WS FORM F-6
(9-76)

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

STATION: DESERT ROCK, NV

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

MONTH: September | YEAR: 1982

LATITUDE: 36 ° 37 ' N | LONGITUDE: 116 ° 01 ' W | GROUND ELEVATION (H): 3298 FT. | STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT 0400	WIND AVERAGE SPEED (knots)	FASTEST MILE SPEED (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	98	63	81			16				4.5	15	W	26.7	15	8		32	14	10	26
2	102	66	84			19				4.8	17	NE	26.6	60	7		29	15	11	26
3	102	67	85			20				7.1	27	S	26.5	94	8		34	16	13	21
4	97	74	86			21				7.8	31	S	26.5	95	3		21	20	16	28
5	99	68	84			19				5.7	21	SW	26.6	25	4		43	32	19	35
6	99	70	85			20				7.1	24	S	26.6	10	9		49	26	16	27
7	91	71	81			16	T			11.0	21	E	26.6	41	10	T, RW	48	37	26	43
8	87	65	76			11				6.0	16	SW	26.6	50	8		54	46	33	50
9	83	69	76			11				8.0	17	SW	26.5	98	7		60	50	46	57
10	85	61	73			8	.59			8.7	38	SE	26.4	70	6	T, R, RW	64	44	51	78
11	75	56	66			1	.06			11.0	28	NE	26.5	58	1	R	64	20	13	35
12	82	50	66			1				6.6	18	SW	26.4	98	3		60	19	13	25
13	82	57	70			5				8.5	21	W	26.5	03	1		41	33	15	21
14	83	61	72			7				11.5	33	S	26.4	98	2		33	25	26	45
15	77	62	70			5				14.2	38	S	26.4	33	5		53	48	34	47
16	69	51	60		5		T			9.2	24	S	26.5	55	10	R	55	48	57	74
17	77	49	63		2					7.6	24	SW	26.6	53	4		88	52	34	55
18	80	57	69			4				5.3	13	SW	26.5	96	6		78	46	34	57
19	83	58	71			6				6.8	29	SW	26.5	28	6		74	52	23	46
20	85	55	70			5				3.5	17	W	26.5	35	0		63	30	19	35
21	90	57	74			9				4.2	15	SW	26.5	90	0		43	24	17	38
22	93	56	75			10				5.8	24	SW	26.6	24	0		50	25	13	23
23	96	66	81			16				6.1	24	SW	26.6	18	6		24	19	18	24
24	88	70	79			14	T			9.3	21	W	26.6	23	10	RW	38	28	34	62
25	78	64	71			6	.13			9.0	16	NE	26.5	74	10	R, RW	81	69	68	91
26	81	58	70			5	.10			14.3	38	SW	26.3	18	4	RW	84	60	42	57
27	65	48	57		8		.26			8.2	35	N	26.3	34	10	T, R, RW	95	46	71	84
28	66	42	54		11					7.6	24	SW	26.4	09	4		84	46	37	61
29	64	44	54		11		.04			8.3	31	N	26.2	98	6	R, RW	66	40	85	93
30	63	39	51		14					4.7	14	SW	26.5	03	3		90	49	31	52
31																				
SUM	2520	1774	—	—	51	255	1.18	0	—	232.4	—	—	796.4	06	161	—	1698	1079	925	1416
AVG	84.0	59.1	—	—	—	—	—	—	—	7.8	FASTEST	DIRECTION	POSSIBLE	2		—	56.6	36.0	30.8	47.2
										MISC. →	38	SE/SW	26.5	47	5.4	—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 71.6

DEPARTURE FROM NORMAL —

HIGHEST 102 ON 3, 4

LOWEST 39 ON 30

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 10

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 51

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 51

DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 255

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 1768

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH 1.18 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HRS.~~ Daily .59 ON 10

