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: September

YEAR: 1981

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 ~~(mph)~~ (knots)	Peak Speed ~~FASTEST MILE~~ SPEED ~~(mph)~~ (knots)	DIRECTION	~~SUNSHINE~~ ~~TOTAL (Min.)~~ Ave. Stn. Pressure	~~PER CENT 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	97	64	81			16				9.3	24	SW	26.4	74	0		21	18	13	11
2	94	66	80			15				9.6	28	SW	26.4	48	0		18	16	9	11
3	96	63	80			15				8.4	26	SW	26.4	93	0		16	13	9	24
4	97	68	83			18				7.4	30	SE	26.4	64	1		44	21	18	53
5	93	67	80			15	.07			10.3	28	SE	26.4	56	3	T, RW	61	38	28	40
6	85	62	74			9	.17			9.3	30	W	26.6	23	7	T, RW	75	57	32	51
7	83	63	73			8				8.1	16	E	26.7	43	8		76	50	33	47
8	86	61	74			9	.22			9.2	32	N	26.7	38	8	T, RW	59	32	31	74
9	85	63	74			9	.02			6.8	26	E	26.6	30	7	T, RW	72	50	32	67
10	91	62	77			12				6.0	19	NE	26.5	98	1		69	42	25	40
11	94	67	81			16				6.3	21	E	26.6	64	2		44	27	20	37
12	94	65	80			15	T			6.5	22	E	26.6	66	2	T, RW	50	27	22	33
13	93	65	79			14				5.8	24	N	26.6	28	3	T	59	31	17	32
14	93	67	80			15	.01			7.3	40	NE	26.6	16	4	RW	48	27	17	30
15	93	67	80			15				7.6	18	NE	26.6	31	2		42	23	21	24
16	94	68	81			16				5.9	19	SW	26.6	91	2		34	23	15	32
17	93	65	79			14				4.5	26	E	26.7	38	5		38	23	19	30
18	96	65	81			16				5.7	14	NE	26.7	19	1		38	22	15	29
19	95	65	80			15				8.5	24	SW	26.5	99	2		37	28	21	24
20	92	73	83			18				12.5	27	SW	26.5	23	0		28	28	20	28
21	92	65	79			14				7.6	24	SW	26.5	15	0		41	27	20	30
22	91	64	78			13				9.7	24	S	26.5	04	0		37	25	18	32
23	88	62	75			10				8.7	28	SW	26.5	50	1		32	24	25	39
24	85	61	73			8				12.2	32	SW	26.5	65	2		27	28	24	28
25	81	60	71			6				7.9	25	S	26.5	66	5		34	30	25	33
26	86	54	70			5				6.0	16	NE	26.6	20	0		41	25	21	28
27	90	56	73			8				6.5	25	SW	26.5	90	0		36	24	19	26
28	87	63	75			10				9.0	24	S	26.5	15	10		36	22	19	26
29	82	64	73			8				9.4	28	S	26.4	68	10		25	20	23	32
30	85	62	74			9				10.5	27	NE	26.5	83	7		38	30	21	40
31																				
SUM	2711	1917	—	—	0	371	.49	0	—	242.5	—	—	797.6	18	93	—	1276	851	632	1031
AVG	90.4	63.9	—	—	—	—	—	—	—	8.1	FASTEST	DIRECTION	~~POSSIBLE~~	*	3.1	—	42.5	28.4	21.1	34.4
										MISC. →	40	NE	26.5	87		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 77.1

DEPARTURE FROM NORMAL —

HIGHEST 97 ON 1, 4

LOWEST 54 ON 26

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 19

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 371

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 2460

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .49 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HRS.~~ Daily .22 ON 8

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST ~~IN 24 HRS.~~ Daily 0 ON —

GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 20

PARTLY CLOUDY (Scale 4–7) 6

CLOUDY (Scale 8–10) 4

WITH 0.01 INCH OR MORE PRECIP. 5

WITH 0.10 INCH OR MORE PRECIP. 2

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

RW = RAINSHOWER
T = THUNDER

MAXIMUM PRECIPITATION

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

Station Pressure

HIGHEST ~~SEA LEVEL~~ 26.800 IN. ON 7

LOWEST ~~SEA LEVEL~~ 26.380 IN. ON 5

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: 1981 SEP 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. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0045	CLR	20			074	71	24	11	02		988	303	LEF
SA	0150	CLR	20			076	68	24	06	03		988		LEF
SA	0248	CLR	20			078	68	24	05	10		989		LEF
SA	0349	CLR	20			086	65	24	06	02		991	208 65 RADAT 29149	JD
SA	0448	CLR	20			087	65	24	07	04		991		JD
SA	0548	CLR	20			095	65	25	08	03		993		JD
SA	0648	CLR	20			098	73	28	26	02		994	210	JD
SA	0748	CLR	20			100	78	29	23	03		995		JD
SA	0848	CLR	20			099	85	32	30	02		995		JD
SA	0948	CLR	20			098	88	40	19	04		995	002 64	JD
SA	1048	CLR	20			087	92	37	23	15		992		JD
SA	1149	CLR	20			078	93	37	19	14		989		JD
SA	1248	CLR	20			068	95	35	23	16		986	725 1100	JD
SA	1348	CLR	20			061	95	40	20	14		984		JD
SA	1450	CLR	20			054	96	38	22	12	G23	982		JD
SA	1546	CLR	20			051	95	37	20	17		981	719 1100 97 RADAT 20160	LEF
SA	1645	CLR	20			047	93	35	20	16		980		LEF
SA	1747	CLR	20			050	91	33	21	13		980		LEF
SA	1846	CLR	20			048	88	32	20	12		981	500	LEF
SA	1950	CLR	20			054	85	34	19	11		982		LEF
SA	2046	CLR	20			052	85	32	20	12		982		LEF
SA	2147	CLR	20			047	85	25	20	18		982	003 97	LEF
SA	2246	CLR	20			048	82	25	20	12		982		LEF
SA	2345	CLR	20			050	80	25	18	07		982		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
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: ~~1981 SEP 1~~ WSMO, DESERT ROCK, NV

DATE: 1981 SEP 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.
0045	26.485	70.8	49.0	17	0															0	3	0.10			00-01
0150	26.485	68.1	47.9	19	0															0					01-02
0248	26.495	67.6	47.9	20	0															0					02-03
0349	26.510	64.7	46.3	21	0															0	2	.025			03-04
0448	26.510	64.7	46.2	21	0															0					04-05
0548	26.530	65.4	46.9	22	0															0					05-06
0648	26.540	73.1	50.9	18	0															0	2	.030			06-07
0748	26.545	78.1	53.3	16	0															0					07-08
0848	26.550	84.5	56.6	15	0															0					08-09
0948	26.545	88.2	60.3	18	0															0	0	.005			09-10
1048	[illegible].520	91.6	60.5	15	0															0					10-11
11[illegible]	[illegible]95	93.3	61.0	14	0															0					11-12
12[illegible]	[illegible]0	95.0	61.2	12	0	0	Cu	100												0	7	.075			12-13
13[illegible]	[illegible]0	95.3	62.7	15	0															0					13-14
14[illegible]	[illegible]0	96.4	62.6	13	0															0					14-15
15[illegible]	[illegible]0	95.3	61.7	13	0	0	Cu	100												0	7	.055			15-16
16[illegible]	[illegible]05	93.0	60.5	13	0															0					16-17
17[illegible]	[illegible].410	90.5	59.0	13	0															0					17-18
18 40	26.415	87.6	57.7	14	0															0	5	.020			18-19
1950	26.430	84.8	57.3	16	0															0					19-20
20 ~~46~~	26.430	84.7	56.7	15	0															0					20-21
2147	26.425	84.5	54.5	11	0															0	0	0.10			21-22
2246	26.430	82.3	54.0	12	0															0					22-23
2345	26.430	80.0	53.0	13	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	71	65	X	X						X		
	0345	1	0	0	0	76	65		0								
	0944	2	0	0	0	89	64		0								
	1541	3	0	0	0	97	88		C								
	2142	4	0	0	0	95	84		0								
	MID.	X	0	0	0	85	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.545	26.415	26.425
BAROGRAPH 64	26.490	26.535	26.410	26.410
BAR. CORR. 65	+.020	+.010	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	64	0	0	0	24	SW	1217					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: 0552 P 4 SEC SLOW 2110 3/2 SEC SLOW

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: 1981 SEP 2

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 (10-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0047	CLR	20			048	77	29	01	04		982	000	LEF
SA	0145	CLR	20			052	75	28	15	03		982		LEF
SA	0249	CLR	20			053	71	29	05	02		982		LEF
SA	0347	CLR	20			053	71	26	03	05		982	102 69 RADAT 36146	JD
SA	0448	CLR	20			055	68	24	23	03		982		JD
SA	0548	CLR	20			065	68	24	04	06		984		JD
SA	0648	CLR	20			071	72	26	24	03		986	314	JD
SA	0748	CLR	20			073	79	30	26	03		987		JD
SA	0848	CLR	20			066	85	37	23	14		986		JD
SA	0949	CLR	20			070	88	35	24	16	G24	987	203 66	JD
SA	1048	CLR	20			066	89	34	24	14	G25	986		JD
SA	1149	CLR	20			064	92	34	22	14	G23	986		JD
SA	1249	CLR	20			060	92	31	18	14	G23	984	810	JD
SA	1349	CLR	20			058	93	29	21	10	G20	984		JD
SA	1450	CLR	20			054	93	30	20	12	G22	982		JD
SA	1547	CLR	20			052	93	26	20	20		982	708 94 RADAT 20151	LEF
SA	1646	CLR	20			052	92	26	21	17		981		LEF
SA	1746	CLR	20			051	89	21	19	15		981		LEF
SA	1845	CLR	20			057	86	17	20	13		982	302	LEF
SA	1947	CLR	20			060	84	22	20	11		984		LEF
SA	2049	CLR	20			061	83	21	24	06		984		LEF
SA	2147	CLR	20			061	82	22	24	07		985	208 94	LEF
SA	2245	CLR	20			063	80	24	21	09		986		LEF
SA	2348	CLR	20			064	80	24	15	09		986		LEF

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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: 1981 SEP 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 47	26.425	76.8	52.7	17	0															0	0	000			00-01
01 45	26.430	75.0	51.9	18	6															0					01-02
02 49	26.430	71.0	49.8	20	0															0					02-03
03 47	26.430	71.1	49.6	18	0															0	1	.005			03-04
04 48	26.430	67.8	47.8	19	0															0					04-05
05 48	26.450	67.8	47.8	19	0															0					05-06
06 48	26.470	72.2	50.2	18	0															0	3	.040			06-07
07 48	26.480	78.7	53.9	17	0															0					07-08
08 48	26.470	84.8	58.0	18	0															0					08-09
09 49	26.480	87.5	58.6	16	0															0	2	.010			09-10
10 48	26.470	88.8	58.8	14	0															0					10-11
11 49	26.465	92.2	59.8	13	0															0					11-12
12 48	26.450	91.6	59.0	12	0															0	8	.030			12-13
13 49	26.445	92.8	58.9	10	0															0					13-14
14 50	26.430	92.6	59.0	11	0															0					14-15
15 47	26.425	93.3	58.4	9	0															0	7	025			15-16
16 46	26.420	91.8	57.8	9	0															0					16-17
17 46	26.415	89.3	55.9	8	0															0					17-18
18 45	26.430	86.4	54.1	8	0															0	3	005			18-19
19 47	26.445	84.1	54.0	10	0															0					19-20
20 45	26.450	83.1	53.4	10	0															0					20-21
21 47	26.455	82.2	53.2	11	0															0	2	025			21-22
22 45	26.460	80.4	53.0	12	0															0					22-23
23 48	26.465	80.4	53.0	12	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	80	69	X	X						X		
	0343	1	0	0	0	85	69		0								
	0945	2	0	0	0	89	66		0								
	1542	3	0	0	0	94	88		0								
	2142	4	0	0	0	93	82		0								
	MID.	X	0	0	0	82	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.480	26.425	26.455
BAROGRAPH 64	26.415	26.470	26.425	26.455
BAR. CORR. 65	+.015	+.010*	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	66	0	0	0	28	SW	1107					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: 0451P 3 SEC SLOW 2325 3 SEC SLOW

* 0953P Barograph Changed 0 corr.

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: 1981 SEP 3

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundred 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	0045	CLR	20			065	73	14	03	04		986	103	LEF
SA	0147	CLR	20			069	70	21	03	05		987		LEF
SA	0245	CLR	20			071	70	22	03	05		987		LEF
SA	0345	CLR	20			075	69	21	06	07		988	307 68 RADAT 35L146153	RK
SA	0445	CLR	20			081	66	22	06	06		989		RK
SA	0545	CLR	20			087	66	21	11	03		991		RK
SA	0648	CLR	20			095	69	22	12	03		993	215	RK
SA	0750	CLR	20			097	78	26	25	05		994		RK
SA	0850	CLR	20			096	82	30	17	06		995		RK
SA	0946	CLR	20			096	86	29	19	10		995	105 63	RK
SA	1049	CLR	20			088	90	31	22	16		993		RK
SA	1145	CLR	20			079	93	29	22	16	G23	991		RK
SA	1245	CLR	20			079	94	26	21	15	G24	990	815	RK
SA	1345	CLR	20			074	94	22	21	15	G24	988		RK
SA	1450	CLR	20			066	95	22	19	12	G23	986		RK
SA	1550	CLR	20			065	94	25	21	15	G25	985	714 96 RADAT 20146	CG
SA	1648	CLR	20			067	94	27	21	13		985		CG
SA	1748	CLR	20			069	90	31	20	08		985		CG
SA	1846	CLR	20			070	84	33	18	07		985	400	CG
SA	1955	CLR	20			072	82	34	11	08		986		CG
SA	2047	CLR	20			073	81	35	12	09		987		CG
SA	2145	CLR	20			073	79	40	35	03		987	107 96	CG
SA	2247	CLR	20			071	77	41	01	05		987		CG
SA	2347	CLR	20			072	75	39	36	05		987		CG

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: 1981 SEP 3

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0045	26.465	73.0	48.0	10	0															0	1	010				00-01
0147	26.470	70.0	47.9	15	0															0						01-02
0245	26.475	70.0	48.2	16	0															0						02-03
0345	26.485	68.9	47.5	16	0															0	3	020				03-04
0445	26.495	65.7	46.3	19	0															0						04-05
0545	26.510	65.9	46.2	18	0															0						05-06
0648	26.530	68.6	47.6	17	0															0	2	045				06-07
0750	26.540	78.2	52.6	15	0															0						07-08
0850	26.545	82.0	55.0	15	0															0						08-09
0946	26.545	85.5	56.2	13	0															0	1	015				09-10
1049	26.530	89.6	58.2	12	0															0						10-11
1145	26.510	93.2	59.0	10	0															0						11-12
1245	26.500	93.9	58.5	9	0															0	8	045				12-13
1345	26.485	93.6	57.6	7	0															0						13-14
1450	26.465	94.7	58.0	7	0															0						14-15
1550	26.460	93.6	58.3	9	0															0	7	.040				15-16
1648	26.460	93.9	58.7	9	0															0						16-17
1748	26.460	89.8	58.2	12	0															0						17-18
1846	26.460	83.9	56.7	16	0															0	4	.000				18-19
1955	26.470	82.1	56.3	18	0															0						19-20
2047	26.480	81.1	56.5	19	0															0						20-21
2145	26.480	79.1	56.9	24	0															0	1	.020				21-22
2247	26.480	76.9	56.7	28	0															0						22-23
2347	26.480	74.8	55.1	28	0															0						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	80	68	X	X						X		
	0342	1	0	0	0	82	68		0								
	0943	2	0	0	0	86	63		0								
	1545	3	0	0	0	96	86		0								
	2143	4	0	0	0	95	79		0								
	MID.	X	0	0	0	79	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1549	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.485	26.545	26.460	26.480
BAROGRAPH 64	26.485	26.540	26.460	26.470
BAR. CORR. 65	0	+005	0	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
96	63	0	0	0	26	SW	1216					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: 1249P 3 Sec Slow 2103LST 3 Sec. Slow

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: 1981 SEP 4

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT °F (8)	WIND DIRECTION (09-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSER'S INITIALS (15)
SA	0049	CLR	20			070	77	45	36	07		987	400	CG
SA	0146	CLR	20			069	79	46	03	04		987		CG
SA	0246	CLR	20			069	77	49	06	03		987		CG
SA	0345	CLR	20			077	72	49	00	00		989	305 72 RADAT 20148	RK
SA	0445	CLR	20			077	72	49	04	04		989		RK
SA	0545	CLR	20			081	68	50	00	00		989		RK
SA	0645	CLR	20			086	74	45	29	03		991	305 1100	RK
SA	0747	CLR	20			085	82	47	30	03		991		RK
SA	0846	CLR	20			083	86	43	27	04		991		RK
SA	0946	90 SCT 140 SCT	20			083	89	44	18	04		991	400 1230 68	RK
SA	1050	90 SCT 140 SCT	20			072	92	51	22	18G24		988	CB DSNT ESE	RK
SA	1148	90 SCT	20			065	94	49	21	13G20		986	CB DSNT SE	RK
SA	1245	90 SCT	20			056	95	49	22	12G23		984	TCU NE-SE 820 1200	RK
SA	1345	90 SCT	20			045	95	47	21	16G23		981	TCU NE-SE	RK
SA	1450	90 SCT	20			040	95	46	22	14G21		980	TCU NE-SE	RK
SA	1545	90 SCT	20			036	95	44	22	09	619	978	720 1200 97 RADAT 26144	CG
SA	1645	90 SCT	20			038	94	45	20	11		978	TCU SE	CG
SA	1747	90 SCT	20			044	91	52	11	14		979		CG
SA	1845	90 SCT	20			050	83	53	13	13		980	307 1100	CG
SA	1945	90 SCT	20			064	78	56	36	04		984		CG
SA	2045	90 SCT	20			066	76	56	30	07		985		CG
SA	2151	90 SCT	20			065	74	56	31	06		985	117 1100 97	CG
SA	2247	90 SCT	20			069	72	55	03	06		986		CG
SA	2347	90 SCT	20			064	71	56	02	02		985		CG

