983		MR
SA	0350	E250 OVC	20			093	35	21	27	02		983	603 1007 35 RADAT 33095	HS
SA	0448	E250 OVC	20			090	34	20	11	06		981		HS
SA	0550	E250 OVC	20			096	36	21	08	04		982		HS
SA	0652	E250 OVC	20			103	39	20	13	07		984	303 1007	HS
SA	0748	E250 OVC	20			104	39	18	11	10		984		HS
SA	0849	170 SCT E250 OVC	20			105	44	16	02	04		986		HS
SA	0950	170 SCT 250 - ~~BK~~ OVC	20			102	51	13	20	03		986	10~~2~~3 1077 34	HS
SA	1050	170 SCT 250 - OVC	20			089	56	14	19	16	G24	982		HS
SA	1149	170 SCT 250 - OVC	20			081	58	12	19	14	G24	980		HS
SA	1252	170 SCT 250 - BKN	20			074	59	16	18	11	G24	978	724 1078	HS
SA	1349	170 SCT E250 BKN	20			070	57	17	18	17	G28	977		HS
SA	1450	170 SCT E250 BKN	20			070	57	17	17	19	G30	977		HS
SA	1549	E170 BKN 250 OVC	20			073	55	15	19	18	G26	977	603 1052 59 RADAT 38080	MR
SA	1645	170 SCT E250 BKN	20			075	54	16	20	15	G23	977		MR
SA	1747	170 SCT E250 OVC	20			077	51	17	21	12		977		MR
SA	1849	250 - OVC	20			076	51	19	22	09		977	102 1001	MR
SA	1950	250 - BKN	20			079	49	17	20	08		978		MR
SA	2047	250 - BKN	20			076	48	12	17	05		978		MR
SA	2148	250 - SCT	20			080	45	18	19	03		979	307 1001 59	MR
SA	2247	CLR	20			082	46	11	22	12		981		MR
SA	2348	CLR	20			079	46	11	20	16		980		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspso$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 18

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.450	36.8	30.0	45	10	10	CS	250												4	6	.040			00-01
01 45	26.450	37.0	30.0	44	10															5					01-02
02 50	26.440	37.4	30.0	41	10															8					02-03
03 50	26.440	35.3	30.0	55	10	10	CS	E250												7	6	.010			03-04
04 48	26.420	34.2	29.2	56	10															6					04-05
05 50	26.430	35.6	30.2	55	10															6					05-06
06 52	26.450	39.2	31.9	45	10	10	CS	E250												7	3	.010			06-07
07 48	26.450	39.0	31.3	42	10															7					07-08
08 49	26.460	44.3	34.1	32	10															6					08-09
09 50	26.460	50.6	36.9	21	10	1	Ac	170	9	Cs	250	10								5	1	.010			09-10
10 50	26.430	56.3	40.0	18	10															4					10-11
11 49	26.410	58.0	40.6	16	10															4					11-12
12 52	26.390	59.7	41.6	18	9	2	Ac	170	7	Cs	250	9								4	7	.070			12-13
13 49	26.380	57.3	41.1	20	9															6					13-14
14 50	26.380	57.2	41.1	20	9															6					14-15
15 49	26.380	55.4	39.8	20	10	6	Ac	E170	4	Ci	250	10								8	6	.010			15-16
16 45	26.380	53.6	39.0	22	9															6					16-17
17 47	26.385	51.4	38.1	25	10															6					17-18
18 49	26.385	50.5	38.0	28	10	10	Ci	250												3	1	.005			18-19
19 50	26.390	49.1	35.9	28	7															1					19-20
20 47	26.390	47.7	35.0	23	7															1					20-21
21 48	26.405	45.4	35.1	33	1	1	Ci	250												0	3	.020			21-22
22 47	26.420	46.0	34.0	24	0															0					22-23
23 48	26.415	46.3	34.2	24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	37	35	X	X						X		
	0345	1	6	0	0	42	35		0								
	0945	2	0	0	0	51	34		0								
	1543	3	0	0	0	59	51		0								
	2143	4	0	0	0	56	45		0								
	MID.	X	0	0	0	47	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.460	26.380	26.405
BAROGRAPH 64	26.430	26.450	26.370	26.385
BAR. CORR. 65	+.010	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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	33	SW	1313					108	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0951P - ON TIME / 1752P ON TIME

MF1-10B

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 19

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0048	CLR	20			076	46	8	22	14		979	000	MR
SA	0146	CLR	20			084	42	14	22	12		981		MR
SA	0250	CLR	20			090	36	12	34	05		982		MR
SA	0350	CLR	20			091	36	16	33	06		982	108 36 RADAT 20074	HS
SA	0450	CLR	20			092	36	13	31	05		982		HS
SA	0547	CLR	20			097	37	11	24	10		983		HS
SA	0650	CLR	20			101	37	11	23	18		984	307	HS
SA	0749	CLR	20			105	38	13	23	13		986		HS
SA	0850	CLR	20			104	44	6	20	15	G22	986		HS
SA	0951	CLR	20			108	46	5	19	19		987	207 36	HS
SA	1051	CLR	20			106	47	5	21	17	G24	987	SC S~~W~~E	HS
SA	1150	CLR	20			094	48	9	18	16	G28	983	SC SE SW NW	HS
SA	1250	CLR	20			086	48	14	19	17	G30	981	SC ALQD5817/500	HS
SA	1350	70 SCT	20			089	49	16	23	14	G22	981		HS
SA	1450	70 SCT 250-SCT	20			094	46	18	19	13		981		HS
SA	1548	70 SCT 160 SCT E250 BKN	20		090	083	46	17	19	15	G26	980	ACSL W 803 1542 49	MR
/													RADAT 42058	/
SA	1651	70 SCT 160 SCT 250-BKN	20			097	44	16	20	15	G23	981		MR
SA	1745	140 SCT E200 BKN 250 OVC	20			099	43	17	18	14		982		MR
SA	1849	E180 BKN 250 OVC	20			106	43	11	20	12	G24	984	314 1072	MR
SA	1951	180 SCT E250 OVC	20			102	42	13	17	14	G22	983		MR
SA	2045	CLR	20			101	40	17	18	~~0~~14		983		MR
SA	2147	CLR	20			096	40	18	20	19	G30	982	707 49	MR
SA	2246	250-SCT	20			086	40	18	20	21	G35	980		MR
SA	2350	250-OVC	20			075	41	16	21	24	G31	976	PK WND 1937/22	MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 19

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.405	45.7	33.2	21	0															0	0	.000			00-01
01 46	26.420	42.0	32.3	32	0															0					01-02
02 50	26.430	35.6	28.2	38	0															0					02-03
03 50	26.430	35.9	29.1	44	0															0	1	.025			03-04
04 50	26.430	36.1	28.6	38	0															0					04-05
05 47	26.440	36.8	28.6	34	0															0					05-06
06 50	26.450	37.0	28.8	34	0															0	3	.020			06-07
07 49	26.460	38.3	29.8	35	0															0					07-08
08 50	26.460	43.7	31.6	21	0															0					08-09
09 51	26.470	45.6	32.7	18	0															0	2	.020			09-10
10 51	26.470	46.7	33.4	18	0															0					10-11
11 50	26.440	47.6	34.5	20	0															0					11-12
12 50	26.420	48.0	35.7	25	0	0	Sc	70												0	8	.050			12-13
13 50	26.420	48.8	36.6	27	1															1					13-14
14 50	26.420	46.4	35.6	32	2															1					14-15
15 48	26.410	45.6	35.0	31	9	1	Sc	70	0	Acsl	160	1	8	Ci	E250	9				7	8	.010			15-16
16 51	26.425	43.8	33.8	33	9															4					16-17
17 45	26.430	43.0	33.4	34	10															9					17-18
18 49	26.450	42.6	32.0	27	10	0	Ac	140	8	As	E180	8	2	Ci	250	10				10	3	.040			18-19
19 51	26.440	42.2	32.2	30	10															8					19-20
20 45	26.440	40.2	32.0	39	0															0					20-21
21 47	26.430	40.2	32.1	40	0															0	7	.020			21-22
22 46	26.410	40.2	31.9	40	1															0					22-23
23 50	26.380	40.5	31.7	36	10															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	46	36	X	X						X		
	0345	1	0	0	0	47	36		0								
	0946	2	0	0	0	47	36		0								
	1543	3	0	0	0	49	46		0								
	2142	4	0	0	0	46	40		0								
	MID.	X	0	0	0	41	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.470	26.410	26.430
BAROGRAPH 64	26.410	26.460	26.420	26.420
BAR. CORR. 65	+.020	+.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
49	36	0	0	0	37	5	2322					2	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0952P - ON TIME / 1654P ON TIME