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) 9

PARTLY CLOUDY (Scale 4–7) 12

CLOUDY (Scale 8–10) 9

WITH 0.01 INCH OR MORE PRECIP. 6

WITH 0.10 INCH OR MORE PRECIP. 4

WITH 0.50 INCH OR MORE PRECIP. 1

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

R = RAIN
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~~ 26.760 IN. ON 1

LOWEST ~~SEA LEVEL~~ 26.190 IN. ON 29

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

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

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 01

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (14)	VISIBILITY (Miles) TOWER (14)	WEATHER AND OBSTRUCTIONS TO VISION (15)	SEA LEVEL PRESS. (Mbs.) (16)	TEMP (°F) (17)	DEW PT. (°F) (18)	WIND DIRECTION (100-36) (19)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SEQUENCE NUMBER (15)
SA	0046	250 -OVC	20			160	61	36	12	06		012	803 1001	JC
SA	0144	E250 OVC	20			163	67	33	00	00		013		JC
SA	0249	E250 OVC	20			166	65	36	07	04		014		JC
SA	0348	E250 BKN	20			164	65	34	11	04		013	103 1008 64 RADAT 37157	JK
SA	0449	250- BKN	20			166	65	32	30	03		013		JK
SA	0546	E250 BKN	20			172	66	33	05	02		015		JK
SA	0647	250- BKN	20			180	73	33	08	02		017	314 1078	JK
SA	0748	250- BKN	20			180	79	35	04	02		017		JK
SA	0849	250- BKN	20			177	84	31	01	03		017		JK
SA	0950	250- BKN	20			181	89	34	31	04		018	303 1078 63	JK
SA	1045	250- OVC	20			177	92	31	13	03		017	AC N	JK
SA	1145	250- OVC	20			170	94	31	23	08		015	ACN	JK
SA	1246	250- OVC	20			164	96	33	13	07		014	814 1007	JK
SA	1345	250- BKN	20			158	94	31	26	06		012		JK
SA	1447	250- BKN	20			154	97	29	26	04		011	AC NW	JK
SA	1549	250- BKN	20			154	97	32	27	06		011	610 1006 98 RADAT	JC
/													30159	/
SA	1647	E250 OVC	20			151	94	31	23	06		010		JC
SA	1750	E250 OVC	20			153	90	31	23	07		010		JC
SA	1849	E250 OVC	20			156	84	35	04	06		011	500 1007	JC
SA	1950	250 -BKN	20			158	81	36	10	06		012		JC
SA	2047	250 -SCT	20			166	75	38	09	05		014		JC
SA	2149	250 - SCT	20			164	74	37	26	06		014	110 1008 98	JC
SA	2244	250 SCT	20			160	72	38	05	05		013		JC
SA	2345	E250 BKN	20			157	70	39	04	04		012		JC

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 01

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.700	67.1	51.0	32	10	10	CI	250												2	8	.010			00-01
01 44	26.710	67.4	50.0	28	10															6					01-02
02 49	26.720	64.6	50.0	35	10															8					02-03
03 48	26.710	64.8	49.3	32	6	6	CS	E250												4	0	.010			03-04
04 49	26.710	64.5	48.5	30	6															2					04-05
05 46	26.730	65.5	49.1	29	6															4					05-06
06 47	26.750	73.0	52.3	23	6	0	AC	180	6	CS	250	6								2	3	.040			06-07
07 48	26.750	78.9	55.2	20	6															2					07-08
08 49	26.750	84.2	56.1	15	6															1					08-09
09 50	26.760	89.1	58.9	14	8	0	AC	180	8	CS	250	8								1	3	.010			09-10
10 45	26.750	92.0	59.0	11	10															1					10-11
11 45	26.730	93.8	59.6	11	10															0					11-12
12 46	26.720	96.0	61.0	11	10	10	CS	250												1	8	.040			12-13
13 45	26.700	94.2	59.8	11	9															1					13-14
14 47	26.690	96.5	60.2	9	6															1					14-15
15 49	26.690	96.8	61.0	10	9	9	CS	250												3	6	.030			15-16
16 47	26.680	94.0	59.8	11	10															6					16-17
17 50	26.680	90.0	58.3	12	10															6					17-18
18 49	26.690	84.0	57.2	17	10	10	CS	E250												7	5	.000			18-19
19 50	26.700	80.6	56.2	20	7															3					19-20
20 47	26.720	75.2	55.0	27	5															2					20-21
21 49	26.720	74.1	54.0	26	4	4	CS	250												2	1	.030			21-22
22 44	26.710	71.8	53.0	28	3															2					22-23
23 45	26.700	70.3	53.3	32	8															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	67	64	X	X						X		
	0344	1	0	0	0	70	64		0								
	0946	2	0	0	0	91	63		0								
	1545	3	0	0	0	98	89		0								
	2145	4	0	0	0	97	74		0								
	MID.	X	0	0	0	74	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.760	26.670	26.720
BAROGRAPH 64	26.700	26.755	26.670	26.695
BAR. CORR. 65	+.010	+.005	+.020	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
98	63	0	0	0	15	W	1441					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0710P 01 Sec. / 1925P 01 Sec. / ± Sec.