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO: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: 1981 SEP 4

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.480	77.2	58.4	32	0															0	4	.060				00-01
01 46	26.480	78.7	59.4	32	0															0						01-02
02 46	26.480	76.6	59.9	38	0															0						02-03
03 45	26.495	72.0	58.0	44	0															0	3	015				03-04
04 45	26.495	77.9	58.0	44	0															0						04-05
05 45	26.495	68.3	57.3	52	0															0						05-06
06 45	26.510	73.5	56.9	36	0	0	Cu	60												0	3	015				06-07
07 47	26.510	81.8	60.9	30	0															0						07-08
08 46	26.510	86.2	60.6	22	0															0						08-09
09 46	26.510	89.0	62.0	21	1	1	Cu	90	0	Ac	140	1								1	4	000				09-10
10 50	26.485	92.2	65.9	25	3															3						10-11
11 48	26.465	93.9	65.7	22	3															3						11-12
12 45	26.450	95.3	65.9	21	3	3	Cu	90												3	8	060				12-13
13 45	26.420	94.7	65.0	20	1															1						13-14
14 50	26.405	95.2	64.9	19	1															1						14-15
15 45	26.390	94.9	64.1	18	2	2	Cu	90												2	7	.060				15-16
16 49	26.390	93.9	63.8	18	2															2						16-17
17 47	26.400	90.5	65.7	27	2															2						17-18
18 45	26.410	82.7	63.5	35	2	2	Cu	90												2	3	.020				18-19
19 45	26.450	77.8	63.6	47	2															2						19-20
20 45	26.460	76.2	63.0	49	1															1						20-21
21 51	26.460	73.9	62.1	53	1	1	Cu	90												1	1	.050				21-22
22 47	26.470	71.9	61.1	55	1															1						22-23
23 47	26.460	71.0	61.3	59	1															1						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	79	72	X	X						X		
	0342	1	0	0	0	79	72		0								
	0944	2	0	0	0	89	68		0								
	1542	3	0	0	0	97	89		0								
	2147	4	0	0	0	95	74		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1544	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.495	26.510	26.390	26.460
BAROGRAPH 64	26.490	26.505	26.390	26.460
BAR. CORR. 65	+.005	+.005	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
97	68	0	0	0	30	SE	1907					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: 0930 PST 3 SEC slow 2115 PST 3 SEC. slow (CORRECTED)

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: 1981 SEP 5

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (10's of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORTER INITIALS (15)
SA	0048	90 SCT	20			064	71	54	07	02		985	000 1100	CG
SA	0146	90 SCT	20			066	68	53	01	05		985		CG
SA	0246	90 SCT	20			070	67	53	17	03		986	67	CG
SA	0346	CLR	20			072	68	54	00	00		987	305 1100 RADAT 51139	RK
SA	0445	CLR	20			074	66	51	00	04		987		RK
SA	0545	CLR	20			079	66	52	01	04		988		RK
SA	0651	CLR	20			085	71	55	30	05		990	308 1200	RK
SA	0745	CLR	20			088	75	54	35	04		991		RK
SA	0850	CLR	20			084	79	56	12	13		990		RK
SA	0945	90 SCT	20			085	83	54	07	04		990	000 1200 65	RK
SA	1047	90 SCT	20			074	87	50	18	15G20		987		RK
SA	1148	90 SCT	20			065	89	49	20	12G15		985		RK
SA	1245	90 SCT	20			064	89	48	19	19G26		984	617 1200	RK
SA	1345	90 SCT	20			056	91	52	23	15G22		982	TCU E	RK
SA	1450	90 SCT	20			052	91	49	21	15G19		981	CB DSNT NW	RK
SA	1546	90 SCT E250 BKN	20			036	91	53	20	18		976	724 ~~1264~~ 1208 93 RADAT 49138	CG
SA	1648	90 SCT 250 - BKN	20			038	90	53	20	14		976	CB SE	CG
SA	1748	90 SCT 250 SCT	20			039	87	52	21	15		976	CB SE	CG
SA	1849	90 SCT 250 SCT	20			043	85	54	19	10		978	CB LGT DSNT N-NE / 303 1908	CG
SA	1947	90 SCT	20			044	84	54	22	11		979	~~LGT~~ LTG DSNT NE	CG
SA	2046	90 SCT	20			054	84	55	18	13		982	~~LGT~~ LTG DSNT NE	CG
SP	2133	E90 BKN	20		T				12	15	624	985	TB22 T FQT ~~LGT~~ LTG LGCC NE-E MOVG SW	CG
SA	2146	E90 OVC	20		T	072	76	50	12	18		986	TB22 T FQT ~~LGT~~ LTG LGCCIC NE MOVG SW / 327 1911 93	CG
SP	2230	E90 OVC	20		~~T~~ TRW				09	09		993	T OVHD MOVG SW FQT ~~LGT~~ LTG LGCCIC RB01 PRESRR	CG
SP	2241	E90 OVC	20		TRW-				09	11		990	T OVHD MOVG SW FQT ~~LGT~~ LTG LGCCIC PRESFR	CG
SA	2247	E90 OVC	20		TRW-	083	67	57	12	18		992	T E-S MOVG S FQT ~~LGT~~ LTG LGCCIC E-S PRESRR	CG
SP	2317	E90 OVC	20						12	14		990	TE16 RE16 T MOVD S ~~LGT~~ LTG S	CG
SA	2348	E90 BKN	20			076	68	52	04	10	620	987	TE16 RE16 T MOVD S ~~LGT~~ LTG DSNT SE	CG

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_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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: 1981 SEP 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 48	26.460	70.7	60.1	55	1	1	Cu	90												1	0	.000			00-01
01 46	26.460	68.3	58.8	58	1															1					01-02
02 46	26.470	67.1	58.3	60	1															1					02-03
03 46	26.475	67.9	59.1	61	0	0	Cu	90												0	3	015			03-04
04 45	26.475	66.2	57.2	59	0															0					04-05
05 45	26.485	65.6	57.5	62	0															0					05-06
06 51	26.500	71.0	61.0	58	0	0	Cu	90												0	3	025			06-07
07 45	26.510	75.2	61.9	47	0															0					07-08
08 50	26.500	78.9	64.0	46	0															0					08-09
09 45	26.500	82.5	64.1	38	1	1	Cu	90												1	0	000			09-10
10 47	26.475	87.2	64.0	28	2															2					10-11
11 48	26.455	88.8	63.5	25	4															4					11-12
12 45	26.450	89.2	63.8	25	3	3	Cu	90												3	6	050			12-13
13 45	26.430	90.7	65.8	27	3															3					13-14
14 50	26.420	91.4	64.8	24	4															4					14-15
15 46	26.380	90.8	66.4	28	6	4	Cu	90	2	Cs	E90	6								5	7	.070			15-16
16 48	26.380	90.1	65.9	28	7															3					16-17
17 48	26.380	87.2	64.8	30	3															2					17-18
18 49	26.390	84.9	64.7	34	4	3	Cb	90	1	Cs	250	4								3	3	.010			18-19
19 47	26.400	84.3	64.9	36	4															4					19-20
20 46	26.430	83.9	65.3	38	5															5					20-21
21 46	26.470	76.2	60.0	40	10	10	Cb	E90												10	3	.080			21-22
22 47	26.520	67.1	60.6	70	10															10					22-23
23 48	26.480	67.7	58.3	58	9															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	71	67	X	X						X		
	0343	1	0	0	0	74	67		0								
	0942	2	0	0	0	83	65		0								
	1543	3	0	0	0	93	83		0								
	2142	4	0	0	0	92	76		0								
	MID.	X	.07	0	0	76	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1545	2145
ATT. THERM. 60		*		
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.475	26.500	26.380	26.470
BAROGRAPH 64	26.470	26.490	26.380	26.470
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 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
93	65	.07	0	0	28	SE	2106					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	2122	2316			
RW-	2201	2229			
~~T~~	~~2229~~	~~2240~~			
RW	2229	2240			
~~T~~	~~2240~~	~~2316~~			
RW-	2240	2316			

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: 0900 ON TIME 2036 PST OK

* 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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 SEP 6

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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (10's of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0045	E90 BKN 250 OVC	20			083	69	52	04	14	G23	990	11007 1208	CG
SA	0145	90 SCT E250 BKN	20			091	67	55	12	11		997	~~LTG~~ DSNT SE	CG
SA	0247	90 SCT E250 BKN	20			103	65	58	11	10		995	~~LTG~~ DSNT S	CG
SA	0350	90 SCT E 250 BKN	20			106	64	56	11	09		996	LTG SE SW / 22007 1408	—
—	—	—	—	—	—	—	—	—	—	—	—	—	68 ~~24007~~ 22007 RADAT 46133	008
SA	0450	E90 BKN 250 BKN	20			115	63	59	12	13		998		008
SA	0546	E80 BKN 250 BKN	20			129	63	58	11	06		002		008
SA	0645	E80 BKN 250 BKN	20			138	64	58	12	10	G17	004	224 1408	008
SA	0747	80 SCT E150 BKN 250 BKN	20			140	68	59	11	09		005		008
SA	0849	80 SCT 150 SCT E250 BKN	20			142	71	58	12	10	G15	006		008
SA	0948	80 SCT 150 SCT 250 SCT	20			145	74	57	12	10	G16	006	107 1468 62	008
SA	1046	80 SCT 250 SCT	20			144	77	55	11	09		005		008
SA	1147	60 SCT 100 SCT E250 BKN	20			139	79	52	11	07	G12	004	CB S MOVMT UNKN	008
SA	1248	60 SCT 100 SCT E250 BKN	20			129	81	54	07	06		002	CB S CB NW TCU ALQDS /	—
—	—	—	—	—	—	—	—	—	—	—	—	—	814 1903	008
SA	1346	60 SCT E250 BKN	20			123	81	53	12	09	G17	999	CB ALQDS	008
SA	1443	60 SCT E250 BKN	20			119	82	49	05	08		998	CB ALQDS	008
SA	1549	60 SCT E250 BKN	20			124	82	49	00	00		000	CB ALQDS / 507 1303	JC
/													85 RADAT 54128	/
SA	1651	60 SCT E100 BKN 250 BKN	20			124	82	51	12	07		000	CB ALQDS	JC
SA	1750	60 SCT 100 SCT 250-BKN	20			120	80	51	11	09		999		JC
RS	1847	E60 BKN 250 OVC	20		T	138	77	51	29	05		003	TB 43 NE MOVG S	JC
/													OCNL LTG IC / 310 1903	/
SA	1949	E60 BKN 250 BKN	20		TRW-	164	67	59	12	11		010	TE MOVG S OCNL	JC
/													LTG ICCG PRESRR RB	/
/													04	/
RS	2048	E60 BKN 250 BKN	20			161	67	56	09	17	G24	010	TE 39 MOVG S OCNL	JC
/													LTG SE AND SW REIO	/
SA	2149	E50 OVC	20			163	70	51	10	15	G21	011	CB AND LTG ALQDS	JC
/													12412 1911 85	/
SA	2247	E50 OVC	20			178	66	58	02	07		015	CB ALQDS MOVGS	JC
SA	2346	E50 OVC	20			166	65	57	14	11		012	CB OCNL LTG SW	JC
/													RBIS E28	/

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 $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9S_pS_psosp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: 1981 SEP 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 45	26.500	69.1	58.8	55	10	7	CU	E90	3	CS	250	10								9	1	.020			00-01
01 45	26.520	66.7	59.1	65	6															5					01-02
02 47	26.550	64.5	59.0	73	7															6					02-03
03 50	26.560	63.8	58.8	75	7	3	SC	90	4	CS	E250	7								7	2	.060			03-04
04 50	26.580	63.0	60.1	85	9															9					04-05
05 46	26.610	62.8	60.0	85	8															8					05-06
06 45	26.630	64.0	60.2	81	9	8	SC	E80	1	CS	250	9								9	2	.070			06-07
07 47	26.640	67.8	61.8	72	9															8					07-08
08 49	26.650	71.1	62.7	64	7															6					08-09
09 48	26.650	73.6	63.0	57	5	2	SC	80	2	AC	150	4	1	CS	250	5				5	1	.020			09-10
10 46	26.640	76.9	62.6	46	3															3					10-11
11 47	26.630	79.3	62.2	39	6															4					11-12
12 48	26.610	81.0	63.8	40	8	2	CB	60	2	CU	100	4	4	CI	E250	8				7	8	.040			12-13
13 46	26.590	80.9	63.3	39	7															7					13-14
14 43	26.580	82.4	62.0	32	7															7					14-15
15 49	26.590	82.4	62.0	32	9	3	CB	60	6	CI	E250	9								7	5	.020			15-16
16 51	26.590	81.5	62.4	35	9															8					16-17
17 50	26.580	80.1	62.0	37	8															3					17-18
18 47	26.620	77.4	61.0	40	10	7	CB	E60	3	CI	250	10								9	3	.030			18-19
19 49	26.680	67.2	61.8	75	9															8					19-20
20 48	26.680	67.4	60.0	66	9															9					20-21
21 49	26.690	70.0	58.4	51	10	10	CB	E50												10	1	.070			21-22
22 47	26.730	66.4	60.8	77	10															10					22-23
23 46	26.700	64.6	59.6	76	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342		0	0		69	62										
	0342	1	.07	0	0	76	62		0								
	0940	2	0	0	0	74	62		0								
	1545	3	0	0	0	85	73		0								
	2145	4	.12	0	0	84	66		2								
	MID.		.105	0	0	71	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.650	26.590	26.690
BAROGRAPH 64	26.560	26.660	26.590	26.690
BAR. CORR. 65	±0	-.010	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	62	.17	0	0	30	W	1849					7	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1843	2039			
RW-	1904	2010			
RW-	2315	2328			

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: 0804P - ON TIME / 1835 - ON TIME

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 SEP 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 (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	0052	60 SCT	20			162	65	55	07	07		011	00005 1100	JC
SA	0150	60 SCT 250 -BKN	20			169	65	55	04	10		013		JC
SA	0248	60 SCT 250 -OVC	20			172	65	52	04	09		014		JC
SA	0345	60 SCT 250 -OVC	20			173	64	56	10	10		014	DSNT LTG S/ 11005 140164	--
													20017 RADAT 96118	008
SA	0446	E60 BKN 250 OVC	20			185	64	52	05	06		017	DSNT LTG NE	008
SA	0547	E60 BKN 250 OVC	20			185	65	55	04	03		017	BINOVC VIRGA NE	008
SA	0648	60 SCT 100 SCT E 200 BKN	20			194	65	56	01	05		019	CB NE/ 217 1903	008
SA	0747	100 SCT E 200 BKN	20			208	65	55	12	10		022	CB E MOVG S	008
SA	0848	100 SCT 200 SCT	20			205	70	53	12	10		022	CB E	008
SA	0947	100 SCT E 200 BKN	20			205	73	53	07	08		023	210 1203 623	008
SA	1048	100 SCT E 200 BKN	20			199	75	52	14	12		021		008
SA	1147	100 SCT 200 -BKN	20			195	77	52	13	10		019		008
SA	1249	60 SCT 100 SCT 200 -BKN	20			189	80	51	12	08	G13	018	CB NW N SE / 614 1901	008
SA	1348	60 SCT 100 SCT 200 -OVC	20			182	79	51	14	07	G12	016	CB NW N SE	008
SA	1441	~~E60~~ E 100 BKN 200 OVC	20			178	79	51	06	08		015	BINOVC CB SE	008
SA	1549	100 SCT 200 -OVC	20			170	81	49	10	07		013	717 1131 83 RADAT 83124	JC
SA	1647	60 SCT 100 SCT 200 -BKN	20			171	80	51	10	06		013		JC
SA	1746	100 SCT 200 -BKN	20			171	78	49	12	07		013		JC
SA	1849	100 SCT 200 -SCT	20			173	76	50	09	08		013	400 1131	JC
SA	1947	E100 BKN 200 BKN	20			180	75	50	08	10		015		JC
SA	2046	100 SCT 200-SCT	20			175	73	51	09	08		014		JC
SA	2150	100 SCT 200 SCT	20			181	73	51	09	07		016	110 1071 83	JC
SA	2248	CLR	20			185	69	50	04	11		017		JC
SA	2345	CLR	20			184	67	48	04	08		017		JC

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_{daop} $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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: 1981 SEP 7