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 20

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (5) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (6)	SEA LEVEL PRESS. (7)	TEMP. (8)	DEW PT. (9)	WIND DIRECTION (10)	WIND SPEED (11)	WIND CHARACTER (12)	ALTIMETER SETTING (13)	REMARKS AND SUPPLEMENTAL CODED DATA (14)	OBSERVER'S INITIALS (15)
SA	0049	E170 BKN 250 OVC	20			084	40	16	20	23	G32	979	508 1011	MR
SA	0148	E150 OVC	20			097	40	17	19	17	G24	983		MR
SP	0226	E 25 OVC	23		SW-				20	14	G23	984		MR
SP	0245	E 40 OVC	4		SW-				20	10		984		MR
SA	0250	E 40 OVC	4		SW-	106	33	30	19	11		984	SB24	MR
SP	0310	E40 OVC	10						20	13		984	SE09	CG
SA	0352	E40 OVC	20			097	37	28	19	18		982	SE09 / 00800 1500	CG
/													33 RADAT 89038	/
SA	0451	40 SCT	20			095	36	28	20	20		981		CG
SA	0549	40 SCT E250 BKN	20			091	37	28	20	19	G27	980		CG
SA	0647	30 SCT E250 OVC	20			091	37	28	20	12	G21	980	607 1508	CG
SA	0751	30 SCT 250 SCT	20			095	38	28	21	13		981		CG
SA	0852	E30 BKN	20			099	39	29	21	16	G24	982		CG
SA	0951	30 ~~P~~SCT E150 BKN	20			098	41	26	21	17	G27	982	107 1570 33	CG
SA	1048	E30 BKN	20			098	41	29	21	17	G26	982		CG
SA	1147	E30 OVC	20			086	41	33	20	15	G24	979		CG
SA	1247	E30 BKN 150 OVC	20			070	43	30	19	20	G29	974	824 157/	CG
SA	1346	E30 OVC	20			055	44	29	19	19	G28	970		CG
SA	1448	E30 OVC	20			044	43	31	19	15	G24	965		CG
SA	1547	E30 OVC	7		RW-	~~034~~ 048	40	35	19	16	G29	967	RB40 / 52400 1511	SH
	—		—			—						—	44 RADAT 72058	—
SA	1645	E30 BKN 80 OVC	15			040	39	35	18	14	G23	964	12E20	SH
SP	1714	E20 OVC	10		RW-				18	12	G30	964	RB05	SH
SA	1746	E25 OVC	20			028	40	34	17	16		961	RB05E42	SH
SA	1848	E25 OVC	20			028	40	35	18	18	G32	961	61701 1511	SH
SP	1918	E35 OVC	20						18	19	G31	960		SH
SA	1945	E35 OVC	15		RW-	024	40	35	18	18	G25	960	RB32	SH
RS	2041	E20 OVC	10		RW-	021	38	35	17	20		959	4	SH
SA	2146	E20 OVC	10		RW-	023	38	35	18	16	G28	960	50303 1511 44	SH
SA	2247	E25 OVC	20			019	38	30	19	27	G38	959	RE15 PK WND 1938/42	SH
SA	2345	E25 BKN	20			021	37	31	20	16	G33	959		SH

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 20

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.405	40.1	31.6	38	10	6	AS	E170	4	CI	250	10								8	5	.025			00-01
01 48	26.440	40.0	31.7	39	10															10					01-02
02 50	26.450	33.3	32.0	88	10															10					02-03
03 52	26.430	37.1	33.4	69	10	10	SC	E40												8	0	.025			03-04
04 51	26.420	36.1	32.6	70	4															4					04-05
05 49	26.410	36.8	33.0	69	8															6					05-06
06 47	26.410	36.9	33.3	70	10	5	SC	30	7	CS	E250	10								8	6	.020			06-07
07 51	26.420	37.7	33.8	68	5															5					07-08
08 52	26.430	38.9	34.8	68	7															7					08-09
09 51	26.430	41.0	34.9	55	7	5	SC	30	2	AC	250	7								7	1	.020			09-10
10 48	26.430	41.4	36.1	61	8															8					10-11
11 47	26.400	40.6	37.0	73	10															10					11-12
12 47	26.360	42.7	37.3	61	10	7	SC	E30	3	AC	150	10								10	8	.070			12-13
13 46	26.320	43.6	37.3	56	10															10					13-14
14 48	26.280	43.1	37.6	61	10															10					14-15
15 47	26.290	39.7	37.6	84	10	10	SC	E30												10	5	.070			15-16
16 45	26.270	39.4	37.6	86	10															10					16-17
17 46	26.240	40.2	37.6	80	10															10					17-18
18 48	26.240	40.3	37.7	80	10	10	SC	E25												10	6	.050			18-19
19 45	26.230	40.4	38.0	81	10															10					19-20
20 46	26.220	37.5	36.4	91	10															10					20-21
21 46	26.230	38.0	36.8	90	10	10	SC	E20												10	5	.010			21-22
22 47	26.220	38.4	37.0	73	10															10					22-23
23 45	26.220	37.3	34.6	78	7															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 0345		T	T		41	33										
	0345	1	T	T	0	41	33		0								
	0946	2	0	0	0	41	36		0								
	1542	3	T	0	0	44	40		1								
	2142	4	.04	0	0	40	37		2								
	MID.		T	0	0	38	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.430	26.290	26.230
BAROGRAPH 64	26.410	26.420	26.280	26.220
BAR. CORR. 65	+.020	+.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
44	33	.04	T*	0	38	S	2242					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SW-	0224	0309			
RW-	1540	1620			
RW-	1705	1742			
RW-	1932	2215			

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: 0910PST ON TIME / 1830PST ON TIME