BAROGRAPH CHANGED RESET TO ZERO CCR 1015P

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 02

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)	OB. SERIES INITIALS (15)
SA	0048	E250 OVC	20			155	72	40	10	08		012	607 1007	JC
SA	0147	250 -BKN	20			151	72	37	03	03		011		JC
SA	0244	250 -SCT	20			152	69	38	12	03		011		JC
SA	0347	250 -BKN	20			152	68	34	00	00		011	503 1008 68 RADAT 20160	JD
SA	0449	250 -BKN	20			160	68	35	33	02		013		JD
SA	0548	250 -OVC	20			167	68	33	36	05		014		JD
SA	0648	250 -BKN	20			165	77	35	09	06	G15	014	110 1008	JD
SA	0748	250 -BKN	20			165	84	31	04	12		014		JD
SA	0848	250 -BKN	20			166	88	33	08	05		015		JD
SA	0949	250 -BKN	20			161	92	37	02	04		014	802 1008 66	JD
SA	047	250 -BKN	20			155	96	36	12	05		012		JD
SA	1147	250 -BKN	20			147	96	36	28	04		010		JD
SA	1249	250 -BKN	20			140	99	36	11	03		008	717 1008	JD
SA	1348	250 -SCT	20			130	99	35	14	04		005		JD
SA	1450	250 -SCT	20			124	100	35	22	08		003		JD
SA	1549	250 -SCT	20			121	98	34	20	08		002	719 1008 02 RADAT 20158	RD
SA	1648	250 -SCT	20			116	99	33	11	06		001		RD
SA	1747	250 -BKN	20			119	94	37	15	04		001		RD
SA	1851	250 -BKN	20			121	86	38	12	07		002	500 1008	RD
SA	1947	250 -BKN	20			123	83	37	09	07		003		RD
SA	2047	250 -BKN	20			125	80	38	07	05		003		RD
SA	2146	250 -BKN	20			126	76	38	05	04		004	205 1008 02	RD
SA	2249	250 -BKN	20			122	74	38	02	03		003		RD
SA	2347	250 -BKN	20			124	72	36	02	05		003		RD