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.690	65.0	58.5	70	4	4	Cu	60												4	0	.020			00-01
01 50	26.710	65.1	59.0	71	7															3					01-02
02 48	26.720	65.0	57.3	64	10															4					02-03
03 45	26.720	64.0	59.1	76	10	4	Sc	60	6	Ci	250	10								5	1	.030			03-04
04 46	26.750	64.3	56.6	64	10															10					04-05
05 47	26.750	64.8	58.4	69	10															10					05-06
06 48	26.770	66.4	59.0	71	7	1	CB	60	3	Sc	100	4	3	Ci	5200	7				6	2	.050			06-07
07 47	26.790	65.0	59.0	71	8															6					07-08
08 48	26.790	70.0	59.3	55	5															4					08-09
09 47	26.800	73.4	60.8	50	7	3	Cu	100	4	Ci	5200	7								6	2	.030			09-10
10 48	26.780	74.8	60.8	46	8															7					10-11
11 47	26.770	77.1	61.2	41	6															3					11-12
12 49	26.760	79.7	62.0	38	7	1	CB	60	2	Cu	100	3	4	Ci	200	7				3	6	.040			12-13
13 48	26.740	78.8	61.4	39	10															5					13-14
14 41	26.730	79.2	61.5	37	10															6					14-15
15 49	26.710	80.8	61.4	33	10	0	Cu	60	2	Ac	100	2	8	Ci	200	10				2	7	.050			15-16
16 47	26.710	80.0	62.0	37	6															2					16-17
17 46	26.710	78.2	60.4	36	6															2					17-18
18 49	26.710	75.8	59.8	40	5	0	Cu	60	2	Ac	100	2	3	Ci	200	5				2	4	.000			18-19
19 47	26.730	75.0	59.9	42	8															5					19-20
20 46	26.720	72.8	59.5	47	4															2					20-21
21 50	26.740	72.7	59.4	47	3	2	Ac	100	1	Ci	200	3								2	1	.030			21-22
22 48	26.750	68.7	57.4	51	0															0					22-23
23 45	26.750	67.4	56.2	51	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	65	64	X	X						X		
	0340	1	.05	0	0	71	64		1								
	0942	2	0	0	0	75	63		1								
	1545	3	0	0	0	83	73		0								
	2145	4	0	0	0	81	72		0								
	MID.	X	0	0	0	74	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.800	26.710	26.740
BAROGRAPH 64	26.735	26.805	26.710	26.740
BAR. CORR. 65	-.015	-.005	±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
83	63	0	0	0	16	E	0914					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0710P - ON TIME / 1935P - ON TIME

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: 1981 SEP 8

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)	OB. METERS (14)
SA	0047	CLR	20			183	67	48	03	10		017	103	JC
SA	0148	CLR	20			185	66	48	05	08		017		JC
SA	0246	CLR	20			181	66	46	05	10		016		JC
SA	0350	CLR	20			182	64	49	06	03		016	702 63 RADAT 74125	008
SA	0444	CLR	20			181	66	47	02	04		016		008
SA	0543	250 -SCT	20			191	63	48	03	07		018		008
SA	0647	120 SCT E 250 BKN	20			194	69	50	35	04		019	310 1101	008
SA	0746	120 SCT 180 SCT 250 -BKN	20			197	70	48	04	08		020		008
SA	0847	120 SCT 180 SCT 250 -BKN	20			200	75	49	11	06		021		008
SA	0945	120 SCT 180 SCT E 250 BKN	20			198	76	44	01	10		021	107 1131 63	008
SA	1045	120 SCT 180 SCT E 250 BKN	20			192	78	43	02	10		019		008
SA	1147	100 SCT 180 SCT E 250 BKN	20			188	81	48	10	06		018		008
SA	1248	60 SCT 100 SCT E 180 BKN 250 BKN	20			183	82	50	34	10	G17	017	TCU NW VIRGA NE SE /	—
													614 1972	008
SA	1350	100 SCT E 180 BKN 250 BKN	20			176	82	50	03	14		015	CB NW NE SE	008
SA	1442	80 SCT 150 SCT E 250 BKN	20			165	83	49	05	06	G12	012	CB NW SE	008
SA	1549	60 SCT 120 SCT 250 -BKN	20			157	85	50	10	10		010	724 1131 86 RADAT	JC
/													69132	/
SA	1652	60 SCT E100 BKN 250 OVC	20			161	81	52	10	08		011	CB SE	JC
SA	1746	60 SCT 100 SCT 250 -BKN	20			163	81	50	10	08		011	CB RWU SE-S	JC
SA	1848	100 SCT 250 SCT	20			161	78	51	07	05		011	CB OCNL LTG DSNT	JC
/								54					NW / 103 1371	/
SA	1946	E60 BKN 100 BKN 250 OVC	20			168	74	61	05	14		013	CB OCNL LTGICCCCG	JC
/													NW-N MOVE SE	/
RS	2044	M35 OVC	10	/	TRW-	196	64	59	02	22	G28	020	TB4I NE MOVE SE	JC
/													OCNL LTGICCCCG NW-NE-	/
/													SE RBIS PRESRR	/
SP	2135	40 SCT E100 BKN 250 OVC	20	/	RW-				06	17	G24	017	TE32 MOVD SE OCNL	JC
/													LTGIC SE	/
SA	2149	E60 BKN 100 OVC	20			184	64	56	08	14		016	TE32 MOVD SE RE42	JC
/													01722 197/86	/
SA	2250	60 SCT E100 BKN 250 OVC	20			182	65	56	01	13		016		JC
SA	2344	E100 BKN 250 OVC	20			172	66	55	09	10		014		JC

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

FM11V: Iiiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp_s$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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: 1981 SEP 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 47	26.750	62.3	55.8	50	0															0	1	.010			00-01
01 48	26.750	65.7	53.2	52	0															0					01-02
02 46	26.740	65.6	55.5	54	0															0					02-03
03 50	26.740	63.6	55.1	59	0															0	7	.010			03-04
04 44	26.740	66.0	55.0	50	0															0					04-05
05 43	26.760	63.0	54.3	58	4															1					05-06
06 47	26.770	68.5	57.3	52	8	4	CU	120	4	Ci	6250	8								6	3	.030			06-07
07 46	26.780	70.4	57.1	45	8															4					07-08
08 47	26.790	74.7	59.1	40	8															4					08-09
09 45	26.790	76.4	57.6	32	9	1	CU	120	3	AC	180	4	5	Ci	6250					7	1	.020			09-10
10 45	26.770	78.0	59.7	34	8															6					10-11
11 47	26.760	80.8	61.0	32	8															7					11-12
12 48	26.750	81.9	62.0	33	9	1	CB	60	2	SC	100	3	3	AC	6180	6	3	Ci	250	8	6	.040			12-13
13 50	26.730	82.0	62.2	33	8															7					13-14
14 42	26.700	83.3	61.9	30	6															5					14-15
15 49	26.680	84.7	63.2	31	8	2	CU	60	2	AC	120	4	4	Ci	250	8				9	7	.070			15-16
16 52	26.690	81.4	62.8	36	10															7					16-17
17 46	26.690	80.1	61.9	34	8															3					17-18
18 48	26.690	78.4	61.4	39	5	0	CB	60	4	AC	100	4	1	Ci	250	5				3	1	.010			18-19
19 46	26.710	74.4	61.3	49	10															8					19-20
20 44	26.770	64.0	60.5	83	10															10					20-21
21 49	26.740	64.4	59.0	74	10	8	CB	660	2	AC	100	10								10	0	.050			21-22
22 50	26.740	65.0	59.2	72	10															8					22-23
23 44	26.720	65.7	58.8	67	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		68	63										
	0345	1	0	0	0	74	63			0							
	0940	2	0	0	0	80	63			0							
	1545	3	0	0	0	86	75			0							
	2145	4	.22	0	0	85	61			2							
	MID.		0	0	0	67	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0944	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.770	26.680	26.740
BAROGRAPH 64	26.750	26.800	26.685	26.750
BAR. CORR. 65	-.010	-.010	-.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86	61	.22	0	0	32	14	1959					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2015	2105			
T	2041	2132			
RW	2105	2120			
RW-	2120	2142			

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: 0854P- 1SEC SLOW / 1940P 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: 1981 SEP 9

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 (7)	DEW PT. (8)	WIND DIRECTION (10s of deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (14)
SA	0050	E70 BKN 100 OVC	20			170	64	57	11	09		013	810 1171/	JC
SA	0148	70 SCT 100 SCT 250 -SCT	20			161	65	56	32	04		011		JC
SA	0246	100 SCT 250 -BKN	20			157	65	56	04	08		010		JC
SA	0348	100 SCT E250 BKN	20			152	65	56	03	05		008	614 1402 63 20022 RHAT 91131	008
SA	0450	100 SCT E250 BKN	20			162	64	56	36	05		011		008
SA	0545	100 SCT E250 BKN	20			166	65	54	05	10		012		008
SA	0647	E100 BKN 250 BKN	20			167	65	56	13	12		012	110 1802	008
SA	0745	60 SCT E100 BKN 250 BKN	20			162	71	54	10	10		011	RWU W VIRGA E	008
SA	0849	60 SCT 100 SCT E250 BKN	20			167	72	56	05	08		011	VIRGA S	008
SA	0948	60 SCT 100 SCT E250 BKN	20			170	74	54	13	06		012	VIRGA S / 500 1802 ~~13~~ 61	008
SA	1045	60 SCT 140 SCT E250 BKN	20			165	76	54	14	05		011	RWU S	008
SA	1149	140 SCT 250 SCT	20			155	79	53	16	03		008	RWU SE	008
SA	1250	140 SCT 250 SCT	20		143	153	82	52	19	03		005	RWU NW / 820 ~~1602~~ 166	008
SA	1348	140 SCT E200 BKN	20			135	81	49	23	02		003	RWU N	008
SA	1447	100 SCT 150 SCT E200 BKN	20			128	82	49	06	02		001	TCU NW NE	008
SA	1549	60 SCT 140 SCT 250 -BKN	20			114	84	51	36	04		998	CB NW-NE / 824	JC
/													1331 84 RADAT 50137	/
SA	1650	60 SCT E100 BKN 250 OVC	20			118	84	50	34	05		999	CB RWU NW AND NE	JC
/													OCNL LTG ICCG NW	/
/													BINOVC SW	/
SP	1715	E60 BKN 100 BKN 250 OVC	20		TRW-				05	16	624	000	TB12 OVHD MOVE SE	JC
/													OCNL LTG ICCCCG	/
SA	1750	E60 BKN 100 BKN 250 OVC	20		TRW-	121	78	53	27	13	621	999	TB12 N AND SE-S MOVG	JC
/													SE OCNL LTG IC N RB08	/
SP	1833	60 SCT E100 BKN 250 OVC	20						10	09		996	TER9 MOVD SE OCNL	JC
/													LTG IC SE BINOVC W	/
SA	1848	60 SCT 100 SCT E250 BKN	20			112	73	55	03	04		996	TER9 MOVD SE OCNL	JC
/													LTG DSNT SE RE15	/
/													80702 1973	/
SA	1947	100 SCT 250 SCT	20			118	71	55	05	10		998	CB DSNT SE	JC
SA	2046	100 SCT	20			126	70	58	10	06		000		JC
SA	2149	E100 BKN	20			120	70	58	34	07		999	CB OCNL LTG DSNT NE	JC
/													01002 1970 85	/
SA	2244	100 SCT	20			122	73	55	14	07		000	OCNL LTG DSNT E	JC
SA	2343	100 SCT	20			123	68	57	12	15	626	000	OCNL LTG DSNT SE	JC

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: 1981 SEP 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	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	26.710	64.4	59.4	76	10	7	Cu	1570	3	Ac	100	10								10	8	.030			00-01
01 48	26.690	64.8	59.2	73	4															2					01-02
02 46	26.680	64.6	58.9	73	7															3					02-03
03 48	26.670	64.8	59.0	72	8	5	Sc	100	3	Ci	E250	8								7	6	.040			03-04
04 50	26.690	64.3	59.0	74	8															7					04-05
05 45	26.700	65.2	58.3	67	8															7					05-06
06 47	26.700	65.3	59.6	73	8	6	Sc	E100	2	Ci	250	8								8	1	.030			06-07
07 45	26.690	71.0	60.3	55	7															7					07-08
08 49	26.690	71.5	61.8	59	7															6					08-09
09 45	26.700	74.2	61.4	50	7	1	Sc	60	4	Cu	100	5	2	Ci	E250	7				7	5	.000			09-10
10 45	26.690	75.6	61.9	47	7															7					10-11
11 49	26.670	78.6	62.2	41	4															4					11-12
12 50	26.640	82.0	62.9	35	4	3	Ac	140	1	Ci	250	4								4	8	.060			12-13
13 48	26.620	81.4	61.2	32	6															6					13-14
14 47	26.600	81.8	61.6	32	9															8					14-15
15 49	26.570	84.4	63.4	32	9	2	CB	60	0	Ac	140	2	7	Ci	250	9				4	8	.070			15-16
16 50	26.580	83.5	62.4	31	10															9					16-17
17 50	26.580	78.4	62.4	42	10															9					17-18
18 48	26.550	73.2	61.8	54	9	4	CB	60	1	Ac	100	5	4	Ci	E250	9				7	8	.020			18-19
19 47	26.570	71.2	61.0	57	3															2					19-20
20 46	26.590	69.7	61.8	65	3															2					20-21
21 49	26.580	69.5	62.0	67	8	0	CB	60	8	Ac	E100	8								7	0	.030			21-22
22 44	26.590	73.2	61.4	52	5															3					22-23
23 43	26.590	68.3	61.0	67	5															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 0342		0	0		66	63										
	0342	1	0	0	0	67	63		2								
	0940	2	0	0	0	77	63		2								
	1545	3	0	0	0	84	74		0								
	2145	4	.02	0	0	85	68		1								
	MID.		0	0	0	78	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0944	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.700	26.570	26.580
BAROGRAPH 64	26.680	26.700	26.560	26.580
BAR. CORR. 65	-.010	10	+.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 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
85	63	.02	0	0	26	E	2353 ‖					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1708	1815			
T	1712	1829			

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: 0830P - 1 SEC. SLOW 1945P ON TIME

1000P - CHANGED BARAGRAPH

‖ LAST OF SEVERAL OCCURRENCES

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: 1981 SEP 10

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (100's °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			115	71	53	10	13		999	FEW AC SE/000 1070	JC
SA	0146	CLR	20			122	67	56	10	04		000	FEW AC SE	JC
SA	0244	CLR	20			124	67	56	12	07		001		JC
SA	0349	CLR	20			120	66	56	10	10		999	003 1030 65 20002	US
—	—	—	—			—					—		RADAT 44137	/
SA	0449	CLR	20			123	64	55	32	04		999	FEW AC N	US
SA	0549	250-SCT	20			130	64	55	11	04		000		US
SA	0648	250-SCT	20			138	67	56	32	05		003	310 1001	US
SA	0749	250-SCT	20			139	72	56	00	00		004	FEW CU SE	US
SA	0849	CLR	20			135	75	54	30	03		003	CU SE	US
SA	0949	CLR	20			133	80	55	17	04		003	CU SE AND SW/000 1100 62	US
SA	1051	CLR	20			125	83	54	16	04		002	CU SE SW AND N	US
SA	1145	CLR	20			123	85	53	35	03		001	TCU NW	US
SA	1252	CLR	20			116	87	55	04	03		999	CB NW MOST UNK/812 1900	US
SA	1350	CLR	20			115	88	47	05	10		998	CB S AND NW-N	US
SA	1445	70 SCT	20			107	88	50	14	05		996	CB E-NW	US
SA	1550	100 SCT 250 SCT	20			103	89	49	12	07		995	CB NE LTL MOUNT	/
—	—												712 1903 91	/
—	—												RADAT 52139	WRC
SA	1650	100 SCT 250 SCT	20			105	88	48	12	11		995	CB DSNT NE	WRC
SA	1750	100 SCT 250-SCT	20			106	86	47	12	09		995	CB DSNT N STNRY	WRC
SA	1850	100 SCT	20			116	82	49	12	08		998	CB DSNT N STNRY	—
—	—	—	—				—	—	—	—		—	310 1900	WRC
SA	1950	100 SCT	20			126	81	49	12	06		002	CB DSIPTD	WRC
SA	2050	100 SCT	20			130	78	50	12	05		003		WRC
SA	2146	100 SCT	20			134	76	50	33	05		004	217 1400 91	WRC
SA	2250	100 SCT	20			136	76	51	04	06		005		WRC
SA	2350	140 SCT	20			138	76	48	07	08		006		WRC

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 $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NV

DATE 1981 SEP 10

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 47	26.580	71.4	60.0	53	0	0	Ac	100												0	0	.000			00-01
01 46	26.590	67.8	59.8	66	0															0					01-02
02 44	26.600	67.8	59.9	67	0															0					02-03
03 49	26.590	66.4	59.7	69	0	0	Ac	100												0	0	.010			03-04
04 49	26.590	63.6	58.4	74	0															0					04-05
05 49	26.600	64.0	58.5	73	5															1					05-06
06 48	26.620	67.3	60.0	67	2	2	Ci	250												0	3	.030			06-07
07 49	26.625	72.2	61.6	56	2															0					07-08
08 49	26.620	75.3	61.8	48	0															0					08-09
09 49	26.620	80.0	63.8	42	0	0	Cu	80												0	0	.000			09-10
10 51	26.610	82.6	64.0	37	0															0					10-11
11 45	26.600	84.8	64.4	34	0															0					11-12
12 52	26.585	86.8	66.0	34	0	0	Cb	70												0	8	.035			12-13
13 50	26.580	88.0	62.7	24	0															0					13-14
14 45	26.560	88.3	64.0	27	1															1					14-15
15 50	26.550	88.6	63.7	25	3	2	Cb	100	1	Ci	250	3								3	7	.035			15-16
16 50	26.550	87.7	63.3	26	3															2					16-17
17 50	26.550	85.6	62.2	27	2															2					17-18
18 50	26.580	82.2	61.9	32	1	1	Cb	100												1	3	.030			18-19
19 50	26.610	79.8	61.0	34	2															2					19-20
20 50	26.620	78.2	60.9	35	2															2					20-21
21 46	26.630	76.1	60.0	40	2	2	Sc	100												2	2	.050			21-22
22 50	26.640	75.6	60.2	42	3															3					22-23
23 50	26.645	75.5	59.0	38	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		71	65										
	0343	1	0	0	0	73	65		1								
	0942	2	0	0	0	80	62		0								
	1546	3	0	0	0	91	60		0								
	2143	4	0	0	0	90	76		0								
	MID.		0	0	0	78	76										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.620	26.550	26.630
BAROGRAPH 64	26.590	26.620	26.550	26.610
BAR. CORR. 65	±0	±0	±0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
91	62	0	0	0	17	NE	1317					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: 0833P ON TIME