*MELTED AS IT FELL

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 21

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SP	0006	30 SCT E90 BKN	20						18	18	G30	959		SH
SA	0047	30 SCT E90 BKN	20			018	37	31	18	19	G30	959	60300 157 TC	SH
SA	0145	30 SCT E80 OVC	20			017	37	29	20	16	G24	959		SH
SA	0245	E30 OVC	20			023	36	29	20	16	G24	960		SH
SA	0346	E30 OVC	20			028	37	28	21	18		961	30700 15// 36 20004	CG
/													RAPAT 72048	/
SA	0447	E30 BKN 250 OVC	20			029	36	27	21	16	G26	961		CG
SA	0546	30 SCT 250-OVC	20			029	35	26	21	17	G27	961		CG
SA	0657	30 SCT 250-BKN	20			037	35	26	19	14	G23	963	307 1570 1508	CG
SA	0750	30 SCT E250 BKN	20			036	36	25	19	15	G24	963		CG
SA	0849	30 SCT 250 SCT	20			045	38	24	21	15		965		CG
SA	0948	30 SCT 250 SCT	20			047	39	24	22	11		966	310 1508 34	CG
SA	1052	30 SCT 250 SCT	20			046	41	26	21	13	G23	966		CG
SA	1146	E30 BKN	20			047	41	26	20	14		966		CG
SA	1251	30 SCT 40 SCT	20			043	42	23	20	14	G23	965	803 1800	CG
SA	1348	E40 BKN	20			043	42	22	23	11	G20	965		CG
SP	1444	E40 BKN	20		SP-				23	13		965	SPB43	CG
SA	1449	E40 BKN	20		SP-	044	40	25	23	10		965	SPB43	CG
SP	1512	E40 BKN	20						23	12		966	SPE11 CB N	CG
SA	1547	E40 BKN	20			051	40	22	21	08		968	SPE11 CB N / 30701	SH
	—		—			—						—	1900 42 RADAT 54049	—
SA	1645	E40 OVC	20			057	40	23	23	08		969	CB N DSPTD	SH
SP	1715	E40 OVC	10		SP-				34	20	G40	972	SPB10 ~~PK WND~~	SH
	—		—			—						—	~~3640/07~~	—
RS	1746	E40 OVC	20			091	33	28	28	09		972	PK WND 3640/07 SPB10 E40 PRES RR	SH
SP	1809	E32 OVC	7		SW-				26	16		972	SB05	SH
SP	1820	E32 OVC	20						28	09		978	SE20	SH
SA	1846	E32 OVC	20			093	31	28	05	08		979	SB05 E20 / 13001 1511	SH
SA	1945	E40 BKN	20			103	33	26	02	04		981		SH
SA	2047	E40 OVC	20			119	30	26	26	03		985		SH
SA	2146	E40 OVC	20			128	31	23	33	03		988	23401 1511 42	SH
SA	2245	50 SCT	20			141	28	22	26	06		992		SH
SA	2345	50 SCT	20			148	28	19	32	04		994		SH

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 21

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.220	37.3	34.5	78	8	4	SC	30	4	AC	E90	8								8	6	.010			00-01
01 45	26.220	37.2	33.8	72	10															10					01-02
02 45	26.230	36.1	33.0	74	10															10					02-03
03 46	26.240	36.5	33.0	71	10	10	SC	E30												10	3	.020			03-04
04 47	26.240	35.8	32.3	70	10															8					04-05
05 48	26.240	34.9	31.5	71	10															4					05-06
06 57	26.260	34.9	31.4	70	7	2	SC	30	5	CS	250	7								3	3	.020			06-07
07 50	26.260	35.6	31.3	63	7															4					07-08
08 49	26.280	37.7	32.2	56	3															2					08-09
09 48	26.290	38.9	33.1	55	3	3	SC	30	0	CS	250	3								3	3	.030			09-10
10 52	26.290	40.6	34.8	57	4															4					10-11
11 46	26.290	40.9	34.7	54	6															6					11-12
12 51	26.280	41.9	34.4	46	5	2	SC	30	3	CU	40	5								5	8	.010			12-13
13 48	26.280	41.8	34.1	45	7															7					13-14
14 49	26.280	40.2	34.0	53	9															9					14-15
15 47	26.300	40.0	33.1	48	9	9	CB	E40												9	3	.020			15-16
16 45	26.310	39.5	33.0	50	10															10					16-17
17 48	26.390	33.2	31.0	80	10															10					17-18
18 46	26.390	31.2	30.0	88	10	10	SC	E32												10	1	.090			18-19
19 45	26.420	32.7	30.2	77	8															8					19-20
20 47	26.460	30.2	28.8	84	10															10					20-21
21 46	26.490	30.6	28.0	73	10	10	SC	E40												10	2	.100			21-22
22 45	26.520	27.6	26.0	80	3															3					22-23
23 45	26.540	27.7	25.0	69	2															2					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	37	36	X	X						X		
	0341	1	T	0	0	38	36		1								
	0944	2	0	0	0	39	34		0								
	1544	3	.01	0	0	42	39		1								
	2141	4	.01	.1	T	40	30		1								
	MID.	X	0	0	0	31	27	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0845	0947	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.240	26.290	26.300	26.490
BAROGRAPH 64	26.220	26.290	26.300	26.485
BAR. CORR. 65	+.020	*0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	.02	.1	0	40	N	1707					6	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SP-	1443	1511			
SP-	1710	1740			
SW-	1805	1820			

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 WND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK: 0703BST ON TIME / 2040Z ON TIME

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

MF1-10B

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 2 2

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	50 SCT	20			162	28	18	11	03		998	230 1500	SH
SA	0145	CLR	20			175	28	15	24	02		002		SH
SA	0245	CLR	20			190	24	17	06	02		005		SH
SA	0350	250-SCT	20			206	24	17	22	03		009	234 1008 24 2000Z	CG
/													RADAT ~~43034037~~	/
SA	0449	250-SCT	20			206	24	15	06	08		009	43L034037	CG
SA	0549	CLR	20			219	24	17	06	08		012		CG
SA	0648	CLR	20			228	23	16	05	06		014	214 1008	CG
SA	0746	CLR	20			242	24	17	06	04		018		CG
SA	0848	250-SCT	20			253	32	20	16	04		023		CG
SA	0947	CLR	20			252	33	13	03	06		023	127 1008 23	CG
SA	1046	CLR	20			260	35	17	05	06		025		CG
SA	1149	250-SCT	20			258	38	19	02	06		025		CG
SA	1246	250-SCT	20			242	43	12	33	04		022	803 1008	CG
SA	1347	250-SCT	20			243	42	12	32	06		022		CG
SA	1447	CLR	20			249	43	5	01	05		023		CG
SA	1550	250-SCT	20			258	41	13	36	05		025	310 1008 43	SH
	—		—			—						—	RADAT 35049	—
SA	1647	250-BKN	20			267	40	14	01	07		027		SH
SA	1747	250-SCT	20			274	35	23	07	08		028		SH
SA	1848	CLR	20			281	36	18	07	03		031	217	SH
SA	1945	CLR	20			290	34	19	36	03		033		SH
SA	2046	CLR	20			291	30	20	12	02		034		SH
SA	2146	CLR	20			291	30	18	05	05		035	110 43	SH
SA	2245	CLR	20			293	30	18	06	06		035		SH
SA	2345	CLR	20			298	28	19	15	02		036		SH

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 22

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.580	28.2	25.0	64	1	1	SC	50												1	2	.090			00-01
01 45	26.610	27.6	23.9	58	0															0					01-02
02 45	26.640	24.3	22.4	73	0															0					02-03
03 50	26.680	24.1	22.2	73	2	2	CS	250												0	2	.100			03-04
04 49	26.680	23.6	21.4	69	2															0					04-05
05 49	26.700	23.9	22.0	73	0															0					05-06
06 48	26.720	22.8	21.0	73	0	0	CS	250												0	2	.040			06-07
07 46	26.760	24.4	22.3	72	0															0					07-08
08 48	26.800	31.5	27.7	63	1															0					08-09
09 47	26.800	33.3	27.0	43	0	0	CS	250												0	1	.080			09-10
10 46	26.820	34.8	28.7	47	0															0					10-11
11 49	26.820	37.5	30.7	46	1															0					11-12
12 46	26.790	42.7	32.2	28	5	5	CS	250												1	8	.010			12-13
13 47	26.790	42.4	32.1	29	1															0					13-14
14 47	26.800	42.9	31.1	21	0															0					14-15
15 50	26.820	41.4	31.7	31	1	1	CS	250												0	3	.030			15-16
16 47	26.840	40.0	31.0	34	7															1					16-17
17 47	26.850	35.2	30.6	61	3															0					17-18
18 48	26.870	36.2	29.7	47	0															0	2	.050			18-19
19 45	26.890	33.8	28.6	53	0															0					19-20
20 46	26.900	30.3	26.8	64	0															0					20-21
21 46	26.900	29.8	26.0	60	0															0	1	.030			21-22
22 45	26.910	30.3	26.5	61	0															0					22-23
23 45	26.920	27.8	25.0	68	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		0	0		28	24										
	0343	1	0	0	0	31	24		1								
	0943	2	0	0	0	33	23		1								
	1544	3	0	0	0	43	33		0								
	2142	4	0	0	0	41	29		0								
	MID.		0	0	0	30	28										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0946	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.800	26.820	26.900
BAROGRAPH 64	26.660	26.810	26.830	26.900
BAR. CORR. 65	+.020	-.010	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
43	23	0	0	0	14	E	1508					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 1035 LST ON TIME / 2120 P ON TIME