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 02

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	26.700	71.8	54.1	31	10	10	Cs	250												6	6	.020			00-01
01 47	26.690	72.4	53.4	27	7															3					01-02
02 44	26.690	68.9	52.3	32	3															1					02-03
03 47	26.690	67.9	50.6	29	8	8	Cs	250												2	5	.010			03-04
04 49	26.705	68.0	50.8	29	9															2					04-05
05 48	26.720	67.8	50.2	27	10															2					05-06
06 48	26.720	76.9	54.7	22	9	9	Cs	250												1	1	.030			06-07
07 48	26.720	83.7	56.0	15	7															1					07-08
08 48	26.725	87.8	58.1	14	7															1					08-09
09 49	26.715	91.9	60.6	15	9	9	Cs	250												1	8	.005			09-10
10 47	26.700	96.0	61.8	12	9															1					10-11
11 47	26.680	96.2	61.8	12	9															1					11-12
12 49	26.665	99.4	62.9	11	7	7	Cs	250												1	7	.050			12-13
13 48	26.640	99.1	62.4	11	2															0					13-14
14 50	26.620	99.7	62.8	11	5															0					14-15
15 49	26.610	98.0	62.0	11	3	3	Cs	250												0	7	.055			15-16
16 48	26.600	98.8	62.0	10	3															0					16-17
17 47	26.600	93.5	61.1	14	6															1					17-18
18 51	26.610	86.4	59.2	18	7	7	Cs	250												2	5	.060			18-19
19 47	26.615	83.2	57.7	19	7															2					19-20
20 47	26.620	79.8	56.3	23	8															3					20-21
21 46	26.625	76.0	55.3	26	8	8	Cs	250												3	2	.015			21-22
22 49	26.620	74.3	54.7	27	7															2					22-23
23 47	26.620	72.4	53.0	26	6															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		72	68										
	0343	1	0	0	0	74	68		0								
	0945	2	0	0	0	92	66		0								
	1543	3	0	0	0	102	92		0								
	2140	4	0	0	0	100	76		0								
	MID.		0	0	0	76	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.715	26.610	26.625
BAROGRAPH 64	26.685	26.710	26.605	26.620
BAR. CORR. 65	+.005	+.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	66	0	0	0	17	NE	0727					6	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0516 P ±1 Sec. / 1958 ±1 Sec. / ± Sec.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 03

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 (15)
SA	0050	250 - BKN	20			116	74	36	36	05		002	805 1008	RD
SA	0146	250 - SCT	20			118	71	37	07	03		002		RD
SA	0249	250 - SCT	20			119	70	36	00	00		002		RD
SA	0348	300 - OVC	20			123	67	38	02	03		003	302 1007 67 RADAT 20156	JD
SA	0449	300 - OVC	20			127	67	38	05	02		004		JD
SA	0546	300 - SCT	20			132	67	38	33	04		004		JD
SA	0648	300 - SCT	20			136	73	38	32	02		005	208 1005	JD
SA	0747	300 - BKN	20			138	80	35	33	02		006		JD
SA	0848	300 - SCT	20			136	87	38	36	02		006		JD
SA	0948	300 - BKN	20			130	94	41	09	03		005	000 1008 67	JD
SA	1048	250 SCT 300 - OVC	20			123	99	35	18	14		004		JD
SA	1147	250 SCT 300 - OVC	20			118	99	36	18	17		002		JD
SA	1248	300 - BKN	20			109	100	36	18	14	G23	999	717 1038	JD
SA	1348	300 - BKN	20			101	100	37	19	12	G24	997		JD
SA	1450	300 - BKN	20			096	100	39	21	14	G27	995		JD
SA	1549	250 - BKN	20			094	99	40	18	16		994	717 1038 02 RADAT 50151	RD
SA	1649	250 - BKN	20			094	97	40	19	14		994		RD
SA	1747	250 - BKN	20			094	94	40	24	10		993		RD
SA	1846	250 - BKN	20			096	91	39	23	09		994	500 1038	RD
SA	1947	250 - BKN	20			102	85	42	13	06		997		RD
SA	2046	250 - BKN	20			104	83	41	12	06		998		RD
SA	2146	160 SCT 250 - SCT	20			104	84	39	30	03		999	214 1058 02	RD
SA	2249	160 SCT 250 SCT	20			105	80	39	19	04		999	ACSL SE	RD
SA	2349	160 SCT 250 SCT	20			105	77	39	08	05		999		RD