2355P 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: 1981 SEP 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	140 SCT	20			141	72	52	09	05		007	208 1070	WRL
SA	0150	CLR	20			144	70	52	07	05		007	FEW AC W	WRL
SA	0250	CLR	20			144	70	51	03	07		007	FEW AC W	WRL
SA	0349	CLR	20			142	72	49	08	06		007	102 1030 69 RADAT 66132	LS
SA	0450	CLR	20			149	68	52	06	03		008		LS
SA	0549	CLR	20			151	68	50	00	00		009	AC DSNT NW	LS
SA	0649	CLR	20			155	72	53	00	00		011	208	LS
SA	0749	CLR	20			156	78	50	36	06		011		LS
SA	0848	CLR	20			156	83	51	03	05		012	CU SE AND NW	LS
SA	0947	CLR	20			156	86	48	09	11		012	TCU SE/103 1200 67	LS
SA	1048	CLR	20			153	88	48	09	14		011	TCU SE-W	LS
SA	1146	CLR	20		146	137	89	49	10	15		009	CB SSW W AND NW	LS
SA	1250	CLR	20			139	89	47	10	04		009	CB E S AND NW/814 1900	LS
SA	1346	CLR	20			131	91	46	10	08		004	CB ALQDS VIRGA S	LS
SA	1448	70 SCT	20			127	92	43	10	08		003	CB ALQDS	LS
SA	1550	90 SCT 160 SCT 250 -BKN	20			127	91	44	14	08		003	CBS TCU ALQDS 612	—
													1964 94 RADAT 50140	WRL
SA	1650	90 SCT 250 SCT	20			128	90	40	20	08		003	CB W AND S LTL MOUNT	—
													TCU W	WRL
SA	1750	90 SCT 250 -BKN	20			130	87	46	21	10		003	CBS DSIPTD CB NW	—
													AND NE LTL MOUNT	WRL
SA	1850	90 SCT 250 -BKN	20			135	82	45	23	06		005	CB NE DSIPTD CB NW	—
													LTL MOUNT OCNL LTGCC	WRL
													307 1901	WRL
SA	1950	90 SCT 250 -SCT	20			144	82	48	03	03		007	CB NW MOVD W	WRL
SA	2050	90 SCT	20			146	78	49	04	06		008		WRL
SA	2150	160 SCT	20			149	77	49	04	05		010	214 1070 94	WRL
SA	2250	160 SCT	20			149	76	50	06	03		010		WRL
SA	2350	160 SCT	20			152	74	51	10	04		011		WRL

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 $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 SEP 11

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 50	26655	72.3	59.8	49	1	1	AC	140												1	2	.025			00-01
01 50	26.660	70.2	59.2	53	0															0					01-02
02 50	26.660	70.0	58.2	50	0															0					02-03
03 49	26.660	72.3	58.3	44	0	0	AC	140												0	1	.005			03-04
04 50	26665	68.0	58.0	56	0															0					04-05
05 49	26.675	67.8	57.1	53	0															0					05-06
06 49	26.685	71.9	60.0	51	0															0	2	.025			06-07
07 49	26.690	78.3	66.8	39	0															0					07-08
08 48	26.695	83.4	62.8	32	0															0					08-09
09 47	26.695	86.3	62.8	27	0	0	CU	70												0	1	.010			09-10
10 48	26.690	88.0	63.4	26	0															0					10-11
11 46	26.675	89.0	63.8	25	0															0					11-12
12 50	26.655	89.3	63.1	23	0	0	CB	70												0	8	.040			12-13
13 46	26.630	90.5	63.2	21	0															0					13-14
14 48	26.620	92.0	62.6	18	1															1					14-15
15 50	26620	91.3	62.8	20	8	2	CB	90	1	AC	160	3	5	CI	250	8				4	6	.035			15-16
16 50	26.620	90.4	61.0	17	5															3					16-17
17 50	26620	86.8	62.0	24	7															3					17-18
18 50	26640	82.4	61.3	30	8	1	CB	90	8	CI	250	8								4	3	.020			18-19
19 50	26660	81.6	61.0	31	3															1					19-20
20 50	26670	78.2	60.2	36	1															1					20-21
21 50	26680	77.2	59.9	37	2	2	AC	160												2	2	.040			21-22
22 50	26.680	75.8	60.0	41	4															3					22-23
23 50	26.690	74.0	59.8	45	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341		0	0		76	69										
	0341	1	0	0	0	78	69		0								
	0941	2	0	0	0	87	67		0								
	1546	3	0	0	0	94	86		0								
	2146	4	0	0	0	93	77		0								
	MID.		0	0	0	78	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.695	26.620	26.640
BAROGRAPH 64	26.640	26.700	26.615	26.660
BAR. CORR. 65	+.020	-.005	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	67	0	0	0	21	E	1148					2	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: 1035P ON TIME

2300P 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: 1981 SEP 12

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

TYPE (1)	TIME LST (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY Miles: SURFACE (4)	VISIBILITY Miles: TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	160 SCT	20			154	71	52	10	03		011	103 1070	WRC
SA	0150	CLR	20			151	70	50	09	03		010	FEW AC NW	WRC
SA	0250	CLR	20			150	69	49	00	00		010	FEW AC W	WRC
SA	0350	CLR	20			149	69	50	35	02		009	805 1030 68 RADAT 77134	DS
SA	0452	CLR	20			156	67	50	01	03		011		DS
SA	0549	CLR	20			162	65	50	00	00		012	AC NW	DS
SA	0650	CLR	20			164	71	50	00	00		013	312 1030	DS
SA	0749	CLR	20			162	78	51	32	03		013	CU SE	DS
SA	0849	CLR	20			166	82	48	33	03		014	TCU E AND SE	DS
SA	0949	CLR	20			160	87	49	23	05		013	CB E-NW/000 1900 65	DS
SA	1050	CLR	20			154	89	49	19	06		012	CB ALL HRZNS	DS
SA	1148	160 SCT	20			149	91	50	11	08		010	CB ALL HRZNS VIRGA SE	DS
SA	1252	160 SCT	20			140	92	49	16	08		007	719 1960	DS
SA	1345	70 SCT 160 SCT	20			133	92	47	26	11		005	CB SE-N	DS
SA	1445	70 SCT 160 SCT 220 SCT	20			128	90	47	24	08		003	CB SE-N	DS
SA	1550	E 100 BKN 220 BKN	20			129	89	46	24	09		003	CB BLQDS Virga E 612	-
													1903 94 RADAT 38137	WRC
RS	1650	E100 BKN 220 BKN	20		T	128	88	47	10	04		003	TB 37 OVHD MOVG NE	WRC
SA	1750	E100 BKN 220 BKN	20		TRW-	137	83	51	36	12	619	004	RB 41 TMOVG N	WRC
SP	1820	E100 BKN	20						04	15		005	TE 05 MOVD NE OCNL	-
SA													LTGCG NE	WRC
SA	1850	E100 BKN	20			140	81	50	05	09		005	TE 05 MOVD NE OCNL	-
													LTGCG NE-SE RE04	WRC
													30700 1900	WRC
SA	1950	90 SCT E160 BKN	20			143	81	50	12	11		007	CB NE-SE MOVG N	-
													OCNL LTGIC	WRC
SA	2050	90 SCT E160 BKN	20			143	77	49	12	13		007	CB N-SE MOVG N	WRC
													OCNL LTGIC	WRC
SA	2150	90 SCT E160 BKN	20			141	79	48	09	12	621	007	CB MOVD N 10700	-
													1260 94	WRC
SA	2250	90 SCT 160 SCT	20			141	78	49	10	16		007		WRC
SA	2350	160 SCT	20			139	77	47	05	07		007		WRC

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 $5P_oP_oP_oP_o$ $7RRR_tt$ $8N_sC_hh_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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: 1981 SEP 12

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.690	71.1	59.3	51	2	2	AC	160												2	1	.010			00-01
01 50	26.665	70.0	58.1	50	0															0					01-02
02 50	26.680	68.8	57.2	50	0															0					02-03
03 50	26.675	69.0	57.5	50	0	0	AC	140												0	8	.015			03-04
04 52	26.690	67.3	57.5	54	0															0					04-05
05 48	26.700	65.4	56.4	58	0															0					05-06
06 50	26.710	71.4	58.3	46	0	0	AC	140												0	3	.035			06-07
07 48	26.710	78.0	61.0	38	0															0					07-08
08 49	26.720	81.8	61.3	31	0															0					08-09
09 49	26.710	86.8	63.3	27	0	0	CB	70												0	0	.000			09-10
10 50	26.695	88.5	63.9	26	0															0					10-11
11 48	26.680	91.1	65.0	25	1															1					11-12
12 52	26.655	92.0	64.8	23	1	0	CB	70	1	AC	160	1								1	7	.055			12-13
13 45	26.635	91.8	64.0	21	1															1					13-14
14 45	26.620	90.1	63.5	23	4															4					14-15
15 50	26.620	89.2	62.7	22	8	7	CB	E100	1	CI	220	8								8	6	.035			15-16
16 50	26.620	88.3	63.0	24	9															8					16-17
17 50	26.630	83.0	62.8	33	8															8					17-18
18 50	26.640	81.0	61.8	34	7	7	CB	E100												7	3	.020			18-19
19 50	26.660	80.6	61.8	35	8															8					19-20
20 50	26.660	77.4	60.1	37	8															7					20-21
21 50	26.660	79.2	60.2	33	8	3	CU	90	5	AC	E160	8								7	1	.020			21-22
22 50	26.660	77.8	60.0	36	5															4					22-23
23 50	26.660	77.2	59.0	34	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 0343	X	0	0	X	74	68	X	X						X		
	0343	1	0	0	0	78	68		0								
	0942	2	0	0	0	89	65		0								
	1546	3	0	0	0	94	67		0								
	2146	4	T	0	0	89	77		0								
	MID.	X	0	0	0	79	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.675	26.710	26.620	26.660
BAROGRAPH 64	26.670	26.715	26.620	26.660
BAR. CORR. 65	+.005	-.005	±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
94	65	T	0	0	22	E	2135					2	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1637	1805			
RW-	1741	1804			

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: 0820 P ON TIME

2305 P 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: 1981 SEP 13

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 (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	0050	160 SCT	20			137	73	48	02	09		006	803 10 70	MR
SA	0150	CLR	20			136	71	50	10	05		006	FEW AC	MR
SA	0250	160 SCT	20			138	69	49	01	05		006		MR
SA	0354	160 SCT	20			140	65	50	00	00		006	400 1070 65 RADAT 70130	MR
SA	0451	130 SCT	20			146	65	50	32	03		007		MR
SA	0552	130 SCT	20			153	65	49	32	05		008		MR
SA	0649	120 SCT	20			157	70	50	00	00		011	219 1070	MR
SA	0750	120 SCT	20			152	76	50	00	00		010		MR
SA	0847	80 SCT 120 SCT	20			156	81	49	31	04		011		MR
SA	0947	90 SCT 120 SCT	20			150	83	49	33	04		010	CB DSNT E/802 1370 65	MR
SA	1052	90 SCT 120 SCT	20			143	86	48	17	08		008	CB NW	MR
SA	1150	90 SCT	20			133	89	46	22	08		005	CB W-N	MR
SA	1253	90 SCT	20			128	89	44	18	06		003	CB NW-SE/720 1900	MR
SP	1303	90 SCT	20		T				18	07		003	T NE B01 NO NOWAT	MR
SP	1338	90 SCT	20						19	11		001	TE35 DSIPTD CB NW-E RWU NW	MR
SA	1350	90 SCT	20			118	93	41	23	09		001	TB01 E35 DSIPTD CB NW-SE RWU NW-NE	MR
SA	1450	90 SCT	20			113	91	41	18	05		998	CB ALQDS	MR
SA	1548	90 SCT 140 SCT	20			109	91	40	11	05		997	CB N-NE SE DSNT W RWU NW 719 1960 93 RADAT 78134	MR
SA	1648	90 SCT 140 SCT	20			104	89	39	00	00		995	CB N-NE S DSNT W VIRGA NE	MR
SA	1744	90 SCT 140 SCT 250 SCT	20			106	87	40	04	07		996	CB N-NE SE-SW	MR
SA	1850	90 SCT 140 SCT	20			111	84	41	08	04		997	CB OCNL LTGIC NW 302 1960	MR
SA	1948	90 SCT 140 SCT	20			118	81	42	01	06		999	CB NW TCU SE	MR
RS	2049	E90 BKN	20		T	125	80	45	02	14		002	TB45 W-NW MOVG W OCNL LTGIC W	MR
SA	2147	E90 BKN	20		T	125	78	45	03	12	G17	002	T W-NW STNRY OCNL LTGICCC 115 1900 93	MR
SA	2249	E90 BKN 120 BKN	20		T	128	77	46	03	09		003	T SW MOVG W CB LTGIC S-W-NW	MR
SP	2306	E90 BKN 120 BKN	20						02	10		003	TE04 MOVD W CB S-W-NW OCNL LTGICCC S-SW	MR
SA	2350	90 SCT	20			128	75	46	04	10		003	TE04 MOVD W CB S-W-N OCNL LTGICCC SW-NW	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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp_sp_s$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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: 1981 SEP 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	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	26.650	73.2	58.3	41	1	1	AC	160												1	8	.010			00-01
01 50	26.650	70.6	58.0	47	0															0					01-02
02 50	26.654	69.0	56.9	49	1															1					02-03
03 51	26.650	64.9	56.2	59	1	1	AC	160												1	4	.000			03-04
04 51	26.660	64.6	55.6	58	1															1					04-05
05 52	26.670	65.3	55.8	56	1															1					05-06
06 49	26.685	69.8	57.7	49	1	1	AC	120												1	2	.035			06-07
07 50	26.680	76.0	60.0	40	1															1					07-08
08 49	26.690	80.8	61.3	33	2															2					08-09
09 47	26.680	83.0	62.0	31	2	1	CB	90	1	AC	120	2								2	8	.005			09-10
10 52	26.665	86.3	62.7	27	2															2					10-11
11 50	26.640	88.7	62.7	23	2															2					11-12
12 53	26.620	88.8	61.8	21	5	5	CB	90												5	7	.060			12-13
13 50	26.600	92.5	62.2	17	5															5					13-14
14 50	26.580	91.1	61.7	18	5															5					14-15
15 48	26.565	91.1	61.4	17	4	4	CB	90	0	AC	140	4								4	7	.055			15-16
16 48	26.550	89.3	60.5	17	3															3					16-17
17 44	26.535	87.2	60.0	19	3															3					17-18
18 50	26.570	83.9	59.3	22	4	2	CB	90	2	AC	140	4								4	3	.005			18-19
19 48	26.590	81.2	58.6	25	5															5					19-20
20 49	26.610	79.6	59.0	29	6															6					20-21
21 47	26.615	77.7	58.6	32	8	8	CB	E90												8	1	.045			21-22
22 49	26.625	76.5	58.4	34	7															7					22-23
23 50	26.625	75.3	58.0	35	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	77	65	X	X						X		
	0350	1	0	0	0	79	65		0								
	0943	2	0	0	0	83	65		0								
	1543	3	0	0	0	93	83		0								
	2143	4	0	0	0	92	77		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.657	26.680	26.565	26.615
BAROGRAPH 64	26.650	26.680	26.575	26.615
BAR. CORR. 65	0	0*	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	65	0	0	0	24	N	2018					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1301	1335			
T	2045	2304			