MF1-10B

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 23

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-⌀) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			294	26	20	08	04		036	107	SH
SA	0146	CLR	20			298	26	19	11	04		037		SH
SA	0247	CLR	20			302	25	19	12	03		038	46L034039	SH
SA	0345	CLR	20			296	25	19	10	03		036	000 ~~23~~ 25 RADAT ~~46034039~~	CG
SA	0449	CLR	20			308	24	20	12	02		039		CG
SA	0545	CLR	20			308	24	19	09	04		038		CG
SA	0648	CLR	20			313	23	19	07	02		039	110 1008	CG
SA	0745	CLR	20			315	26	21	13	06		041		CG
SA	0845	250 SCT	20			318	32	19	31	05		042		CG
SA	0949	250 SCT	20			323	37	22	26	02		044	314 1008 22	CG
SA	1048	E 250 BKN	20			306	42	14	25	06		041		CG
SA	1148	250-BKN	20			298	45	12	23	03		038		CG
SA	1247	250-BKN	20			291	48	12	28	04		036	724 1008	CG
SA	1355	250-SCT	20			278	49	15	24	07		033		CG
SA	1445	250-SCT	20			276	49	17	20	04		032		CG
SA	1547	250-SCT	20			283	49	19	24	05		034	507 1008 50	SH
	—		—			—						—	RADAT 50131	—
SA	1646	250-BKN	20			289	47	23	04	07		035		SH
SA	1746	250-BKN	20			294	40	27	04	06		035		SH
SA	1846	250-SCT	20			301	41	26	12	03		037	310 1008	SH
SA	1946	250 SCT	20			304	40	26	12	03		038		SH
SA	2047	250 SCT	20			299	39	22	08	08		038		SH
SA	2146	250-SCT	20			297	38	25	12	06		038	103 1008 50	SH
SA	2247	CLR	20			293	38	26	31	04		038		SH
SA	2348	CLR	20			296	32	26	10	04		038		SH

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIIII Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 23

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0045	26.920	25.7	24.2	79	0															0	1	.020			00-01
0146	26.930	26.0	24.0	74	0															0					01-02
0247	26.940	25.2	23.4	76	0															0					02-03
0345	26.920	24.8	23.3	79	0															0	0	.000			03-04
0449	26.960	23.9	22.9	84	0															0					04-05
0545	26.940	24.0	22.8	82	0															0					05-06
0648	26.950	22.6	22.0	87	0	0	CS	250												0	1	.020			06-07
0745	26.960	26.2	24.7	80	0															0					07-08
0845	26.970	32.2	27.7	57	1															1					08-09
0949	26.990	36.5	31.0	55	3	3	CS	250												2	3	.040			09-10
1048	26.960	41.9	32.1	31	7															6					10-11
1148	26.940	45.3	33.8	26	7															3					11-12
1247	26.920	47.7	35.1	23	6	6	CS	250												2	7	.070			12-13
1355	26.890	49.3	36.6	25	5															1					13-14
1445	26.880	48.6	36.7	28	4															0					14-15
1547	26.900	48.8	37.2	30	5	5	CS	250												1	5	.020			15-16
1646	26.910	46.5	37.0	39	8															1					16-17
1746	26.910	40.4	34.8	58	6															1					17-18
1846	26.930	41.3	35.0	53	4	4	CS	250												0	3	.030			18-19
1946	26.940	39.5	34.1	58	3															2					19-20
2047	26.940	39.0	32.6	51	1															1					20-21
2146	26.940	38.0	33.0	60	2	2	CS	250												1	1	.010			21-22
2247	26.940	37.7	33.0	62	0															0					22-23
2348	26.940	32.2	30.0	79	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340		0	0		28	25										
	0340	1	0	0	0	30	25		0								
	0942	2	0	0	0	37	22		0								
	1543	3	0	0	0	50	37		0								
	2141	4	0	0	0	49	38		0								
	MID.		0	0	0	38	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0948	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.920	26.990	26.900	26.940
BAROGRAPH 64	26.930	26.990	26.910	26.940
BAR. CORR. 65	-.010	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
50	22	0	0	0	12	N	2004					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0754PST ON TIME / 1940PST ON TIME

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 24

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (5) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (6)	SEA LEVEL PRESS. (7)	TEMP (8)	DEW PT. (9)	WIND DIRECTION (10-96) (14)	WIND SPEED (15)	WIND CHARACTER (16)	ALTIMETER SETTING (17)	REMARKS AND SUPPLEMENTAL CODED DATA (18)	OB. METERS MEASL (19)
SA	0047	CLR	20			288	35	26	06	04		037	803	SH
SA	0147	CLR	20			285	33	27	32	04		036		SH
SA	0249	CLR	20			281	32	27	06	03		035		SH
SA	0349	CLR	20			275	32	27	25	03		033	714 31 RADAT 34130	008
SA	0450	CLR	20			272	32	27	09	03		032		008
SA	0550	CLR	20			271	32	27	09	01		031		008
SA	0646	CLR	20			272	30	26	10	04		031	607	008
SA	0747	CLR	20			275	35	27	08	02		032		008
SA	0848	CLR	20			279	40	28	09	01		034		008
SA	0950	CLR	20			277	46	28	22	03		034	110 30	008
SA	1049	CLR	20			270	49	27	11	01		033		008
SA	1147	CLR	20			256	53	27	24	06		028		008
SA	1249	CLR	20			237	57	28	23	06		024	830	008
SA	1348	CLR	20			234	58	27	24	04		023		008
SA	1446	CLR	20			225	60	27	20	04		021		008
SA	1550	CLR	20			221	62	27	26	02		019	714 1001 63 RADAT 30129	NS
SA	1650	CLR	20			220	59	28	00	00		018		NS
SA	1751	CLR	20			224	50	33	10	05		018		NS
SA	1847	CLR	20			228	50	33	13	05		019	500	NS
SA	1948	CLR	20			228	48	30	05	08		019		NS
SA	2047	CLR	20			230	45	32	11	09		021		NS
SA	2150	CLR	20			226	46	30	03	11		021	103 63	NS
SA	2251	CLR	20			223	46	29	06	07		021		NS
SA	2352	CLR	20			222	45	29	12	08		021		NS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_gT_dDDP $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 24

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.930	35.2	31.7	70	0															0	8	.010			00-01
01 47	26.920	32.6	30.3	78	0															0					01-02
02 49	26.910	32.0	30.0	81	0															0					02-03
03 49	26.890	31.5	29.7	82	0															0	7	.040			03-04
04 50	26.880	32.2	30.1	80	0															0					04-05
05 50	26.870	32.2	30.1	80	0															0					05-06
06 46	26.870	29.8	28.4	84	0															0	6	.020			06-07
07 47	26.880	35.0	31.9	73	0															0					07-08
08 48	26.900	40.0	34.8	61	0															0					08-09
09 50	26.900	45.7	38.2	50	0															0	1	.030			09-10
10 49	26.840	48.4	39.5	43	0															0					10-11
11 47	26.850	53.3	41.6	36	0															0					11-12
12 49	26.810	56.7	43.7	33	0															0	8	.090			12-13
13 48	26.800	57.9	44.0	31	0															0					13-14
14 46	26.780	60.4	45.0	27	0															0					14-15
15 50	26.770	61.6	45.6	27	0	0	CI	250												0	7	.040			15-16
16 50	26.760	58.7	44.7	31	0															0					16-17
17 51	26.760	49.9	42.0	52	0															0					17-18
18 47	26.770	50.1	42.0	51	0															0	5	.000			18-19
19 48	26.770	47.7	39.6	49	0															0					19-20
20 47	26.780	44.6	38.8	60	0															0					20-21
21 50	26.780	46.2	39.0	53	0															0	1	.010			21-22
22 51	26.780	46.2	38.8	52	0															0					22-23
23 54	26.780	44.8	38.0	54	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 0342		0	0		35	31										
	0342	1	0	0	0	38	31		0								
	0943	2	0	0	0	49	30		0								
	1546	3	0	0	0	63	46		0								
	2145	4	0	0	0	62	44		0								
	MID.		0	0	0	46	45										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1530	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.890	26.900	26.770	26.780
BAROGRAPH 64	26.890	26.900	26.800	26.790
BAR. CORR. 65	±0	±0	-.030	-.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
63	30	0	0	0	17	NE	2209					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0630P - ON TIME / CORRECT AT 2058