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 03

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	26.610	73.8	53.6	26	6	6	CS	250												1	8	.015			00-01
01 46	26.610	70.8	52.8	29	4															0					01-02
02 49	26.610	70.3	52.0	28	5															0					02-03
03 48	26.615	67.4	51.7	34	10	10	CS	300												1	3	.005			03-04
04 49	26.625	67.1	51.8	35	10															0					04-05
05 46	26.630	66.6	51.5	35	2															0					05-06
06 48	26.640	73.1	54.1	28	2	2	CS	300												0	2	.025			06-07
07 47	26.650	79.9	55.8	20	6															0					07-08
08 48	26.650	87.4	59.4	18	5															0					08-09
09 48	26.640	94.3	62.7	16	9	9	CS	300												0	0	.000			09-10
10 48	26.625	99.4	62.7	11	10															1					10-11
11 47	26.610	98.7	62.6	11	10															4					11-12
12 48	26.590	99.9	63.1	11	9	0	AC	180	9	CS	300	9								4	7	.050			12-13
13 48	26.565	100.0	63.5	12	9															2					13-14
14 50	26.550	100.2	64.0	12	9															2					14-15
15 49	26.540	99.0	63.8	13	9	0	AC	160	9	CS	250	9								2	7	.050			15-16
16 48	26.535	97.0	63.4	14	9															2					16-17
17 47	26.530	94.3	62.3	15	9															2					17-18
18 46	26.540	91.0	61.0	16	9	0	AC	160	9	CS	250	9								2	5	.000			18-19
19 47	26.560	85.4	60.0	22	7															1					19-20
20 46	26.570	83.1	58.8	22	6															0					20-21
21 46	26.580	83.6	58.4	21	4	1	AC	160	3	CS	250	4								1	2	+.040			21-22
22 49	26.585	80.0	57.0	23	3															2					22-23
23 49	26.580	77.3	55.9	25	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		74	67										
	0344	1	0	0	0	76	67		0								
	0945	2	0	0	0	94	67		0								
	1542	3	0	0	0	102	94		0								
	2142	4	0	0	0	100	83		0								
	MID.		0	0	0	84	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.640	26.540	26.580
BAROGRAPH 64	26.600	26.625	26.530	26.560
BAR. CORR. 65	+.015	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP (Ins.) 75	FROZEN GROUND LAYER BASE (Ins.) 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	67	0	0	0	29	S	1444					8	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0512 P ⊙ / Sec. / 1903 ⊙ / Sec. / ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (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	0047	160 SCT 250 SCT	20			100	80	39	21	06		998	803 1058	RD
SA	0147	160 SCT	20			096	83	39	24	04		997	ACSL SE	RD
SA	0247	160 SCT	20			096	84	38	20	12		998	ACSL SE	RD
SA	0348	170 SCT	20			099	81	38	23	09		997	500 1030 77 RADAT5 152	JD
SA	0448	170 SCT	20			113	78	38	11	04		001		JD
SA	0548	170 SCT	20			126	77	37	27	02		004	ACSL SE	JD
SA	0648	170 SCT	20			129	78	43	00	00		005	ACSL SE 122 1140	JD
SA	0747	170 SCT	20			132	82	41	24	04		005	ACSL SE	JD
SA	0849	170 SCT	20			134	85	41	24	05		006	ACSL SE	JD
SA	0949	170 SCT	20			132	88	41	26	04		006	ACSL SE 003 1050 76	JD
SA	1048	E170 BKN	20			126	90	41	24	08		004		JD
SA	1148	E160 BKN	20			129	90	41	24	08		004		JD
SA	1249	E160 BKN	20			120	94	40	23	12	G23	003	VIRGA NE 708 1070	JD
SA	1348	170 SCT	20			111	93	38	20	17		000	ACSL SE	JD
SA	1450	170 SCT	20			103	95	37	23	12	G24	998		JD
SA	1549	160 SCT	20			100	95	41	23	18		997	719 1070 99 RADAT 75147	RD
SA	1646	160 SCT	20			101	93	40	19	12		997		RD
SA	1748	160 SCT	20			103	90	43	23	13		997		RD
SA	1846	160 SCT	20			108	86	42	16	06		998	303 1070	RD
SA	1947	CLR	20			115	83	44	11	07		000		RD
SA	2047	CLR	20			117	81	44	10	07		001		RD
SA	2147	CLR	20			116	79	43	08	06		001	108 1070 97	RD
SA	2246	CLR	20			117	76	44	18	03		00		RD
SA	2347	CLR	20			116	74	45	04	07		001		RD
~~SA~~														