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 0712 / 2 SEC SLOW AT 1852P

* BAROGRAPH CHANGED

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: 1981 SEP 14

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 (10's of deg.) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	90 SCT 160 SCT	20			124	74	46	06	09		002	CB SW AND NW FQT	MR
													LTGICCCCG SW OCNL LTGIC	
													NW OOO 1960	
SA	0148	E 70 BKN 160 BKN	20			122	73	46	05	08		002	CB OCNL LTGICCCCG SW	MR
SA	0250	70 SCT	20			122	72	45	09	02		002	CB OCNL LTGIC SW	MR
SA	0351	100 SCT	20			125	67	47	30	03		002	602 1400 67 RADAT 70132	MR
SA	0448	100 SCT	20			129	68	46	08	06		003		MR
SA	0551	CLR	20			137	70	46	05	04		005	CB RWU S-SW	MR
SA	0651	CLR	20			136	75	46	03	08		005	CB DSNT S-SW/110 1900	MR
SA	0746	CLR	20			140	79	45	03	08		006	CB DSNT SE AND SW	MR
SA	0848	CLR	20			144	80	46	03	13		007	CB SE	MR
SA	0945	CLR	20			139	83	45	34	05		006	CB SE-S /003 1900 67	MR
SA	1049	CLR	20			130	87	43	35	05		004	CB E AND SE-S	MR
SA	1147	90 SCT 300 SCT	20			126	88	43	11	08		003	CB E AND SE-S	MR
SA	1250	E90 BKN 300 BKN	20			118	90	41	05	05		001	CB ALQDS LTL MOVMT	MR
													RB23E29/71700 1903	
SA	1350	E90 BKN 300 BKN	20			110	92	41	17	04		998	CB NE AND S	MR
SA	1450	90 SCT 300 SCT	20			103	92	40	24	10		996	CB N-SE	MR
SA	1549	E90 BKN 300 BKN	20			112	91	39	02	05		998	CB ALQDS RWU NW-NE	MR
													AND SE 508 0 1902 93	
													RADAT 61135	
SA	1649	E90 BKN 140 BKN 300 OVC	20			129	82	45	06	20	G28	002	RB03E37 CB ALQDS RWU	MR
													SE-S AND NW PK WND	
													0440/0052	
SA	1745	90 SCT E160 BKN 300 OVC	20			136	79	45	09	18	G23	003	CB SE-S RWU SE VIRGA	MR
													ALQDS	
SA	1852	90 SCT E160 BKN 300 OVC	20			128	81	42	10	10		002	01401 1272	MR
SA	1947	E150 BKN 300 OVC	20			127	79	43	10	05		002		MR
SA	2045	150 SCT 300 SCT	20			129	77	44	04	10		003		MR
SA	2148	150 SCT 300 BKN	20			132	76	43	00	00		004	30501 1072 93	MR
SA	2246	140 SCT 300 SCT	20			137	75	43	08	05		006		MR
SA	2348	140 SCT	20			133	73	44	05	04		004		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} $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO: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: 1981 SEP 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 49	26.615	74.1	57.6	37	1	1	CB	90	0	Ac	160	1								1	0	.000			00-01
01 48	26.610	72.9	56.9	38	6															6					01-02
02 50	26.610	72.2	56.5	38	1															1					02-03
03 51	26.610	66.9	55.1	48	2	2	Sc	100												2	6	.005			03-04
04 48	26.620	68.2	55.4	45	1															1					04-05
05 51	26.640	69.8	55.8	42	0															0					05-06
06 54	26.640	75.0	58.0	36	0	0	CB	90												0	1	.030			06-07
07 46	26.650	78.8	58.8	30	0															0					07-08
08 48	26.660	80.0	59.5	30	0															0					08-09
09 45	26.650	82.8	60.3	27	0	0	CB	90												0	0	.010			09-10
10 49	26.630	87.3	61.0	21	0															0					10-11
11 47	26.620	87.9	61.2	21	2															2					11-12
12 50	26.600	89.8	61.2	18	7	6	CB	E90	1	Ci	300	7								7	7	.050			12-13
13 50	26.580	91.8	61.8	17	6															6					13-14
14 50	26.570	92.2	61.8	17	3															3					14-15
15 49	26.575	90.5	60.9	17	9	8	CB	E90	1	Ci	300	9								9	5	.025			15-16
16 49	26.610	82.0	59.9	27	10															10					16-17
17 45	26.625	78.6	58.8	31	10															9					17-18
18 52	26.615	80.7	58.3	25	10	1	Cu	90	6	Ac	E160	7	3	Ci	300	10				9	0	.040			18-19
19 47	26.615	79.2	58.0	27	10															9					19-20
20 45	26.620	77.0	57.8	31	5															3					20-21
21 48	26.630	76.4	57.2	30	7	1	Ac	150	6	Ci	300	7								3	3	.015			21-22
22 46	26.645	74.7	56.7	33	5															4					22-23
23 48	26.635	73.1	56.2	35	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	75	67	X	X						X		
	0347	1	0	0	0	78	67		0								
	0941	2	0	0	0	83	67		0								
	1543	3	T	0	0	93	83		0								
	2143	4	.01	0	0	91	76		0								
	MID.	X	0	0	0	76	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0945	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.650	26.575	26.630
BAROGRAPH 64	26.620	26.650	26.575	26.625
BAR. CORR. 65	-.010	0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	67	.01	0	0	40	NE	1552					3	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1223	1229			
RW-	1603	1637			

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 1SEC SLOW 0614 / 1 SEC SLOW 1753P

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: 1981 SEP 15

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's Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	CLR	20			133	69	44	03	04		004	000 1070	MR
SA	0149	150 SCT	20			133	68	44	04	02		004		MR
SA	0250	CLR	20			132	69	42	06	04		004	FEW AC	MR
SA	0354	CLR	20			131	67	43	05	08		004	302 1070 67 RADAT 61133	[illegible]
SA	0450	CLR	20			136	69	42	06	11		004		[illegible]
SA	0547	CLR	20			144	68	44	09	06		006		[illegible]
SA	0649	CLR	20			145	74	43	05	14		007	312 1070	[illegible]
SA	0749	CLR	20			145	78	44	03	17		007		[illegible]
SA	0854	CLR	20			144	82	43	03	11		007		[illegible]
SA	0948	CLR	20			143	85	43	04	11		007	400 1100 67	[illegible]
SA	1051	CLR	20			138	90	41	12	12		006		[illegible]
SA	1147	CLR	20			139	89	44	11	07		006	TCU S ACSL S	[illegible]
SA	1251	90 SCT 140 SCT	20			133	91	43	05	08		004	810 1270	[illegible]
SA	1350	90 SCT 140 SCT	20			125	91	44	09	07		002		[illegible]
SA	1450	90 SCT 140 SCT	20			117	90	43	16	07		999	CB DSNT SE	[illegible]
SA	1550	90 SCT 140 SCT	20			121	91	45	11	06		001	CB DSNT SE 510	-
													1960 93 RADAT 63169	WRC
SA	1650	90 SCT	20			120	90	43	11	10		001	CB DSNT S DSIPTD	WRC
SA	1750	90 SCT	20			122	87	42	12	06		001		WRC
SA	1850	90 SCT	20			126	81	40	12	08		002	303 1400	WRC
SA	1950	90 SCT	20			133	80	35	12	07		004		WRC
SA	2050	90 SCT	20			136	77	36	00	00		005		WRC
SA	2150	90 SCT	20			135	76	37	30	07		005	110 1400 93	WRC
SA	2250	90 SCT 160 SCT	20			136	74	38	25	05		006		WRC
SA	2350	160 SCT	20			141	74	40	19	04		007		WRC

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} $6P_oP_oP_oP_o$ $7RRR_{tz}$ $8N_sCh\ h_s$ $9S_pS_psp_sp_s$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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: 1981 SEP 15

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.630	68.8	54.7	41	0	0	Ac	140												0	0	.000			00-01
01 49	26.630	68.1	54.6	42	1															1					01-02
02 50	26.630	68.8	54.0	38	0															0					02-03
03 54	26.625	66.9	53.5	42	0	0	Ac	140												0	8	.005			03-04
04 50	26.630	68.7	54.0	38	0															0					04-05
05 47	26.645	68.0	54.3	42	0															0					05-06
06 49	26.660	74.3	56.3	32	0	0	Ac	140												0	3	.035			06-07
07 49	26.660	77.9	58.0	30	0															0					07-08
08 54	26.660	81.7	59.0	25	0															0					08-09
09 48	26.660	84.8	60.1	23	0	0	Cu	90												0	4	.000			09-10
10 51	26.650	89.6	61.1	18	0															0					10-11
11 47	26.650	89.0	62.0	21	0															0					11-12
12 51	26.630	90.7	62.2	19	1	1	Cu	90	0	Ac	140	1								1	8	.030			12-13
13 50	26.610	90.6	62.6	20	4															4					13-14
14 50	26.590	89.8	61.8	20	5															5					14-15
15 50	26.600	90.6	62.8	21	5	0	CB	80	4	Cu	90	4	1	Ac	140	5				5	5	.030			15-16
16 50	26.600	90.2	62.0	19	3															3					16-17
17 50	26.600	86.9	60.3	20	2															2					17-18
18 50	26.610	81.4	58.0	23	2	2	Sc	90												2	3	.010			18-19
19 50	26.630	80.0	55.6	20	2															2					19-20
20 50	26.640	76.5	54.8	23	2															2					20-21
21 50	26.640	76.3	55.0	24	3	3	Sc	90												3	1	.030			21-22
22 50	26.650	74.0	54.3	27	4															4					22-23
23 50	26.660	73.7	54.8	29	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	73	67	X	X						X		
	0350	1	0	0	0	76	67		0								
	0944	2	0	0	0	85	67		0								
	1546	3	0	0	0	93	85		0								
	2146	4	0	0	0	91	75		0								
	MID.	X	0	0	0	76	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.660	26.600	26.640
BAROGRAPH 64	26.620	26.660	26.600	26.640
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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	67	0	0	0	18	NE	0734					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK 1 SEC SLOW 0659
2033 ON TIME

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: 1981 SEP 1 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100°-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	160 SCT	20			146	73	38	12	07		008	210 1070	WRC
SA	0150	160 SCT	20			147	72	39	09	07		008		WRC
SA	0250	160 SCT	20			151	70	38	10	07		009		WRC
SA	0351	CLR	20			152	68	39	27	03		010	103 1070 68 RADAT 73133	HS
SA	0450	CLR	20			155	69	40	00	00		011		HS
SA	0548	CLR	20			160	70	41	04	04		012		HS
SA	0651	CLR	20			169	73	43	00	00		014	314 1081	HS
SA	0752	140 SCT	20			167	80	44	00	00		014		HS
SA	0851	90 SCT 140 SCT	20			167	86	42	07	07		015		HS
SA	0946	90 SCT 150 SCT	20			167	85	43	11	11		015	TCU S-NW/102 1280 68	HS
SA	1048	90 SCT	20			164	85	42	10	05		013	TCU S-N	HS
SA	1152	90 SCT	20			156	89	44	09	07		012	CB NW	HS
SA	1251	90 SCT	20			149	90	41	08	08		010	CB RWU NW/715 1900	HS
SA	1348	90 SCT	20			146	91	40	02	05		008	CB DSNT SE AND S	HS
SA	1450	90 SCT	20			138	92	39	11	07		006	CB DSNT SE RWU S	HS
SA	1550	90 SCT	20			140	91	37	20	08		007	CB DSNT SE 610 1300	/
						~~144~~						~~008~~	94 RADAT 37137	HS
SA	1653	90 SCT	20			144	88	43	23	15		008	CB DSNT SE DSIPTD	HS
SA	1747	90 SCT	20			149	85	43	20	08		009		HS
SA	1847	CLR	20			153	82	41	19	07		010	210 1100	HS
SA	1949	CLR	20			160	78	41	05	07		012		HS
SA	2048	CLR	20			160	78	42	35	06		013		HS
SA	2149	CLR	20			164	74	42	12	04		013	110 94	HS
SA	2248	CLR	20			162	74	41	03	04		013		HS
SA	2347	CLR	20			167	69	42	06	05		014		HS

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

FM11V: IIiii NddH 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: 1981 SEP 16

To convert LST to GMT ADD 0 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.670	73.2	54.0	28	2	2	Ac	160												2	2	.030			00-01
01 50	26.670	71.7	53.7	30	1															1					01-02
02 50	26.680	70.2	52.9	31	1															1					02-03
03 54	26.680	68.2	52.5	34	0	0	Ac	140												0	1	.010			03-04
04 50	26.690	68.7	53.0	35	0															0					04-05
05 48	26.700	69.8	53.8	35	0															0					05-06
06 51	26.720	73.0	56.0	34	0	0	Ac	140	0	Ci	300	0								0	3	.040			06-07
07 52	26.720	80.2	58.8	28	1															1					07-08
08 51	26.725	85.9	60.3	22	2															2					08-09
09 46	26.725	84.7	60.0	23	4	3	Cu	90	1	Ac	150	4								4	1	.005			09-10
10 48	26.710	85.0	60.0	22	4															4					10-11
11 52	26.700	89.1	61.9	21	3															3					11-12
12 51	26.680	90.2	61.2	18	2	2	CB	90												2	7	.045			12-13
13 48	26.670	90.6	61.2	17	2															2					13-14
14 50	26.650	91.8	61.3	16	3															3					14-15
15 50	26.650	91.4	60.6	15	3	3	CB	90												3	6	.030			15-16
16 53	26.660	88.1	61.4	21	2															2					16-17
17 47	26.670	84.8	60.0	23	1															1					17-18
18 47	26.680	82.3	58.7	23	0	0	Cu	90												1	2	.030			18-19
19 49	26.700	77.6	57.0	27	0															0					19-20
20 48	26.710	78.4	57.6	28	0															0					20-21
21 49	26.710	73.6	55.8	32	0															0	1	.030			21-22
22 48	26.710	74.3	55.5	30	0															0					22-23
23 47	26.720	69.1	54.0	37	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	74	68	X	X						X		
	0350	1	0	0	0	76	68		0								
	0942	2	0	0	0	88	68		0								
	1545	3	0	0	0	94	85		0								
	2144	4	0	0	0	91	74		0								
	MID.	X	0	0	0	74	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0946	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.725	26.650	26.710
BAROGRAPH 64	26.670	26.720	26.660	26.715
BAR. CORR. 65	+.010	+.005	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	68	0	0	0	19	SW	1610					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK 1SEC SLOW 0636 2150P - OK

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: 1981 SEP 17

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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	140 SCT	20			166	69	41	36	03		014	103 1030	HS
SA	0148	140 SCT	20			165	71	41	11	04		014		HS
SA	0246	CLR	20			166	67	41	04	07		014		HS
SA	0347	CLR	20			167	67	40	00	00		014	400 66 RADAT 85129	JK
SA	0450	140 SCT	20			176	67	41	00	00		016		JK
SA	0545	140 SCT	20			184	65	41	00	00		018		JK
SA	0650	140 SCT	20			187	69	42	00	00		019	215 1130	JK
SA	0748	140 SCT	20			191	76	42	29	02		021		JK
SA	0849	100 SCT 140 SCT	20			187	81	44	00	00		021		JK
SA	0948	100 SCT 140 SCT	20			187	85	43	00	00		019	VIRGA SE /002 1230 65	JK
SA	1050	E100 BKN 140 BKN	20			182	86	43	11	14		018	VIRGA SE	JK
SA	1145	E100 BKN 140 BKN	20			184	87	43	15	07		018	VIRGA SE	JK
SA	1250	100 SCT E140 BKN	20			177	87	41	12	12		016	810 1250	JK
SA	1349	100 SCT E140 BKN	20			162	90	40	08	10		013		JK
SA	1445	100 SCT E140 BKN	20			160	91	41	14	10		012		JK
SA	1548	100 SCT	20			160	88	41	21	06		012	CB DSNT SE 614 1300	—
													93 RADAT 73134	HS
SA	1649	100 SCT	20			156	88	42	26	03		011	CB DSNT SE DSIPTD	HS
SA	1747	100 SCT	20			164	84	40	15	03		012		HS
SA	1847	100 SCT 250-BKN	20			170	82	40	10	06		014	307 1101	HS
SA	1947	100 SCT 250-SCT	20			176	80	41	10	06		016		HS
SA	2048	100 SCT 250-SCT	20			178	77	41	02	02		017		HS
SA	2149	100 SCT 250 SCT	20			181	75	42	32	02		018	214 1072 93	HS
SA	2249	E250 BKN	20			179	78	40	16	03		018		HS
SA	2350	250 SCT	20			179	76	41	05	08		018		HS

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: 1981 SEP 17

To convert LST to GMT ADD 2 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	26.720	69.4	53.8	36	2	2	Ac	140												2	1	.010			00-01
01 48	26.720	71.2	54.3	33	1															1					01-02
02 46	26.720	66.9	52.7	39	0															0					02-03
03 47	26.720	66.8	52.3	38	0															0	4	.000			03-04
04 50	26.740	66.9	52.7	39	1															1					04-05
05 45	26.755	65.0	52.0	42	1															1					05-06
06 50	26.765	69.1	53.8	37	1	0	Cu	100	1	Ac	140	1								1	2	.045			06-07
07 48	26.775	76.1	56.8	30	1															1					07-08
08 49	26.775	81.2	59.2	27	2															2					08-09
09 48	26.770	84.8	60.2	23	5	4	Cu	100	1	Ac	140	5								5	0	.005			09-10
10 50	26.760	85.7	60.6	23	7															6					10-11
11 45	26.760	87.0	61.0	22	8															8					11-12
12 50	26.740	86.5	60.2	21	8	3	Cu	100	5	Ac	E140	8								8	8	.030			12-13
13 49	26.710	90.3	61.2	18	7															7					13-14
14 45	26.700	90.6	61.5	18	7															7					14-15
15 48	26.700	88.2	60.6	19	5	5	CB	100												5	6	.040			15-16
16 49	26.690	88.4	61.0	20	4															4					16-17
17 47	26.700	84.4	59.0	21	3															3					17-18
18 47	26.720	82.0	58.1	22	7	3	Cu	100	4	Ci	250	7								3	3	.020			18-19
19 47	26.740	79.9	57.7	25	5															2					19-20
20 48	26.750	77.3	56.9	28	4															2					20-21
21 49	26.760	75.1	56.2	30	4	2	Ac	150	2	Ci	250	4								3	2	.040			21-22
22 49	26.760	77.9	56.6	26	7															4					22-23
23 50	26.760	75.7	56.0	28	5															5					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	71	66	X	X						X		
	0343	1	0	0	0	74	66		0								
	0944	2	0	0	0	85	65		0								
	1543	3	0	0	0	93	84		0								
	2144	4	0	0	0	89	75		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.720	26.700	26.760
BAROGRAPH 64	26.730	26.720	26.700	26.760
BAR. CORR. 65	-.010	+.0*	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	65	0	0	0	26	E	1030					5	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0600P 15 SECSLOW 2150P-OK

* BAROGRAPH CHANGED RESET TO ZERO COR.

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: 1981 SEP 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 (7)	DEW PT. (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER INITIALS (14)
SA	0045	250-SCT	20			181	73	41	10	07		018	400 1001	HS
SA	0148	CLR	20			181	69	42	14	03		018		HS
SA	0248	CLR	20			180	71	36	05	04		018		HS
SA	0349	CLR	20			182	69	42	02	04		018	400 67 RADAT 75128	HS
SA	0450	CLR	20			188	65	41	34	04		019		JK
SA	0547	250-SCT	20			188	67	41	09	04		019		JK
SA	0649	CLR	20			190	75	42	05	10		021	207 1001	JK
SA	0748	CLR	20			190	79	43	04	10		021		JK
SA	0846	CLR	20			188	83	41	02	07		021	Cu S AND NW	JK
SA	0949	CLR	20			188	87	44	33	03		021	400 1100 65	JK
SA	1047	CLR	20			178	90	41	08	05		018	Cu ALQDS	JK
SA	1149	100 SCT	20			167	91	42	05	07		015		JK
SA	1246	100 SCT	20			161	91	42	05	07		013	824 1200	JK
SA	1345	100 SCT	20			154	93	41	26	04		011		JK
SA	1445	100 SCT	20			148	93	40	15	05		010		JK
SA	1547	100 SCT	20			141	95	40	29	03		008	TCU SE 717 1200 96	—
		~~100 SCT~~	~										RADAT 79139	HS
SA	1649	100 SCT	20			141	91	40	18	03		007		HS
SA	1747	CLR	20			137	88	41	11	09		005	FEW CU	HS
SA	1850	CLR	20			140	84	41	12	08		007	503	HS
SA	1950	CLR	20			144	79	41	12	08		008		HS
SA	2048	CLR	20			145	79	40	11	09		008		HS
SA	2149	CLR	20			148	74	40	13	07		009	208 96	HS
SA	2249	CLR	20			146	72	40	36	02		009		HS
SA	2345	CLR	20			141	71	40	36	03		007		HS

A synoptic observation, in WMO code format FM13V, is entered on line following related aviation observation.