MF1-10B

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 25

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS
SA	0052	CLR	20			221	42	30	10	06		021	400	[illegible]
SA	0153	CLR	20			222	40	28	01	09		021		[illegible]
SA	0250	CLR	20			217	39	27	14	04		019		[illegible]
SA	0345	CLR	20			214	38	26	36	05		018	807 38 RADAT 29131	008
SA	0449	CLR	20			216	37	26	31	02		018		008
SA	0549	CLR	20			222	35	26	03	04		018		008
SA	0646	CLR	20			224	38	26	21	01		019	303 1001	008
SA	0747	250 SCT	20			220	41	27	30	03		018		008
SA	0846	250 - BKN	20			227	46	27	34	02		021		008
SA	0950	250 - BKN	20			221	54	30	07	04		021	303 1001 35	008
SA	1049	250 - BKN	20			219	58	28	11	09		021		008
SA	1145	250 - BKN	20			195	60	29	11	11		014	PRESFR	008
SA	1249	250 - SCT	20			184	63	27	12	13		011	830 1001	008
SA	1350	250 - SCT	20			181	62	27	13	11		010		008
SA	1448	250 SCT	20			181	63	28	12	10		010		008
SA	1552	CLR	20			179	62	29	12	14		008	707 1001 64 RADAT 28129	[illegible]
SA	1653	250 - SCT	20			181	57	32	12	10		008		[illegible]
SA	1755	CLR	20			185	52	33	13	11		008		[illegible]
SA	1848	250 SCT	20			185	50	31	12	14		008	400 1005	[illegible]
SA	1950	250 SCT	20			185	46	29	05	06		008		[illegible]
SA	2047	CLR	20			184	45	29	26	06		008		[illegible]
SA	2153	CLR	20			179	46	28	33	06		008	400 64	[illegible]
SA	2255	CLR	20			174	44	27	07	05		007		[illegible]
SA	2351	CLR	20			169	43	28	08	09		006		[illegible]

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

FMITV: (1) Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115-1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 25

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.780	40.2	36.9	62	0															0	4	.000			00-01
01 53	26.780	40.3	35.3	62	0															0					01-02
02 50	26.770	38.6	33.7	61	0															0					02-03
03 45	26.760	38.1	33.3	62	0															0	8	.020			03-04
04 49	26.760	37.4	32.8	63	0															0					04-05
05 49	26.760	34.9	31.4	69	0															0					05-06
06 46	26.770	37.5	32.8	62	0	0	ci	250												0	3	.010			06-07
07 47	26.760	41.4	35.6	57	5															4					07-08
08 46	26.780	45.6	37.8	49	8															4					08-09
09 50	26.780	54.1	43.1	40	9	9	ci	250												4	3	.010			09-10
10 49	26.780	57.6	44.1	32	9															4					10-11
11 45	26.720	60.3	45.7	31	9															4					11-12
12 49	26.690	62.6	46.0	25	5	5	ci	250												2	8	.090			12-13
13 50	26.680	62.3	46.0	26	5															2					13-14
14 48	26.680	62.6	46.3	27	3															2					14-15
15 52	26.670	61.7	46.1	28	0	0	ci	250												0	7	.020			15-16
16 53	26.670	56.8	44.8	38	3															0					16-17
17 55	26.670	51.7	43.0	49	0															0					17-18
18 48	26.670	49.9	41.1	47	3	3	ci	250												2	4	.000			18-19
19 50	26.670	46.2	38.8	51	3															2					19-20
20 47	26.670	45.3	38.0	52	0															0					20-21
21 53	26.670	45.8	38.1	50	0															0	4	.000			21-22
22 55	26.660	44.2	37.0	51	0															0					22-23
23 51	26.650	43.0	36.7	56	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 0340	X	0	0	X	45	38	X	X						X		
	0340	1	0	0	0	46	38		0								
	0943	2	0	0	0	56	35		0								
	1548	3	0	0	0	64	54		0								
	2149	4	0	0	0	62	43		0								
	MID.	X	0	0	0	46	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0949	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.780	26.670	26.670
BAROGRAPH 64	26.760	26.790	26.680	26.680
BAR. CORR. 65	-.020	-.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
64	35	0	0	0	21	SE	1318					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CORRECT AT 0715P / CORRECT 1855

X-1600P - CHANGED BAROGRAM

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 26

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (Mi.) SURFACE (4)	VISIBILITY (Mi.) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	CLR	20			164	42	28	06	05		005	710	[illegible]
SA	0152	CLR	20			163	40	29	28	05		004		[illegible]
SA	0250	250 SCT	20			159	38	28	05	03		003		[illegible]
SA	0349	250 SCT	20			155	41	28	07	05		002	710 1002 35 RADAT 20123	008
SA	0448	250 SCT	20			156	36	27	09	05		001		008
SA	0549	250 SCT	20			157	40	28	07	06		001		008
SA	0645	250 SCT	20			157	36	~~29~~ 27	11	07		999	707 1002	008
SA	0747	250 SCT	20			147	43	28	10	12		997		008
SA	0849	250 - SCT	20			136	60	24	20	16	G24	997	PK WND 2037/37	008
SA	0950	250 - BKN	20			136	62	23	21	21	G38	997	PK WND 2138/47/ 607 1001 35	008
SA	1049	250 - BKN	20			132	63	20	20	22	G30	996		008
SA	1146	250 - BKN	20			117	64	22	19	25	G38	992	PK WND 1938/46	008
SA	1249	E170 BKN 250 BKN	20			106	64	25	21	24	G35	988	PK WND 2140/23/727 1032	008
SA	1347	120 SCT E170 BKN 250 BKN	20			100	65	24	20	23	G30	986		008
SA	1446	170 SCT 250 - BKN	20			098	63	23	22	21	G28	985		008
SA	1554	170 SCT E230 BKN	20			105	60	27	22	18	G30	987	503 1071 66 RADAT 48102	[illegible]
SA	1654	170 SCT E230 BKN	20			096	59	29	21	20	G32	984	ACSL SE	[illegible]
SA	1745	170 SCT E230 BKN	20			107	57	28	23	16	G28	987		[illegible]
SA	1852	230 SCT	20			103	56	31	21	19	G27	985	507 1001	[illegible]
SA	1947	230 SCT	20			099	56	33	20	20	G28	985		[illegible]
SA	2050	230 SCT	20			099	54	33	21	20	G30	987		[illegible]
RS	2146	CLR	20			105	53	34	26	08		990	WSHFT 40 PRESRR	[illegible]
—	—												314 66	—
SA	2255	CLR	20			118	49	33	30	08		993		[illegible]
SA	2349	CLR	20			129	49	34	30	07		996		[illegible]