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	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	26.570	80.2	57.0	23	2	1	Ac	160	1	Cs	250	2								2	8	.010			00-01
01 47	26.565	82.8	58.0	21	2															2					01-02
02 49	26.570	83.6	58.0	20	2															2					02-03
03 48	26.570	80.8	56.9	21	2	2	Ac	170												2	5	.000			03-04
04 48	26.600	78.2	56.0	24	2															2					04-05
05 48	26.630	76.8	55.3	24	1															1					05-06
06 48	26.635	78.4	57.9	29	1	0	Cu	100	1	Ac	170	1								1	1	.065			06-07
07 47	26.640	81.6	58.2	23	1															1					07-08
08 49	26.645	85.0	59.5	21	1															1					08-09
09 49	26.645	87.7	60.6	20	3	3	Ac	170												3	0	.010			09-10
10 48	26.630	89.6	61.2	18	6															4					10-11
11 48	26.630	89.8	61.2	18	9															8					11-12
12 49	26.620	93.9	62.4	16	8	8	Ac	E160												7	7	.025			12-13
13 48	26.595	93.4	61.4	14	4															4					13-14
14 50	26.580	95.4	62.0	13	3															3					14-15
15 48	26.565	94.9	63.0	16	3	3	Ac	160												3	7	.055			15-16
16 46	26.565	93.0	62.1	16	3															3					16-17
17 48	26.565	90.2	61.8	19	1															1					17-18
18 46	26.575	86.2	60.3	22	1	1	Ac	160												1	3	.010			18-19
19 47	26.595	83.4	60.0	25	0															0					19-20
20 47	26.600	81.4	59.5	27	0															0					20-21
21 47	26.600	79.0	58.0	28	0	0	Ac	160												0	1	.025			21-22
22 46	26.600	76.4	57.4	31	0															0					22-23
23 47	26.600	74.0	57.3	36	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	85	77	X	X						X		
	0344	1	0	0	0	85	77		0								
	0945	2	0	0	0	88	76		0								
	1543	3	0	0	0	97	88		0								
	2143	4	0	0	0	96	79		0								
	MID.	X	0	0	0	79	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.645	26.565	26.600
BAROGRAPH 64	26.565	26.630	26.560	26.590
BAR. CORR. 65	+.005	+.015	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
97	74	0	0	0	31	S	1336					4	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0506 P ± 0 Sec. / 1950 ± 0 Sec. / ± Sec.

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

☆ U.S. G.P.O. 1982-564-008/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 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. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0047	CLR	20			119	74	48	10	03		002	302	RD
SA	0148	CLR	20			121	71	48	33	03		002		RD
SA	0249	CLR	20			125	73	48	20	03		003		RD
SA	0349	CLR	20			125	71	47	35	03		003	105 71 RADAT 48142	HG
SA	0452	CLR	20			130	68	48	34	03		004		HG
SA	0548	CLR	20			144	69	49	07	03		007		HG
SA	0648	CLR	20			152	73	51	30	05		009	320 1071	HG
SA	0745	CLR	20			151	79	50	10	02		011		HG
SA	0845	250 SCT	20			149	85	54	11	09		011	TCU SE	HG
SA	0947	E250 BKN	20			148	87	54	13	13		010	CB RWU SE/000	HG
—	—												1964 68	—
SA	1052	E250 BKN	20			142	91	54	12	09		008	CB E AND SE MOVE N	HG
SA	1149	80 SCT E250 BKN	20			135	93	56	10	02		006	CB SE MOVG N	HG
SA	1248	80 SCT 250 SCT	20			129	92	53	22	05		004	CB N AND SE MOVG N	HG
—	—												717 1903	—
SA	1350	80 SCT 250 SCT	20			117	97	48	18	12	G17	001	CB N MOVG NE	HG
SA	1450	80 SCT 250 SCT	20			109	96	46	21	08		998	CB N THRU S MOVG NE	HG
SA	1553	80 SCT	20			110	95	46	24	07		998	CB E THRU S MOVG NE	CG
/													617 1900 99 RADAT SE146	/
SA	1652	80 SCT 250 SCT	20			110	95	43	23	08		998	CB E THRU S MOVG NE	CG
SA	1746	80 SCT 250 SCT	20			112	93	44	25	10		998	CB NE THRU SE MOVG NE	CG
SA	1848	80 SCT 250 SCT	20			117	87	44	11	06		999	CB NE MOVG NE/1900 303	CG
SA	1952	80 SCT	20			122	83	51	12	04		002	CB N OCNL LTG N	CG
SA	2051	80 SCT	20			124	81	52	07	03		003	CB MOVG N	CG
SA	2145	CLR	20			124	81	51	03	05		003	110 1100 99	CG
SA	2247	80 SCT	20			127	78	48	27	07		004		CG
SA	2350	80 SCT	20			126	77	51	25	03		004		CG