FM13V: 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: 1981 SEP 1 8

To convert LST to GMT ADD 3 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 O. PAQUET SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.760	73.1	55.1	31	2	2	Ci	250												0	4	.000			00-01
01 48	26.760	68.9	54.1	38	0															0					01-02
02 48	26.760	71.3	54.4	33	0															0					02-03
03 49	26.760	68.8	53.9	38	0															0	4	.000			03-04
04 50	26.770	64.8	51.8	42	0															0					04-05
05 47	26.770	67.1	52.8	39	1															0					05-06
06 49	26.780	75.0	56.2	30	0	0	Ci	250												0	2	.020			06-07
07 48	26.780	78.6	57.9	28	0															0					07-08
08 46	26.780	83.0	59.0	23	0															0					08-09
09 49	26.780	86.8	61.1	22	0	0	Cu	90												0	4	.000			09-10
10 47	26.760	89.9	61.3	18	0															0					10-11
11 49	26.730	91.0	62.0	18	1															1					11-12
12 46	26.710	91.0	62.0	18	2	2	Cu	100												2	8	.070			12-13
13 45	26.690	92.8	62.1	16	3															3					13-14
14 45	26.675	92.5	61.9	16	4															4					14-15
15 47	26.660	94.5	62.6	15	2	2	Cu	100												2	7	.050			15-16
16 49	26.650	90.7	61.1	17	1															1					16-17
17 47	26.640	88.2	60.6	19	0															0					17-18
18 50	26.650	84.2	59.3	22	0															0	5	.010			18-19
19 50	26.660	79.3	57.5	26	0															0					19-20
20 48	26.665	78.9	57.1	25	0															0					20-21
21 49	26.675	74.3	55.2	29	0															0	2	.025			21-22
22 49	26.670	71.6	54.0	31	0															0					22-23
23 45	26.655	71.2	53.9	32	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	76	67	X	X						X		
	0344	1	0	0	0	78	67		0								
	0945	2	0	0	0	87	65		0								
	1542	3	0	0	0	96	87		0								
	2144	4	0	0	0	95	74		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.780	26.660	26.675
BAROGRAPH 64	26.770	26.790	26.665	26.675
BAR. CORR. 65	-.010	-.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 WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	65	0	0	0	14	NE	0730					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: 0630 P OK 2151P - OK

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: 1981 SEP 1 9

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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's-36's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			141	72	40	17	05		008	505	HS
SA	0148	CLR	20			141	70	40	35	08		008		HS
SA	0245	CLR	20			139	70	40	11	05		007		HS
SA	0347	CLR	26			139	68	41	02	04		007	603 67 RADAT 49134	JK
SA	0449	250-SCT	20			142	66	38	34	02		007		JK
SA	0550	250-BKN	20			146	66	40	07	03		008		JK
SA	0646	250 SCT	20			149	72	47	20	03		009	307 1001	JK
SA	0748	CLR	20			149	76	48	12	02		009		JK
SA	0850	CLR	20			143	83	49	06	02		008	CU SE	JK
SA	0945	CLR	20			142	87	50	29	02		008	603 1100 65	JK
SA	1045	CLR	20			135	91	50	18	10		005	CU ALQDS	JK
SA	1145	90 SCT	20			127	92	49	18	20		003		JK
SA	1246	90 SCT	20			115	93	48	18	15G24		000	824 1100	JK
SA	1347	90 SCT	20			112	94	50	23	12G24		999		JK
SA	1445	90 SCT	20			104	94	47	24	12		996		JK
SA	1548	CLR	20			098	92	47	19	19		994	717 1100 95 RADAT 40145	HS
SA	1649	CLR	20			095	91	49	18	18		993	FEW CU	HS
SA	1749	CLR	20			092	88	46	18	11		992	FEW CU	HS
SA	1849	CLR	20			095	85	46	17	07		993	503	HS
SA	1949	CLR	20			094	82	45	11	06		993		HS
SA	2048	CLR	20			095	81	46	12	04		994		HS
SA	2150	CLR	20			095	82	47	19	12		995	305 95	HS
SA	2249	CLR	20			091	82	48	19	13		994		HS
SA	2348	CLR	20			091	81	48	20	08		994		HS

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 $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh$ 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: 1981 SEP 19

To convert LST to GMT ADD 0 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.660	72.2	54.5	32	0															0	5	.015			00-01
01 48	26.660	70.0	53.7	34	0															0					01-02
02 45	26.650	69.7	53.4	34	0															0					02-03
03 47	26.650	67.8	53.0	37	0															0	6	.010			03-04
04 49	26.650	65.8	51.2	36	1															0					04-05
05 50	26.660	66.0	52.0	39	6															2					05-06
06 46	26.670	71.7	56.9	41	2	2	Ci	250												2	3	.020			06-07
07 48	26.670	76.3	59.3	37	0															0					07-08
08 50	26.660	82.8	62.1	32	0															0					08-09
09 45	26.660	87.1	64.0	28	0	0	Cu	90												0	6	.010			09-10
10 45	26.640	90.5	65.0	25	0															0					10-11
11 45	26.620	92.0	65.0	23	2															2					11-12
12 46	26.590	92.9	64.8	22	4	4	Cu	90												4	8	.070			12-13
13 47	26.580	94.1	66.0	22	3															3					13-14
14 45	26.560	94.4	65.0	20	2															2					14-15
15 48	26.540	92.1	64.2	21	0	0	Cu	90												0	7	.050			15-16
16 49	26.530	90.7	64.6	24	0															0					16-17
17 49	26.520	87.7	62.2	23	0															0					17-18
18 49	26.530	84.7	61.4	26	0															0	5	.010			18-19
19 49	26.530	82.3	60.1	27	0															0					19-20
20 48	26.540	80.7	60.0	30	0															0					20-21
21 50	26.545	82.2	59.0	24	0															0	3	.015			21-22
22 49	26.540	82.3	61.5	31	0															0					22-23
23 48	26.540	80.6	60.6	32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	72	67	X	X						X		
	0344	1	0	0	0	74	67		0								
	0942	2	0	0	0	87	65		0								
	1543	3	0	0	0	95	87		0								
	2145	4	0	0	0	94	80		0								
	MID.	X	0	0	0	82	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0943	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.660	26.540	26.545
BAROGRAPH 64	26.650	26.660	26.550	26.550
BAR. CORR. 65	±.0	±.0	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	65	0	0	0	24	SW	*1338					2	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: 0710 P OK 2050P-OK

*LAST OF SEVERAL OCCURRENCES

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: 1981 SEP 2 0

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 (4)	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			092	79	44	18	03		994	602	HS
SA	0148	CLR	20			090	80	44	21	11		994		HS
SA	0246	CLR	20			090	80	43	20	10		994		HS
SA	0349	CLR	20			092	76	41	12	03		994	802 76 RADAT 44143	RD
SA	0451	CLR	20			094	74	40	24	08		994		RD
SA	0547	CLR	20			104	74	41	07	07		997		RD
SA	0648	CLR	20			107	74	43	07	05		998	2 12	RD
SA	0751	CLR	20			110	80	45	22	11		998		RD
SA	0851	CLR	20			111	82	47	21	15		999		RD
SA	0950	CLR	20			107	85	48	24	18		998	002 73	RD
SA	1047	CLR	20			103	88	48	22	20		997		RD
SA	1149	CLR	20			092	89	47	22	18	G26	994		RD
SA	1249	CLR	20			086	90	44	21	18		992	719	RD
SA	1347	CLR	20			080	91	44	18	17		991		RD
SA	1450	CLR	20			078	91	43	18	18		990		RD
SA	1545	CLR	20			071	91	44	22	17		987	714 92 RADAT 30147	CG
SA	1649	CLR	20			073	89	44	20	18		987		CG
SA	1749	CLR	20			071	86	43	19	09		986		CG
SA	1848	CLR	20			074	84	44	20	07		987	500	CG
SA	1950	CLR	20			073	84	44	20	15		987		CG
SA	2050	CLR	20			077	82	45	22	14		988		CG
SA	2150	CLR	20			079	81	45	23	13		990	307 92	CG
SA	2247	CLR	20			079	81	46	22	17		990		CG
SA	2345	CLR	20			079	79	46	22	07		990		CG

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: 1981 SEP 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	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	26.540	78.7	58.3	29	0															0	6	.005			00-01
01 48	26.540	80.0	58.7	28	0															0					01-02
02 46	26.540	79.9	58.5	27	0															0					02-03
03 49	26.535	76.0	56.2	28	0															0	8	.005			03-04
04 51	26.540	73.8	55.2	30	0															0					04-05
05 47	26.560	74.1	55.4	30	0															0					05-06
06 48	26.570	76.6	57.4	31	0															0	2	.035			06-07
07 51	26.575	80.0	59.5	29	0															0					07-08
08 51	26.580	82.1	60.8	29	0															0					08-09
09 50	26.575	84.6	62.2	28	0															0	0	.065			09-10
10 47	26.560	87.0	62.7	26	0															0					10-11
11 49	26.540	89.0	63.0	23	0															0					11-12
12 49	26.520	89.8	62.4	21	0															0	7	.055			12-13
13 47	26.510	91.1	62.8	20	0															0					13-14
14 50	26.500	90.8	62.4	19	0															0					14-15
15 45	26.480	90.9	62.8	20	0															0	7	.040			15-16
16 49	26.480	88.9	62.1	21	0															0					16-17
17 49	26.470	86.1	60.8	23	0															0					17-18
18 48	26.480	84.1	60.3	24	0															0	5	.000			18-19
19 50	26.480	83.7	60.1	25	0															0					19-20
20 50	26.490	82.2	60.0	27	0															0					20-21
21 50	26.500	81.1	59.7	28	0															0	3	.020			21-22
22 47	26.500	80.9	60.1	30	0															0					22-23
23 45	26.500	78.7	59.1	31	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	82	76	X	X						X		
	0343	1	0	0	0	82	76		0								
	0944	2	0	0	0	85	73		0								
	1542	3	0	0	0	92	85		0								
	2146	4	0	0	0	91	81		0								
	MID.	X	0	0	0	81	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1544	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.535	26.575	26.480	26.500
BAROGRAPH 64	26.540	26.580	26.500	26.500
BAR. CORR. 65	-.005	-.005	-.020	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	73	0	0	0	27	SW	1314					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: 0827 OK / 1905 PST OK

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: 1981 SEP 21

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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0047	CLR	20			079	75	45	23	07		990	400	CG
SA	0149	CLR	20			086	71	46	01	09		991		CG
SA	0246	CLR	20			089	69	44	01	05		992		CG
SA	0348	CLR	20			092	68	44	04	05		993	208 67 RADAT 49138	RD
SA	0447	CLR	20			094	69	45	02	03		993		RD
SA	0550	CLR	20			097	66	43	05	06		993		RD
SA	0649	CLR	20			106	71	46	01	03		997	30812	RD
SA	0747	CLR	20			109	74	47	29	04		997		RD
SA	0847	CLR	20			107	78	46	23	07		997		RD
SA	0951	CLR	20			106	80	43	24	06		997	102 65	RD
SA	1048	CLR	20			098	84	44	27	07		996		RD
SA	1148	CLR	20			091	86	44	25	07		993		RD
SA	1247	CLR	20			081	88	45	24	10		991	720	RD
SA	1347	CLR	20		074	085	90	46	20	14	G22	988		RD
SA	1450	CLR	20		076	089	89	45	22	18		988		RD
SA	1546	CLR	20			072	90	44	23	13		986	612 92 RADAT 33147	CG
SA	1647	CLR	20		076	070	88	45	23	15		986		CG
SA	1747	CLR	20			075	84	44	22	10		986		CG
SA	1849	CLR	20			078	81	42	23	11		987	303	CG
SA	1945	CLR	20			082	78	42	31	02		988		CG
SA	2049	CLR	20			084	77	40	03	03		990		CG
SA	2146	CLR	20			084	78	44	12	05		990	107 92	CG
SA	2247	CLR	20			085	71	39	08	07		990		CG
SA	2346	CLR	20			083	71	43	07	06		990		CG

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 1981 SEP 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	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 47	26.500	75.1	57.6	35	0															0	4	.000				00-01
01 49	26.510	71.2	58.5	41	0															0						01-02
02 46	26.520	68.5	54.7	42	0															0						02-03
03 48	26.525	68.4	54.3	41	0															0	2	.025				03-04
04 47	26.530	68.6	55.0	42	0															0						04-05
05 50	26.530	65.6	53.1	44	0															0						05-06
06 49	26.560	70.7	56.2	42	0															0	3	.035				06-07
07 47	26.565	74.2	57.8	37	0															0						07-08
08 47	26.565	78.0	59.0	32	0															0						08-09
09 51	26.565	79.9	58.3	27	0															0	1	.005				09-10
10 48	26.550	83.7	60.1	25	0															0						10-11
11 48	26.530	86.0	60.9	23	0															0						11-12
12 47	26.505	88.4	62.3	23	0															0	7	.060				12-13
13 47	26.480	90.2	63.3	22	0															0						13-14
14 50	26.480	89.0	62.4	22	0															0						14-15
15 46	26.470	89.8	62.2	20	0															0	6	.035				15-16
16 47	26.465	88.1	61.9	22	0															0						16-17
17 47	26.465	83.7	60.3	25	0															0						17-18
18 49	26.480	81.1	58.5	25	0															0	3	.010				18-19
19 45	26.490	77.7	57.3	28	0															0						19-20
20 45	26.500	76.6	56.2	27	0															0						20-21
21 46	26.500	77.5	58.0	30	0															0	1	.020				21-22
22 49	26.500	70.7	53.5	32	0															0						22-23
23 46	26.500	71.1	55.0	37	0															0						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	79	67	X	X						X		
	0344	1	0	0	0	81	67		0								
	0944	2	0	0	0	80	65		0								
	1543	3	0	0	0	92	80		0								
	2147	4	0	0	0	90	76		0								
	MID.	X	0	0	0	78	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0950	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.565	26.470	26.500
BAROGRAPH 64	26.525	26.565	26.470	26.500
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	65	0	0	0	24	SW	1421					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: 0932 OK / 1931 PST OK

CHANGED MICRO-BAROGRAPH @ 0950 LST

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: 1981 SEP 22

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)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	CLR	20			084	67	40	07	03		990	400	CG
SA	0146	CLR	20			084	67	40	11	06		990		CG
SA	0246	CLR	20			076	68	41	04	08		987		CG
SA	0349	CLR	20			084	67	40	07	04		990	500 66 RADAT 57141	RD
SA	0450	CLR	20			090	64	38	04	05		991		RD
SA	0550	CLR	20			095	65	40	05	10		992		RD
SA	0648	CLR	20			101	71	43	27	03		994	214	RD
SA	0746	CLR	20			099	75	43	23	05		994		RD
SA	0849	CLR	20			097	79	42	17	03		994		RD
SA	0951	CLR	20			092	85	45	22	17		993	803 1001 64	RD
SA	1049	CLR	20			087	87	46	21	18		991		RD
SA	1149	CLR	20			085	88	46	22	20		991		RD
SA	1248	CLR	20			084	88	44	18	12	G24	990	710 1001	RD
SA	1350	CLR	20			080	88	44	19	17		988		RD
SA	1447	CLR	20			076	89	42	19	20		988		RD
SA	1548	CLR	20			071	89	41	21	11		986	712 91 RADAT 41138	CG
SA	1646	CLR	20			073	87	40	22	17		986		CG
SA	1749	CLR	20			081	83	39	22	13		987		CG
SA	1845	CLR	20			086	80	43	21	11		990	312	CG
SA	1949	CLR	20			089	78	43	21	08		991		CG
SA	2046	CLR	20			091	78	42	23	05		992		CG
SA	2146	CLR	20			091	72	41	35	06		992	107 91	CG
SA	2246	CLR	20			090	72	42	03	05		992		CG
SA	2346	CLR	20			089	73	41	01	05		992		CG