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 26

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.640	42.0	36.0	57	0															0	7	.030			00-01
01 52	26.630	37.9	35.1	63	0															0					01-02
02 50	26.620	38.0	33.8	66	3															2					02-03
03 49	26.610	40.6	35.2	60	3	3	ci	250												2	7	.030			03-04
04 48	26.600	35.6	32.2	71	3															2					04-05
05 49	26.600	40.2	35.0	61	3															2					05-06
06 45	26.590	36.1	32.5	70	2	2	ci	250												2	7	.020			06-07
07 47	26.570	43.4	37.0	55	1															1					07-08
08 49	26.570	60.3	44.1	24	5															2					08-09
09 50	26.570	62.3	44.8	22	8	8	ci	250												2	6	.020			09-10
10 49	26.560	63.0	44.6	19	7															2					10-11
11 46	26.520	64.3	45.6	20	6															2					11-12
12 49	26.490	63.7	46.0	23	8	6	Ac	6170	2	ci	250	8								7	7	.080			12-13
13 47	26.470	65.2	46.6	21	9															7					13-14
14 46	26.460	63.0	45.3	22	7															3					14-15
15 54	26.480	60.3	45.0	28	6	4	Ac	170	2	ci	E230	6								5	5	.010			15-16
16 51	26.450	58.5	44.8	32	7															5					16-17
17 45	26.480	57.4	44.0	33	7															5					17-18
18 52	26.460	56.3	44.5	38	3	3	ci	230												2	5	.020			18-19
19 47	26.460	56.1	44.8	41	3															3					19-20
20 50	26.480	54.3	44.0	44	3															3					20-21
21 46	26.500	53.3	44.0	48	0															0	3	.040			21-22
22 55	26.530	49.3	41.8	54	0															0					22-23
23 49	26.560	48.6	41.8	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 0343	X	0	0	X	43	35	X	X						X		
	0343	1	0	0	0	46	35		0								
	0945	2	0	0	0	64	35		0								
	1550	3	0	0	0	66	60		0								
	2142	4	0	0	0	60	53		0								
	MID.	X	0	0	0	53	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1554	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.570	26.480	26.520
BAROGRAPH 64	26.610	26.570	26.480	26.470
BAR. CORR. 65	±0	±0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	35	0	0	0	40	SW	1223					6	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CORRECT AT 0615 P/ CORRECT 1903

MF1-10B

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 27

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (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 (Hgs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0054	CLR	20			142	46	35	33	11		999	230	[illegible]
SA	0150	CLR	20			153	45	34	36	09		003		[illegible]
SA	0251	CLR	20			167	44	26	04	12		006		[illegible]
SA	0350	CLR	20			169	43	27	35	09		006	120 42 RADAT 87L 070 075 077	008
SA	0447	CLR	20			174	43	22	05	15		007		008
SA	0549	CLR	20			187	41	21	04	16		011		008
SA	0648	CLR	20			197	39	21	07	13		013	220	008
SA	0745	CLR	20			200	41	19	05	13		014		008
SA	0844	CLR	20			203	43	21	05	12		015		008
SA	0948	CLR	20			207	45	21	03	12		016	210 39	008
SA	1045	250 - SCT	20			202	50	21	03	09		015		008
SA	1147	250 - BKN	20			189	53	19	12	09		012		008
SA	1248	250 - BKN	20			179	54	19	14	08		008	824 1001	008
SA	1348	250 - BKN	20			171	54	19	12	09		006		008
SA	1450	250 - BKN	20			172	54	20	12	08		006		008
SA	1553	E250 BKN	20			170	54	22	13	12		005	610 1001 55 RADAT 20115	[illegible]
SA	1651	250 - OVC	20			170	51	21	13	06		005		[illegible]
SA	1752	E250 OVC	20			174	46	23	12	07		005		[illegible]
SA	1848	E250 OVC	20			175	46	24	16	06		005	400 1007	[illegible]
SA	1949	250 SCT	20			172	46	24	07	06		004		[illegible]
SA	2045	250 SCT	20			173	42	24	32	04		004		[illegible]
SA	2153	250 SCT	20			170	40	22	31	04		003	707 1008 55	[illegible]
SA	2253	CLR	20			162	38	24	06	04		002		[illegible]
SA	2347	CLR	20			159	36	23	12	03		001		[illegible]

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V. iii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115-1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 27

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.590	46.2	40.7	64	0															0	2	.090			00-01
01 50	26.620	45.3	40.1	65	0															0					01-02
02 51	26.650	43.6	36.2	49	0															0					02-03
03 50	26.650	42.5	36.0	54	0															0	1	.060			03-04
04 47	26.660	42.6	34.4	43	0															0					04-05
05 49	26.690	40.9	33.8	44	0															0					05-06
06 48	26.710	39.4	32.6	48	0															0	2	.060			06-07
07 45	26.720	40.5	32.7	42	0															0					07-08
08 44	26.730	43.0	34.4	41	0															0					08-09
09 48	26.740	45.0	35.6	38	0															0	2	.030			09-10
10 45	26.730	49.9	38.3	32	4															1					10-11
11 47	26.700	52.8	39.4	26	7															2					11-12
12 48	26.670	53.6	39.6	25	8	8	21	250												3	8	.070			12-13
13 48	26.650	54.1	40.0	25	8															4					13-14
14 50	26.650	54.1	40.2	26	8															4					14-15
15 53	26.640	53.6	40.5	29	9	9	01	E250												6	6	.030			15-16
16 51	26.640	51.4	39.0	30	10															4					16-17
17 52	26.640	46.3	36.8	39	10															6					17-18
18 48	26.640	46.3	37.0	40	10	10	05	E250												9	4	.000			18-19
19 49	26.630	45.9	36.8	41	4															3					19-20
20 45	26.630	49.3	35.0	48	3															3					20-21
21 53	26.620	44.2	33.3	48	2	2	05	250												2	7	.020			21-22
22 53	26.610	38.2	32.6	56	0															0					22-23
23 47	26.600	35.5	30.9	61	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		0	0		49	42										
	0345	1	0	0	0	53	42		0								
	0942	2	0	0	0	46	39		0								
	1548	3	0	0	0	55	45		0								
	2149	4	0	0	0	54	40		0								
	MID.		0	0	0	40	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.740	26.640	26.620
BAROGRAPH 64	26.645	26.730	26.640	26.620
BAR. CORR. 65	+.005	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	35	0	0	0	22	NE	0632					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK AT 0620P ± 0SEC / CORRECT 1815

MF1-10B

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 28

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP °F (7)	DEW PT. °F (8)	WIND DIRECTION 00-36 (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0052	CLR	20			151	34	23	07	03		998	814 1008	[illegible]
SA	0150	CLR	20			144	33	21	10	06		996		[illegible]
SA	0250	250 SCT	20			128	35	21	30	06		992		[illegible]
SA	0351	250 SCT	20			125	32	20	04	08		991	724 1008 32 RADAT 45075	RD
SA	0450	250 SCT	20			120	31	21	06	06		989		RD
SA	0549	CLR	20			116	33	19	31	04		987		RD
SA	0650	CLR	20			116	28	21	10	05		987	714 1008	RD
SA	0748	CLR	20			116	33	21	08	04		987		RD
SA	0848	250 SCT	20			112	40	17	30	03		987		RD
SA	0952	250 - SCT	20			102	48	20	30	03		984	ACSL SSE/807 1048 28	RD
SA	1049	250 - BKN	20			088	53	23	17	05		981		RD
SA	1151	250 - BKN	20			075	55	29	19	17	G26	977	FEW CU	RD
SA	1250	160 SCT E250 OVC	20			066	54	28	21	23	G31	974	730 1177	RD
SA	1349	65 SCT 160 SCT E250 BKN	20			067	51	25	21	19		973		RD
SA	1453	60 SCT 160 SCT E250 BKN	20			066	50	28	22	19		973		JK
SA	1548	160 SCT E250 BKN	20			068	50	28	21	18		973	603 1578 56 RADAT 72066	JK
SA	1649	160 SCT 250 SCT	20			068	50	28	21	10		973	SC ALQDS	JK
SA	1750	160 SCT	20			073	46	24	24	10		974	SC ALQDS	JK
SA	1847	160 SCT	20			080	45	26	24	10		975	307 1570	JK
SA	1938	E50 BKN 160 BKN	15		RW-			~~32~~	32	12	G26	978	RB 33 WSHFT 35	JK
SA	1950	M50 BKN 160 OVC	15		RW-	092	45	29	34	15		980	RB33 WSHFT 35	JK
SA	2046	M50 OVC	15		RW-	099	40	31	02	15		982		JK
SA	2145	E50 BKN 100 BKN	20			090	42	27	36	12		981	RE12/01701 1570 56	JK
SA	2249	M50 BKN 100 OVC	20			097	40	28	02	05		984		JK
SA	2350	M50 OVC	20			097	42	27	36	10		984		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 28

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.580	33.7	29.8	65	0	0	CS	250												0	8	.040			00-01
01 50	26.560	32.7	28.7	62	0															0					01-02
02 50	26.520	35.0	30.0	57	2															2					02-03
03 51	26.510	32.0	27.8	60	2	2	CS	250												2	7	.070			03-04
04 50	26.490	30.6	27.4	67	2															2					04-05
05 49	26.495	32.5	27.9	57	0															0					05-06
06 50	26.470	28.4	26.0	73	0	0	CS	250												0	7	.040			06-07
07 48	26.475	32.6	28.5	62	0															0					07-08
08 48	26.470	40.2	31.8	39	1															1					08-09
09 52	26.450	48.0	37.0	33	4	0	ACSL	160	4	CS	250	4								1	8	.020			09-10
10 49	26.420	52.8	40.4	31	6															1					10-11
11 51	26.385	55.0	43.0	36	6															1					11-12
12 50	26.360	54.0	42.2	36	10	0	CU	60	3	AC	160	3	10	CS	E250	10				6	7	0.90			12-13
13 49	26.350	51.0	40.0	36	9															6					13-14
14 53	26.350	49.8	40.1	42	9															6					14-15
15 48	26.350	49.8	40.1	42	8	0	SC	60	3	AC	160	3	5	CS	E250	8				5	6	.010			15-16
16 49	26.350	49.7	40.0	42	5															5					16-17
17 50	26.360	46.2	37.1	41	1															1					17-18
18 47	26.370	45.0	37.0	46	4	0	SC	60	4	AC	160	4								4	3	.020			18-19
19 50	26.410	45.0	38.0	53	10															9					19-20
20 46	26.430	40.2	36.1	69	10															10					20-21
21 45	26.420	41.8	35.6	55	6	6	SC	E50	0	AC	100	6								5	0	.050			21-22
22 49	26.450	40.1	35.1	62	10															10					22-23
23 50	26.450	41.8	35.7	56	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	X	0	0	X	36	32	X	X						X		
	0343	1	0	0	0	40	32		0								
	0942	2	0	0	0	48	28		0								
	1544	3	0	0	0	56	48		0								
	2143	4	.01	0	0	50	40		1								
	MID.	X	0	0	0	42	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.450	26.350	26.420
BAROGRAPH 64	26.500	26.450	26.340	26.410
BAR. CORR. 65	+.010	0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	28	.01	0	0	34	SW	1257					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1933	2112			

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: 0754 P OK / 1710 P OK

MF1-10B

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 29

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0048	M45 OVC	15		RW-	097	42	25	35	17		984	RB 20/11000 1511	JK
SA	0150	M50 OVC	20			109	38	32	13	06		986	RE15 Wnd SHFTG GRDLY	JK
SA	0250	M50 OVC	20			113	40	27	07	08		987		JK
SA	0352	M55 OVC	20			116	40	25	04	12		989	RB01E07/21400 1511	RD
—			—			—						—	37 20001 RADAT 57055	—
SA	0449	M65 OVC	20			127	40	24	02	11		992		RD
SA	0547	M65 OVC	20			140	39	21	03	14		995		RD
SA	0649	140 SCT	20			149	38	20	04	03		997	ACSL N-S/225 1540	RD
SA	0747	140 SCT	20			169	37	21	05	10		003	ACSL N-S	RD
SA	0849	140 SCT	20			189	38	21	06	12		008	ACSL N-S	RD
SA	0952	140 SCT	20			196	39	19	06	14		011	242 1540 37	RD
SA	1049	CLR	20			195	44	17	06	12		011		RD
SA	1151	CLR	20			189	48	19	02	12		010		RD
SA	1249	CLR	20			185	49	22	35	10		009	807 1100	RD
SA	1350	CLR	20			187	50	22	02	18		009		RD
SA	1450	CLR	20			184	51	16	03	23		009		RD
SA	1548	CLR	20			197	50	15	04	22		012	310 51 RADAT 35066	JK
SA	1645	CLR	20			205	48	11	03	17		014		JK
SA	1747	CLR	20			219	45	13	05	19		017		JK
SA	1850	CLR	20			232	43	15	07	14		021	227	JK
SA	1948	CLR	20			237	43	14	06	12		022		JK
SA	2050	CLR	20			243	39	16	06	10		023		JK
SA	2145	CLR	20			241	40	13	06	14		023	107 51	JK
SA	2247	CLR	20			243	36	14	02	10		024		JK
SA	2349	CLR	20			244	38	13	04	15		025		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: iiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1992 JAN 29

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.450	42.0	35.0	50	10	10	Sc	M45												10	1	.030			00-01
01 50	26.470	37.5	35.0	79	10															10					01-02
02 50	26.480	40.0	34.6	59	10															10					02-03
03 52	26.490	40.2	34.0	54	10	10	Sc	M55												10	2	.040			03-04
04 49	26.520	39.8	33.6	53	10															10					04-05
05 47	26.545	38.7	32.0	48	10															10					05-06
06 49	26.565	37.8	31.2	48	3	0	Sc	65	3	Acsl	140	3								3	2	.075			06-07
07 47	26.620	37.0	31.0	52	3															3					07-08
08 49	26.660	38.2	31.6	49	3															3					08-09
09 52	26.690	39.3	32.0	44	3	0	Sc	65	3	Acsl	140	3								3	2	.125			09-10
10 49	26.690	44.4	34.3	33	0															0					10-11
11 51	26.680	47.8	36.6	32	0															0					11-12
12 49	26.670	49.0	38.0	34	0	0	Cu	65												0	8	.020			12-13
13 50	26.675	50.3	38.8	33	0															0					13-14
14 50	26.670	51.0	37.6	24	0															0					14-15
15 48	26.700	50.0	37.0	24	0															0	7	.030			15-16
16 45	26.720	48.0	35.0	22	0															0					16-17
17 47	26.750	45.0	33.8	27	0															0					17-18
18 50	26.780	43.2	33.1	31	0															0	2	.080			18-19
19 48	26.790	42.9	32.7	30	0															0					19-20
20 50	26.800	39.0	31.0	39	0															0					20-21
21 45	26.800	40.1	30.9	33	0															0	1	.020			21-22
22 47	26.810	36.4	29.0	40	0															0					22-23
23 49	26.820	38.3	29.8	35	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		T	0		42	37										
	0342	1	T	0	0	42	37		1								
	0944	2	0	0	0	40	37		0								
	1544	3	0	0	0	51	39		0								
	2143	4	0	0	0	50	39		0								
	MID.		0	0	0	40	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.690	26.700	26.800
BAROGRAPH 64	26.495	26.690	26.700	26.800
BAR. CORR. 65	-.005	0	+.0	+.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
51	36	T	0	0	27	NE	1530					1	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0020	0115			
RW--	0301	0307			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK: 0859 OK / 1715P OK