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: 1981 SEP 2 2

To convert LST to GMT ADD 0 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.500	66.9	52.4	38	0															0	4	.000			00-01
01 46	26.500	66.7	52.1	37	0															0					01-02
02 46	26.480	67.6	52.8	37	0															0					02-03
03 49	26.500	66.6	52.0	37	0															0	5	.000			03-04
04 50	26.510	63.9	50.4	39	0															0					04-05
05 50	26.520	65.1	51.6	40	0															0					05-06
06 48	26.540	70.7	54.9	36	0															0	2	.040			06-07
07 46	26.540	75.1	56.8	32	0															0					07-08
08 49	26.540	79.0	58.6	29	0															0					08-09
09 51	26.530	85.1	60.9	25	0	0	Ci	250												0	8	.010			09-10
10 49	26.510	87.0	62.0	24	0															0					10-11
11 49	26.505	88.1	62.6	24	0															0					11-12
12 48	26.500	87.9	61.8	22	0	0	Ci	250												0	7	.030			12-13
13 50	26.485	88.3	61.8	22	0															0					13-14
14 47	26.480	88.8	61.2	19	0															0					14-15
15 48	26.465	89.1	60.9	18	0															0	7	.035			15-16
16 46	26.465	86.9	60.0	20	0															0					16-17
17 49	26.480	82.5	58.1	22	0															0					17-18
18 45	26.500	80.2	58.4	26	0															0	3	.035			18-19
19 49	26.510	78.1	57.9	29	0															0					19-20
20 46	26.520	77.9	57.2	28	0															0					20-21
21 46	26.520	72.4	54.7	32	0															0	1	.020			21-22
22 46	26.520	72.4	55.1	33	0															0					22-23
23 46	26.520	72.9	55.1	32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	91	66	X	X						X		
	0344	1	0	0	0	78	66		0								
	0945	2	0	0	0	85	64		0								
	1543	3	0	0	0	91	85		0								
	2142	4	0	0	0	89	72		0								
	MID.	X	0	0	0	73	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1547	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.530	26.485	26.520
BAROGRAPH 64	26.495	26.530	26.470	26.510
BAR. CORR. 65	+.005	0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
91	64	0	0	0	24	5	1245					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: 0802 OK / 1916 MST OK

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: 1981 SEP 23

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 (4)	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 (Hg.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0047	CLR	20			096	68	37	05	03		993	303	CG
SA	0147	CLR	20			100	65	33	09	02		994		CG
SA	0247	CLR	20			098	68	36	26	05		994		CG
SA	0350	CLR	20			096	66	35	04	09		993	000 65 RADAT 22146	EP
SA	0447	CLR	20			106	63	33	02	04		996		EP
SA	0549	CLR	20			112	66	35	09	05		997		EP
SA	0648	CLR	20			118	68	39	00	00		999	317	EP
SA	0749	CLR	20			118	74	40	28	03		999		EP
SA	0851	CLR	20			118	79	42	15	06		000		EP
SA	0950	CLR	20			115 H0	83	42	21	17	G23	999	000 62	EP
SA	1048	CLR	20			114	84	46	23	17	G24	999		EP
SA	1147	CLR	20			109	86	45	19	18	G26	998	TCU SE	EP
SA	1251	CLR	20			106	86	41	22	18	G30	996	TCU SE/808 1201	EP
SA	1349	CLR	20			097	86	40	23	16	G23	993	TCU SE	EP
SA	1450	250 - SCT	20			091	87	47	22	16	G23	992		EP
SA	1547	250 - SCT	20			090	86	45	19	16	G23	991	615 1101 88	SH
	—		—			—						—	RADAT 20144	—
SA	1651	250 - SCT	20			097	82	44	22	14	G24	992		SH
SA	1746	250 - BKN	20			101	80	47	20	12		993		SH
SA	1847	250 - SCT	20			106	79	43	20	08		995	212 1001	SH
SA	1947	250 - SCT	20			112	75	43	22	05		996		SH
SA	2045	250 - SCT	20			112	72	44	10	03		997		SH
SA	2147	CLR	20			115	71	45	24	06		998	212 88	SH
SA	2247	CLR	20			118	70	34	29	02		999	FEW CI	SH
SA	2346	CLR	20			118	70	35	31	04		999	FEW CI	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 $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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: 1981 SEP 23

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 47	26.530	67.8	51.4	32	0															0	3	.010			00-01
01 47	26.540	65.4	49.2	30	0															0					01-02
02 47	26.540	67.9	51.2	31	0															0					02-03
03 50	26.530	65.8	50.0	32	0															0	0	.000			03-04
04 47	26.550	62.7	48.1	33	0															0					04-05
05 49	26.560	65.5	49.9	32	0															0					05-06
06 48	26.580	68.3	52.5	34	0															0	3	.050			06-07
07 49	26.585	73.5	55.1	30	0															0					07-08
08 51	26.590	79.2	57.7	26	0															0					08-09
09 50	26.580	82.7	59.1	24	0															0	0	.000			09-10
10 48	26.580	84.1	61.3	27	0															0					10-11
11 47	26.570	85.8	61.4	24	0															0					11-12
12 51	26.555	85.5	59.8	21	0	0	CU	90	0	CI	250	0								0	8	.025			12-13
13 49	26.530	86.3	59.5	19	0															0					13-14
14 50	26.515	86.5	62.2	25	2															0					14-15
15 47	26.510	85.6	61.4	25	2	0	CU	90	2	CI	250	0								0	6	.045			15-16
16 51	26.520	82.4	59.9	26	4															1					16-17
17 46	26.530	79.6	60.0	32	6															2					17-18
18 47	26.545	78.6	58.6	30	5	5	CI	250												2	2	.035			18-19
19 47	26.560	74.8	56.5	32	3															1					19-20
20 45	26.570	72.4	56.0	36	4															1					20-21
21 47	26.580	70.6	55.7	39	0															0	2	.035			21-22
22 47	26.585	69.7	51.2	26	0															0					22-23
23 46	26.590	69.6	51.7	28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	73	65	X	X						X		
	0345	1	0	0	0	73	65		0								
	0946	2	0	0	0	84	62		0								
	1542	3	0	0	0	88	83		0								
	2143	4	0	0	0	86	70		0								
	MID.	X	0	0	0	71	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.580	26.510	26.580
BAROGRAPH 64	26.530	26.575	26.510	26.570
BAR. CORR. 65	0	+.005	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	62	0	0	0	28	SW	1246					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: 1000 OK 2130 - OK

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 1981 SEP 24

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			119	69	36	24	07		999	103	SH
SA	0145	CLR	20			119	69	36	26	09		999		SH
SA	0246	CLR	20			118	69	36	19	09		999		SH
SA	0350	CLR	20			118	70	35	18	08		999	400 67 RADAT 21146	EP
SA	0447	CLR	20			125	68	33	10	10		001		EP
SA	0549	CLR	20			132	61	32	04	08		002		EP
SA	0648	CLR	20			135	67	35	01	06		003	210	EP
SA	0750	CLR	20			139	72	38	31	03		004		EP
SA	0852	CLR	20			138	77	42	22	14		004		EP
SA	0948	CLR	20			134	79	43	23	16	G22	003	000 ~~61~~ 1001 61	EP
SA	1047	CLR	20			128	82	40	21	17	G25	002		EP
SA	1148	CLR	20			123	83	44	21	19	G26	001		EP
SA	1251	CLR	20			114	84	43	22	18	G26	998	815 1101	EP
SA	1350	250 - SCT	20			109	83	41	21	17	G26	997		EP
SA	1450	250 - BKN	20			101	83	39	22	19	G29	995		EP
SA	1548	E250 BKN	20			097	82	42	22	20	G31	993	715 1002 85	SH
	—		—			—						—	RADAT 41134	—
SA	1646	E250 BKN	20			100	80	40	21	18		993		SH
SA	1748	250 - SCT	20			107	76	36	21	12		994		SH
SA	1847	250 - SCT	20			107	75	38	20	12	G21	994	303 1001	SH
SA	1948	250 - SCT	20			104	74	39	19	12		994		SH
SA	2046	250 - SCT	20			097	74	38	20	08		993		SH
SA	2147	CLR	20			092	74	39	18	08		992	807 1001 85	SH
SA	2245	250 - SCT	20			084	73	39	20	12	G24	990		SH
SA	2345	250 SCT	20			080	74	40	19	11		988		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: 1981 SEP 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 49	26590	68.8	51.7	30	0															0	1	.010			00-01
01 45	26590	68.9	51.7	30	0															0					01-02
02 46	26590	68.8	51.7	30	0															0					02-03
03 50	26,590	69.8	51.6	27	0															0	4	.000			03-04
04 47	26,600	68.0	50.3	27	0															0					04-05
05 49	26,605	61.0	47.0	34	0															0					05-06
06 48	26,620	67.0	50.6	31	0															0	2	.030			06-07
07 50	26,630	72.2	53.5	28	0															0					07-08
08 52	26,630	76.6	56.7	29	0															0					08-09
09 48	26,620	78.8	58.1	28	0	0	C1	250												0	0	.000			09-10
10 47	26,610	81.8	58.1	23	0															0					10-11
11 48	26,600	82.9	59.8	25	0															0					11-12
12 51	26,575	83.8	59.7	23	0	0	C4	80	0	C1	250	0								0	8	.045			12-13
13 50	26,560	83.4	59.1	23	3															1					13-14
14 50	26,540	82.8	58.2	21	8															3					14-15
15 48	26,530	82.4	59.0	24	7	7	C1	E250												5	7	.045			15-16
16 46	26530	80.0	57.3	24	6															4					16-17
17 48	26535	76.4	54.8	24	5															2					17-18
18 47	26540	75.1	54.7	26	3	3	C1	250												1	3	.010			18-19
19 48	26540	74.2	55.0	28	2															0					19-20
20 46	26530	74.0	54.5	27	2															1					20-21
21 47	26520	74.0	54.6	28	0	0	C1	250												0	8	.020			21-22
22 45	26500	73.4	54.7	29	2															1					22-23
23 45	26490	74.3	55.2	29	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	70	67	X	X						X		
	0346	1	0	0	0	71	67		0								
	0944	2	0	0	0	80	61		0								
	1542	3	0	0	0	85	79		0								
	2143	4	0	0	0	82	73		0								
	MID.	X	0	0	0	74	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26590	26620	26530	26520
BAROGRAPH 64	26.580	26620	26520	26520
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
85	61	0	0	0	32	SW	1017					2	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: 0807 CLOCK 1SEC SLOW 1830 - 1 SEC SLOW

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: 1981 SEP 25

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 (10s-°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0018	CLR	20			088	72	41	23	12		991	503 1001	SH
SA	0145	250 -SCT	20			083	70	40	19	13	G25	989		SH
SA	0244	250 -SCT	20			086	69	41	21	10		990		SH
SA	0350	250 -SCT	20			090	68	38	22	05		991	500 1001 68 RADAT 52131	EP
SA	0445	CLR	20			096	65	38	23	11		992		EP
SA	0549	250 - BKN	20			108	62	37	31	05		994	ACSL SE	EP
SA	0648	250 - BKN	20			115	66	38	30	05		997	317 1671	EP
SA	0747	120 SCT E250 BKN	20			123	69	37	24	10		999		EP
SA	0847	E250 BKN	20			131	70	39	25	12		002		EP
SA	0950	E250 BKN	20			126	73	40	21	11		001	014 1002 62	EP
SA	1048	E250 BKN	20			126	73	40	22	08		001		EP
SA	1146	E250 BKN	20			124	75	40	18	10		000		EP
SA	1250	250 SCT	20			114	78	40	21	12		998	810 ~~1031~~ 1131	EP
SA	1346	250 SCT	20			110	80	41	22	11		997		EP
SA	1450	CLR	20			107	80	41	23	07		996		EP
SA	1549	CLR	20			108	80	41	24	07		996	607 1001 81	SH
	—		—			—						—	RADAT 22129	—
SA	1648	CLR	20			112	80	40	23	08		996		SH
SA	1747	CLR	20			117	74	38	23	06		996	FEW CI	SH
SA	1845	CLR	20			120	69	35	00	00		997	205	SH
SA	1946	CLR	20			125	65	35	03	05		998		SH
SA	2047	CLR	20			134	63	35	10	04		001		SH
SA	2148	CLR	20			134	64	35	04	08		002	114 81	SH
SA	2245	CLR	20			134	64	36	04	07		002		SH
SA	2346	CLR	20			135	60	33	05	03		002		SH

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

FM11V: Iliii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dapp} $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO: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: 1981 SEP 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 48	26.510	71.6	54.6	33	0	0	Ci	250												0	5	.010			00-01
01 45	26.495	70.0	53.6	34	3															1					01-02
02 46	26.500	69.2	53.7	36	3															1					02-03
03 50	26.510	67.5	51.9	34	2	2	Ci	250												1	5	.000			03-04
04 45	26.520	65.0	50.9	37	0															0					04-05
05 49	26.540	62.2	49.3	40	8															3					05-06
06 48	26.560	65.9	51.1	36	9	0	Ac	120	9	Ci	250	9								4	3	.050			06-07
07 47	26.585	68.5	51.9	32	9															7					07-08
08 47	26.605	69.8	53.0	32	9															8					08-09
09 50	26.600	72.5	54.4	30	8	8	Ci	250												7	0	.040			09-10
10 48	26.600	73.3	55.0	30	8															6					10-11
11 46	26.595	75.1	55.5	28	7															4					11-12
12 50	26.570	77.6	56.6	26	1	0	Cu	100	0	Ac	150	0	1	Ci	250	1				1	8	.030			12-13
13 46	26.560	79.6	57.6	25	1															1					13-14
14 50	26.550	79.8	57.6	25	0															0					14-15
15 49	26.550	79.9	57.6	25	0	0	Ci	250												0	6	.020			15-16
16 48	26.560	79.7	57.2	24	0															0					16-17
17 47	26.560	74.0	54.4	27	0															0					17-18
18 45	26.565	68.8	51.3	29	0															0	2	.015			18-19
19 46	26.580	65.3	49.7	32	0															0					19-20
20 47	26.600	63.4	49.0	35	0															0					20-21
21 48	26.605	64.4	49.3	33	0															0	1	.040			21-22
22 45	26.605	64.1	49.7	35	0															0					22-23
23 46	26.605	59.6	46.7	37	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 0346	X	0	0	X	74	68	X	X						X		
	0346	1	0	0	0	74	68		0								
	0945	2	0	0	0	73	62		0								
	1543	3	0	0	0	81	73		0								
	2144	4	0	0	0	80	62		0								
	MID.	X	0	0	0	64	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.600	26.550	26.605
BAROGRAPH 64	26.505	26.590	26.545	26.595
BAR. CORR. 65	+.005	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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
81	60	0	0	0	25	S	0141					5	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 1000 CLOCK OK 1845 - OK

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: 1981 SEP 26

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	CLR	20			135	60	34	11	02		002	302	SH
SA	0145	CLR	20			135	58	33	13	06		002		SH
SA	0247	CLR	20			135	57	32	04	04		002		SH
SA	0350	CLR	20			139	55	32	11	03		003	302 55 RADAT 20133	EP
SA	0448	CLR	20			142	57	32	12	05		004		EP
SA	0548	CLR	20			151	55	32	10	05		005		EP
SA	0647	CLR	20			155	60	34	12	03		007	112 1001	EP
SA	0745	CLR	20			156	69	32	04	12		008		EP
SA	0848	CLR	20			153	73	36	35	08		007		EP
SA	0949	CLR	20			151	78	39	03	03		007	002 100154	EP
SA	1050	CLR	20			149	81	39	18	06		007		EP
SA	1147	CLR	20			150	82	39	16	08		007		EP
SA	1250	CLR	20			136	84	40	23	12		003	812 1001	EP
SA	1349	CLR	20			133	86	41	22	09		002		EP
SA	1450	CLR	20			131	~~88~~ 80	40	24	03		001		EP
SA	1547	CLR	20			127	85	41	25	05		999	710 86 RADAT 49146	SH
SA	1645	CLR	20			126	85	39	28	07		999		SH
SA	1746	250 -SCT	20			133	79	37	26	09		001		SH
SA	1845	CLR	20			137	74	35	34	07		002	307 1001	SH
SA	1948	CLR	20			139	72	33	06	07		003		SH
SA	2046	CLR	20			137	69	33	05	09		003		SH
SA	2146	CLR	20			136	66	32	31	05		003	103 86	SH
SA	2246	CLR	20			135	65	33	07	03		003		SH
SA	2345	CLR	20			139	64	33	22	04		004		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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: 1981 SEP 26

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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.610	60.0	47.0	37	0															0	3	.005			00-01
01 45	26.610	58.2	46.0	38	0															0					01-02
02 47	26.610	56.6	45.0	40	0															0					02-03
03 50	26.615	55.1	44.1	41	0															0	3	.005			03-04
04 48	26.625	57.0	45.1	39	0															0					04-05
05 48	26.640	55.2	44.3	42	0															0					05-06
06 47	26.650	60.1	47.3	38	0	0	CI	250												0	1	.035			06-07
07 45	26.660	68.8	50.4	26	0															0					07-08
08 48	26.655	73.2	53.3	25	0															0					08-09
09 49	26.655	77.8	56.2	25	0	0	CI	250												0	0	.005			09-10
10 50	26.655	80.6	57.4	23	0															0					10-11
11 47	26.650	81.8	57.6	22	0															0					11-12
12 50	26.620	84.2	59.0	21	0	0	CI	250												0	.8	.035			12-13
13 49	26.610	86.0	60.0	21	0															0					13-14
14 50	26.600	84.8	59.1	20	0															0					14-15
15 47	26.590	85.2	59.8	21	0															0	7	.030			15-16
16 45	26.590	84.7	58.6	19	0															0					16-17
17 46	26.600	78.7	55.8	22	2															0					17-18
18 45	26.610	74.1	53.3	24	0	0	CI	250												0	3	.020			18-19
19 48	26.620	71.7	51.7	24	0															0					19-20
20 46	26.620	68.7	50.7	27	0															0					20-21
21 46	26.620	65.7	49.0	28	0															0	1	.010			21-22
22 46	26.620	65.1	49.0	30	0															0					22-23
23 45	26.630	63.5	48.5	32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 03.46	X	0	0	X	60	55	X	X						X		
	0346	1	0	0	0	64	55		0								
	0946	2	0	0	0	79	54		0								
	1543	3	0	0	0	86	78		0								
	2142	4	0	0	0	85	66		0								
	MID.	X	0	0	0	66	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.655	26.590	26.630
BAROGRAPH 64	26.610	26.650	26.585	26.610
BAR. CORR. 65	+.005	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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
86	54	0	0	0	16	WE	0713					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: 1000 CLOCK 1 SEC SLOW 1730 - OK