CHANGED MICROBAROGRAPH AT 0958 LST

MF1-10B

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK NV

DATE: 1982 JAN 30

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY Miles SURFACE (4)	VISIBILITY Miles TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. Mbs. (6)	TEMP °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING Inches (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			248	37	12	03	16		026	210	JK
SA	0145	CLR	20			250	38	14	05	17		027		JK
SA	0250	CLR	20			246	40	10	03	10		026		JK
SA	0350	CLR	20			252	36	14	03	17		027	303 36 RADAT 20091	RD
SA	0448	CLR	20			257	33	16	13	08		028		RD
SA	0549	CLR	20			261	36	13	09	09		030		RD
SA	0650	250 ~~CLR~~ -SCT	20			275	31	14	10	08		032	214 1006	RD
SA	0748	250 -SCT	20			276	37	14	05	14		033		RD
SA	0847	250 -SCT	20			281	39	17	05	16		034		RD
SA	0946	250 -SCT	20			283	41	16	04	18		036	212 1001 31	RD
SA	1050	250 -SCT	20			282	45	19	04	12		035		RD
SA	1147	250 -SCT	20			268	49	15	03	13		032		RD
SA	1248	250 -BKN	20			257	52	21	01	11		030	819 1006	RD
SA	1347	250 -BKN	20			250	53	17	06	06		027		RD
SA	1450	250 -BKN	20			245	54	19	05	09		027		RD
SA	1550	250 -OVC	20			246	55	21	03	08		026	610 1007 56 RADAT 38081	JK
SA	1650	250 -OVC	20			252	53	21	05	06		027		JK
SA	1752	250 -BKN	20			255	46	22	04	08		027		JK
SA	1848	250 -BKN	20			261	47	23	05	09		028	307 1005	JK
SA	1945	250 SCT	20			263	45	22	05	09		029		JK
SA	2045	CLR	20			262	44	22	04	12		029		JK
SA	2152	CLR	20			263	44	23	04	14		031	307 56	JK
SA	2247	CLR	20			256	42	22	03	12		028		JK
SA	2346	CLR	20			256	43	23	04	12		029		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: ... Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_sh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115 (1108)

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 JAN 30

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.830	37.0	29.0	36	0															0	2	.030			00-01
01 45	26.840	38.3	30.0	36	0															0					01-02
02 50	26.830	39.9	30.1	28	0															0					02-03
03 50	26.840	36.0	28.8	40	0															0	3	.010			03-04
04 48	26.850	33.1	27.6	49	0															0					04-05
05 49	26.860	36.2	28.6	38	0															0					05-06
06 50	26.880	31.3	26.0	49	5	5	C1	250												0	2	.040			06-07
07 48	26.890	36.6	29.2	39	3															0					07-08
08 47	26.900	39.0	31.2	41	5															0					08-09
09 46	26.915	41.1	32.2	36	3	3	C1	250												0	2	.035			09-10
10 50	26.910	44.6	35.0	36	3															0					10-11
11 47	26.885	49.0	36.4	25	5															0					11-12
12 48	26.860	51.8	38.8	30	6	6	C1	250												1	8	.055			12-13
13 47	26.840	53.0	39.0	24	8															2					13-14
14 50	26.840	54.2	40.0	25	8															3					14-15
15 50	26.830	55.2	40.9	26	10	10	CS	250												4	6	.030			15-16
16 50	26.840	53.1	40.0	29	10															4					16-17
17 52	26.840	46.1	36.6	39	6															2					17-18
18 48	26.850	46.8	37.1	38	6	6	CS	250												2	3	.020			18-19
19 45	26.860	45.0	36.0	40	1															1					19-20
20 45	26.860	44.2	35.3	40	0															0					20-21
21 52	26.870	43.5	35.4	44	0															0	3	.020			21-22
22 47	26.850	41.8	34.1	45	0															0					22-23
23 46	26.860	42.9	35.0	45	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	40	36	X	X						X		
	0343	1	0	0	0	40	36		0								
	0940	2	0	0	0	41	31		0								
	1543	3	0	0	0	56	41		0								
	2144	4	0	0	0	55	44		0								
	MID.	X	0	0	0	44	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.840	26.915	26.830	26.870
BAROGRAPH 64	26.825	26.905	26.840	26.865
BAR. CORR. 65	+.015	+.010	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	31	0	0	0	22	NE	0132					6	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK 0658 OK / 2005 POK

☆ U.S. Government Printing Office: 1979—665 010/1153 Region No. 6.

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JAN 31

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hrs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	CLR	20			252	42	22	04	14		028	807	JK
SA	0145	CLR	20			250	42	21	06	06		028		JK
SA	0250	250 SCT	20			250	40	22	30	03		028	WND DRCTN VRBL	JK
SA	0350	E250 BKN	20			241	37	24	10	04		025	810 1001 37 RADAT 43075	EP
SA	0450	250 - SCT	20			238	38	21	36	12		024		EP
SA	0549	250 - SCT	20			246	35	22	00	00		025		EP
SA	0649	130 SCT 250 - BKN	20			251	35	21	00	00		026	303 1031	EP
SA	0748	CLR	20			238	35	23	22	06		024		EP
SA	0848	CLR	20			247	44	22	02	10		026		EP
SA	0950	250 SCT	20			240	50	22	36	10		025	803 1002 35	EP
SA	1046	250 SCT	20			228	51	20	23	08		022		EP
SA	1146	CLR	20			215	54	22	23	10		018		EP
SA	1248	250 - SCT	20			201	54	21	21	10		014	834 1001	EP
SA	1347	250 - SCT	20			181	59	21	24	10		010		EP
SA	1453	250 - SCT	20			171	60	16	28	13		007		EP
SA	1549	250 - SCT	20			175	61	13	33	20		008	520 1001 61 RADAT 26091	EP
SA	1649	CLR	20			173	59	14	32	18		006		JK
SA	1750	CLR	20			186	53	13	34	05		009		JK
SA	1846	CLR	20			193	49	12	34	10		010	307	JK
SA	1945	CLR	20			196	49	13	34	10		011		JK
SA	2045	CLR	20			196	47	13	02	10		012		JK
SA	2149	250 SCT	20			200	46	12	01	06		014	314 1001 61	JK
SA	2248	250 - BKN	20			208	45	18	04	18		016		JK
SA	2350	CLR	20			208	43	18	05	14		016		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NV

DATE 1982 JAN 31

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0049	26.850	41.9	34.2	45	0															0	8	.020			00-01
0145	26.850	42.1	34.1	44	0															0					01-02
0250	26.850	40.0	33.0	48	3															2					02-03
0350	26.820	36.6	31.7	60	8	8	Ci	E250												5	8	.030			03-04
0450	26.810	38.0	31.6	50	5															2					04-05
0549	26.820	35.0	30.1	58	3															1					05-06
0649	26.830	35.0	30.0	57	6	1	Ac	130	5	Ci	250	6								2	3	.010			06-07
0748	26.810	35.3	30.6	60	0															0					07-08
0848	26.830	43.8	35.3	42	0															0					08-09
0950	26.820	49.9	38.4	32	1	1	Ci	250												1	8	.010			09-10
1046	26.790	51.4	38.9	29	1															1					10-11
1146	26.760	53.9	40.5	28	0															0					11-12
1248	26.720	54.1	40.4	27	1	1	Ci	250												0	8	.100			12-13
1347	26.680	58.8	42.8	23	1															0					13-14
1453	26.650	60.3	42.5	18	1															0					14-15
1549	26.660	61.3	42.3	15	1	1	Ci	250												0	5	.060			15-16
1649	26.650	58.7	41.2	17	0															0					16-17
1750	26.670	52.5	38.0	21	0															0					17-18
1846	26.680	49.0	35.8	22	0															0	3	.020			18-19
1945	26.690	48.8	35.8	23	0															0					19-20
2045	26.700	47.2	35.1	25	0															0					20-21
2149	26.720	45.9	34.1	25	3	3	Ci	250												2	3	.040			21-22
2248	26.740	44.8	34.8	34	6															2					22-23
2350	26.740	42.7	33.5	36	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	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	37	X	X						X		
	0345	1	0	0	0	44	37		0								
	0945	2	0	0	0	50	35		0								
	1544	3	0	0	0	61	50		0								
	2143	4	0	0	0	61	46		0								
	MID.	X	0	0	0	46	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.820	26.660	26.720
BAROGRAPH 64	26.820	26.815	26.655	26.720
BAR. CORR. 65	0	+.005	+.005	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
61	35	0	0	0	32	NW	1517					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0610P OK 2105P OK

MF1-10B