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: 1981 SEP 27

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (00=360) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0046	CLR	20			136	60	31	00	00		003	000	SH
SA	0147	CLR	20			131	59	31	08	04		002		SH
SA	0249	CLR	20			136	59	31	00	00		003		SH
SA	0347	CLR	20			135	58	31	02	02		003	500 57 RADAT 29147	JD
SA	0449	CLR	20			138	58	31	32	02		004		JD
SA	0549	230-SCT	20			145	56	30	00	00		004		JD
SA	0649	CLR	20			151	62	32	32	03		006	310 1001	JD
SA	0748	CLR	20			150	68	35	33	03		006		JD
SA	0848	CLR	20			148	74	38	32	04		006		JD
SA	0950	CLR	20			143	79	40	02	04		005	803 1001 56	JD
SA	1046	CLR	20			139	82	41	09	03		004		JD
SA	1148	CLR	20			129	87	41	23	12	G22	002		JD
SA	1248	CLR	20			119	89	42	23	15	G24	998	720 1002	JD
SA	1347	CLR	20			115	90	43	21	10	G23	997		JD
SA	1450	CLR	20			108	89	43	23	12	G24	995		JD
SA	1545	CLR	20			106	88	41	20	16	G21	995	612 100290 RADAT 20139	RK
SA	1645	CLR	20			108	86	39	18	14		995		RK
SA	~~1647~~	CLR	20			110	82	38	21	10		995		RK
SA	1845	CLR	20			114	78	39	12	07		996	303 1001	RK
SA	1945	CLR	20			115	75	38	13	08		997		RK
SA	2045	CLR	20			113	75	37	14	08		997		RK
SA	2145	CLR	20			105	74	36	12	06		996	000 90	RK
SA	2245	CLR	20			109	72	36	09	04		997		RK
SA	2345	CLR	20			108	70	35	12	09		997		RK

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: 1981 SEP 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 46	26.620	60.2	46.3	33	0															0	0	.000			00-01
01 47	26.610	59.2	45.8	34	0															0					01-02
02 49	26.620	58.6	45.6	35	0															0					02-03
03 47	26.620	57.7	45.0	36	0															0	5	.000			03-04
04 49	26.625	57.9	45.0	35	0															0					04-05
05 49	26.630	55.9	44.0	38	4															0					05-06
06 49	26.650	61.6	47.3	33	0	0	Ci	230												0	3	.030			06-07
07 48	26.650	68.0	50.8	29	0															0					07-08
08 48	26.650	74.1	54.4	27	0															0					08-09
09 50	26.640	79.1	56.9	24	0	0	Ci	230												0	8	.010			09-10
10 46	26.630	82.0	58.4	23	0															0					10-11
11 48	26.610	86.5	60.1	20	0															0					11-12
12 48	26.580	88.5	61.2	20	0	0	Ci	230												0	7	.060			12-13
13 47	26.570	89.8	61.9	20	0															0					13-14
14 50	26.550	89.1	61.8	20	0															0					14-15
15 45	26.545	87.9	60.5	19	0	0	Ci	230												0	6	.035			15-16
16 45	26.545	85.8	59.2	19	0															0					16-17
17 47	26.545	81.8	57.4	21	0															0					17-18
18 45	26.555	77.9	56.3	25	0	0	Ci	250												0	3	.010			18-19
19 45	26.565	75.2	55.0	26	0															0					19-20
20 45	26.565	74.6	54.4	26	0															0					20-21
21 45	26.555	73.7	53.7	26	0															0	0	.000			21-22
22 45	26.565	71.8	52.9	27	0															0					22-23
23 45	26.565	69.6	51.5	28	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	64	57	X	X						X		
	0344	1	0	0	0	66	57		0								
	0945	2	0	0	0	79	56		0								
	1542	3	0	0	0	90	79		0								
	2142	4	0	0	0	88	74		0								
	MID.	X	0	0	0	74	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0949	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.640	26.545	26.555
BAROGRAPH 64	26.610	26.635	26.550	26.555
BAR. CORR. 65	+.010	+.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 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
90	56	0	0	0	25	SW	1308					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: 0500 P ON TIME 1959 P ON TIME

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: 1981 SEP 28

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 (10-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			107	70	35	07	05		997	103	RK
SA	0145	CLR	20			102	71	36	11	06		996		RK
SA	0250	CLR	20			104	70	39	12	07		996		RK
SA	0349	CLR	20			099	67	39	12	04		994	808 1001 66 RADAT 20146	JD
SA	0449	300 - SCT	20			105	66	38	05	04		995		JD
SA	0548	200 SCT 300 - OVC	20			108	65	36	11	10		995		JD
SA	0651	200 SCT 300 - OVC	20			111	68	36	11	07		996	305 1048	JD
SA	0750	200 SCT 300 - OVC	20			116	75	40	12	06		998	ACSL SE	JD
SA	0849	200 SCT 300 - OVC	20			111	82	41	19	12		997	ACSL SE	JD
SA	0949	200 SCT 300 - OVC	20			115	83	40	20	17		998	108 1048 63	JD
SA	1046	180 SCT E200 BKN 300 OVC	20			114	82	38	22	14		998		JD
SA	1148	E200 BKN 300 OVC	20			107	83	36	21	17		996		JD
SA	1249	190 SCT E210 BKN 300 OVC	20			096	84	39	20	17		993	817 1078	JD
SA	1349	190 SCT E210 BKN 300 OVC	20			090	85	37	20	12	G23	992		JD
SA	1450	190 SCT E210 BKN 300 OVC	20			085	85	38	21	14	G23	990		JD
SA	1545	200 SCT E250 OVC	20			076	84	37	22	16		987	719 1077 87 RADAT 20143	RK
SA	1645	200SCT E250 OVC	20			078	81	37	20	09		987		RK
SA	1745	E250 OVC	20			081	79	36	19	10		987		RK
SA	1845	E250 OVC	20			080	77	36	20	09		987	400 1007	RK
SA	1945	E250 BKN	20			079	74	36	16	07		987		RK
SA	2045	E250 BKN	20			074	76	38	16	05		987		RK
SA	2145	E250 BKN	20			070	74	37	34	03		986	803 1008 87	RK
SA	2245	250 - BKN	20			074	73	36	23	03		987		RK
SA	2345	250 - BKN	20			071	74	36	22	03		986		RK

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO: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 1981 SEP 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 45	26.565	70.0	51.6	27	0															0	1	010			00-01
01 45	26.555	70.8	52.3	28	0															0					01-02
02 50	26.555	69.5	52.8	32	0															0					02-03
03 49	26.540	67.1	52.1	36	0	0	Ci	300												0	8	.025			03-04
04 49	26.550	65.5	51.0	36	4															0					04-05
05 48	26.550	65.0	50.1	34	10															1					05-06
06 51	26.555	67.9	51.4	31	10	0	Ac	180	1	Ci	200	1	9	Cs	300	10				1	3	.015			06-07
07 50	26.575	74.6	55.4	29	10															1					07-08
08 49	26.570	81.8	58.3	23	10															1					08-09
09 49	26.580	82.6	58.2	22	10	0	Ac	180	2	Ci	200	2	8	Cs	300	10				2	1	.025			09-10
10 46	26.575	81.9	57.5	21	10															6					10-11
11 48	26.555	82.7	57.1	19	10															9					11-12
12 49	26.530	83.7	58.4	21	10	1	Ac	190	5	Ci	E210	6	4	Cs	300	10				9	8	.050			12-13
13 49	26.515	85.0	58.2	18	10															9					13-14
14 50	26.500	85.2	58.7	19	10															9					14-15
15 45	26.475	83.7	57.6	19	10	1	Ac	200	10	Cs	E250	10								9	7	.055			15-16
16 45	26.475	81.4	56.8	20	10															9					16-17
17 45	26.475	78.8	55.5	21	10															8					17-18
18 45	26.475	77.2	55.1	23	10	10	Cs	E250												8	4	.000			18-19
19 45	26.475	73.8	53.6	25	7															6					19-20
20 45	26.475	76.2	55.1	25	7															6					20-21
21 45	26.465	73.9	54.0	26	7	7	Cs	E250												6	8	.010			21-22
22 45	26.475	72.3	53.0	26	7															2					22-23
23 45	26.465	73.5	53.6	26	7															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 0344	X	0	0	X	71	66	X	X						X		
	0344	1	0	0	0	74	66		0								
	0944	2	0	0	0	85	63		0								
	1542	3	0	0	0	87	82		0								
	2142	4	0	0	0	84	73		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.580	26.475	26.465
BAROGRAPH 64	26.530	26.565	26.480	26.465
BAR. CORR. 65	+.010	+.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 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
87	63	0	0	0	24	S	1236					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: 0536P ON TIME 2004P ON TIME

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: 1981 SEP 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	250 -BKN	20			069	72	37	16	04		987	986 / 000 1008	RK
SA	0145	250 -OVC	20			068	73	38	16	08		986		RK
SA	0250	E250 OVC	20			065	73	38	17	08		984		RK
SA	0349	E180 OVC	20			064	73	35	20	10		984	707 102/ 71 RADAT 20143	JD
SA	0449	E 180 OVC	20			067	71	33	19	08		984		JD
SA	0548	E180 BKN 250 OVC	20			068	71	31	18	08		984		JD
SA	0648	180 SCT E250 OVC	20			070	70	31	23	04		984	302 1038	JD
SA	0747	180 SCT 250 -OVC	20			073	75	34	24	03		985		JD
SA	0847	180 SCT E250 OVC	20			069	80	34	24	12		985		JD
SA	0949	180 SCT E250 OVC	20			071	79	35	23	14	G22	986	205 1078 70	JD
SA	1046	180 SCT E250 OVC	20			072	80	37	23	14	G24	986		JD
SA	1147	180 SCT E240 OVC	20			070	79	34	19	14	G27	985		JD
SA	1248	180 SCT E240 OVC	20			069	81	35	18	17	G24	985	803 1078	JD
SA	1348	170 SCT E230 OVC	20			064	80	34	20	15		984		JD
SA	1450	170 SCT E200 OVC	20			067	78	34	24	10		984	B1NOVC W	JD
SA	1545	130 SCT E200 OVC	20			068	78	37	23	15		984	502 1077 82 RADAT 20130	RK
SA	1645	130 SCT E200 OVC	20			070	75	38	23	13		984		RK
SA	1745	120 SCT E200 OVC	20			072	74	39	24	09		985		RK
SA	1849	E200 OVC	20			076	73	36	25	09		986	305 1078	RK
SA	1945	E200 OVC	20			080	72	36	22	11		987		RK
SA	2045	E200 OVC	20			086	67	36	03	06		989		RK
SA	2145	E200 OVC	20			093	67	36	03	07		991	215 1008 782	RK
SA	2245	150 SCT 200 -BKN	20			101	66	35	01	03		993		RK
SA	2345	150 SCT 200 -BKN	20			101	66	35	27	03		993		RK

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 $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: 1981 SEP 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 45	26.465	71.7	53.2	28	8	8	Cs	250												4	0	000			00-01
01 45	26.460	73.1	54.0	28	10															4					01-02
02 50	26.450	72.9	54.0	28	10															9					02-03
03 49	26.445	72.6	52.9	25	10	10	Ns	E180												10	7	.020			03-04
04 49	26.450	70.5	51.4	25	10															10					04-05
05 48	26.450	70.8	50.7	22	10															10					05-06
06 48	26.450	70.0	50.5	23	10	3	Ac	180	7	Cs	E250	10								9	3	.005			06-07
07 47	26.460	74.5	53.2	22	10															4					07-08
08 47	26.460	79.6	55.3	19	10															8					08-09
09 49	26.465	79.2	55.5	20	10	1	Ac	180	9	Cs	E250	10								10	2	.015			09-10
10 46	26.465	79.9	56.2	21	10															10					10-11
11 47	26.460	79.1	55.1	19	10															10					11-12
12 48	26.455	80.6	56.1	20	10	2	Ac	180	8	Cs	E240	10								10	8	.010			12-13
13 48	26.445	80.1	55.4	19	10															10					13-14
14 50	26.450	78.1	54.8	20	10															10					14-15
15 45	26.450	77.6	55.6	23	10	3	Ac	130	7	Cs	E200	10								10	5	.005			15-16
16 45	26.450	75.4	55.0	26	10															9					16-17
17 45	26.455	74.2	55.0	28	10															8					17-18
18 49	26.465	72.6	53.1	26	10	0	Ac	120	10	Cs	E200	10								8	3	015			18-19
19 45	26.475	71.9	52.9	27	10															8					19-20
20 45	26.495	67.3	50.8	31	10															7					20-21
21 45	26.510	67.1	51.0	32	10	10	Cs	E200												7	2	045			21-22
22 45	26.530	65.7	49.9	32	8															4					22-23
23 45	26.530	65.5	50.0	33	8															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 0343		0	0		74	72										
	0343	1	0	0	0	74	71		0								
	0944	2	0	0	0	81	70		0								
	1542	3	0	0	0	82	77		0								
	2142	4	0	0	0	78	67		0								
	MID.		0	0	0	67	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.445	26.465	26.450	26.510
BAROGRAPH 64	26.440	26.455	26.455	26.510
BAR. CORR. 65	+.005	+.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 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
82	64	0	0	0	28	5	1000					10	10		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0506P 1 SEC SLOW 2230P 1 SEC SLOW

*Barograph Changed 0951P 0 Corr

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: 1981 SEP 30

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

TYPE (1)	TIME LST (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSORS INITIALS (15)
SA	0045	200 -BKN	20			107	64	35	06	06		995	212 1078	RK
SA	0145	200 -BKN	20			106	65	37	04	12		995		RK
SA	0250	200 - SCT	20			112	64	34	04	14		996		RK
SA	0349	250 - SCT	20			114	64	37	05	16		996	203 1001 63	JC
/													RADAT 41123	/
SA	0445	250 SCT	20			124	65	38	05	15		999		JC
SA	0549	250 -SCT	20			133	62	39	04	11		001	FEW AC NE-E	JC
SA	0648	250 - BKN	20			136	64	41	05	16 G22		002	119 1071	JC
SA	0746	250 - BKN	20			138	66	41	04	15 G23		003		JC
SA	0849	250 - BKN	20			140	70	41	03	14 G24		003		JC
SA	0949	250 -SCT	20			142	74	40	05	12		004	207 1071 62	JC
SA	1048	250 - BKN	20			138	76	42	12	12		003		JC
SA	1147	250 - SCT	20			128	81	44	10	08		001		JC
SA	1248	250 - SCT	20			118	84	43	06	11		999	817 1071	JC
SA	1346	250 - BKN	20			111	83	42	11	10		997	FEW CU AND AC	JC
SA	1448	E250 BKN	20			107	83	39	07	14		996	FEW CU AND AC	JC
SA	1550	E250 BKN	20			109	82	38	06	14		996	610 1178 85 RADAT 35123	LEF
SA	1649	E250 BKN	20			109	80	41	05	08		996		LEF
SA	1748	E250 BKN	20			112	77	39	07	05		996		LEF
SA	1849	E250 BKN	20			110	74	40	10	07		995	802 1008	LEF
SA	1945	E250 BKN	20			113	73	39	10	06		996		LEF
SA	2046	E250 BKN	20			123	70	37	30	07		999		LEF
SA	2150	E250 BKN	20			127	71	45	31	06		000	217 1008 85	LEF
SA	2248	E250 BKN	20			130	70	48	29	08		002		LEF
SA	2347	E250 BKN	20			130	68	46	30	04		002		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: 1981 SEP 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 45	26.545	63.5	48.9	34	7	0	Ac	150	7	Cs	200	7								3	2	035			00-01
01 45	26.545	65.0	50.5	36	6															3					01-02
02 50	26.555	63.8	48.8	33	5															2					02-03
03 49	26.555	63.8	50.0	38	3	3	Ci	250												1	2	.010			03-04
04 45	26.580	64.6	50.6	37	1															1					04-05
05 49	26.600	62.1	50.0	43	5															2					05-06
06 48	26.610	64.0	51.4	42	8	0	Ac	120	8	Ci	250	8								2	1	.055			06-07
07 46	26.620	66.3	52.4	39	9															3					07-08
08 49	26.620	69.9	54.0	35	9															3					08-09
09 49	26.630	73.9	55.2	30	5	0	Ac	120	5	Ci	250	5								1	2	.025			09-10
10 48	26.620	76.3	56.7	29	6															1					10-11
11 47	26.600	80.7	59.0	27	3															1					11-12
12 48	26.580	83.9	60.2	24	4	0	Ac	120	4	Ci	250	4								1	8	.050			12-13
13 46	26.560	83.2	59.4	24	6															2					13-14
14 48	26.550	82.8	58.1	21	9															5					14-15
15 50	26.550	81.7	57.3	21	9	0	cu	80	0	Ac	120	0	9	cs	E250	9				7	6	030			15-16
16 49	26.550	80.0	57.7	25	9															9					16-17
17 48	26.550	76.5	55.8	26	9															8					17-18
18 49	26.545	73.7	53.8	30	9	9	cs	E250												9	8	005			18-19
19 45	26.550	73.2	54.6	30	9															8					19-20
20 46	26.580	70.0	52.6	30	9															8					20-21
21 50	26.595	70.5	55.9	40	9	9	cs	E250												9	2	050			21-22
22 48	26.605	70.1	56.9	49	8															7					22-23
23 47	26.610	67.5	55.2	46	7															7					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		0	0		66	63										
	0345	1	0	0	0	67	63		0								
	0945	2	0	0	0	75	62		0								
	1544	3	0	0	0	85	74		0								
	2145	4	0	0	0	82	70		0								
	MID.		0	0	0	71	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.555	26.630	26.550	26.595
BAROGRAPH 64	26.560	26.630	26.550	26.595
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 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
85	62	0	0	0	27	NE	1311					7	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 1 SEC. SLOW 0948P 2330 1 SEC SLOW