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 47	26.605	74.1	58.5	40	0															0	3	.005			00-01
01 48	26.610	71.4	57.4	43	0															0					01-02
02 49	26.620	73.0	58.0	41	0															0					02-03
03 49	26.620	71.2	57.0	43	0															0	1	.015			03-04
04 50	26.630	68.3	56.5	49	0															0					04-05
05 48	26.660	68.8	57.0	49	0															0					05-06
06 48	26.680	73.1	59.3	45	0	0	AC	120	0	CI	250	0								0	3	.060			06-07
07 45	26.685	79.2	61.1	36	0															0					07-08
08 45	26.685	85.3	65.0	34	5															4					08-09
09 47	26.680	87.3	65.6	32	7	0	CB	80	0	AC	120	0	7	CI	250	7				6	0	.000			09-10
10 52	26.665	90.9	66.7	29	7															6					10-11
11 49	26.645	93.2	68.3	29	7															6					11-12
12 48	26.630	91.8	66.5	27	5	3	CB	80	2	CI	250	5								5	7	.050			12-13
13 50	26.600	97.4	66.2	19	5															5					13-14
14 50	26.580	95.7	65.0	19	5															5					14-15
15 53	26.580	94.9	64.7	19	5	5	CB	80												5	6	.050			15-16
16 52	26.580	94.7	63.5	17	5															5					16-17
17 46	26.580	92.8	63.3	19	5															4					17-18
18 48	26.590	87.1	61.4	22	4	2	CB	80	2	CS	250	4								3	3	.010			18-19
19 52	26.610	83.3	62.8	32	4															4					19-20
20 51	26.620	81.2	62.6	38	1															1					20-21
21 45	26.620	80.9	62.1	35	0	0	CU	80												0	1	.030			21-22
22 47	26.630	78.2	60.0	35	1															1					22-23
23 50	26.630	77.1	60.7	39	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	74	71	X	X						X		
	0345	1	0	0	0	79	71		0								
	0943	2	0	0	0	87	68		0								
	1545	3	0	0	0	99	87		0								
	2141	4	0	0	0	95	81		0								
	MID.	X	0	0	0	81	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1552	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.680	26.580	26.620
BAROGRAPH 64	26.610	26.620	26.580	26.620
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
99	68	0	0	0	21	SW	1609					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0652 ±1 Sec. 2103 ±1 Sec. ± Sec.

X BAROGRAPH CHANGED RESET TO ±.0 COR

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 6

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (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)	OB. SERIES & INITIALS (15)
SA	0050	80 SCT	20			133	73	50	30	03		005	110 1100	CG
SA	0145	80 SCT	20			134	74	51	09	04		006		CG
SA	0247	CLR	20			136	72	51	03	04		006		CG
SA	0345	250 SCT	20			136	71	51	06	05		006	103 1001 71 RADAT 74139	HG
SA	0448	250 SCT	20			140	73	52	10	08		007		HG
SA	0547	250-BKN	20			145	70	50	02	05		008		HG
SA	0648	E250 BKN	20			148	76	52	20	02		010	210 1006	HG
SA	0746	E250 OVC	20			151	79	51	31	06		010		HG
SA	0848	E250 BKN	20			151	86	52	31	03		011		HG
SA	0950	E250 BKN	20			145	91	51	13	10		010	TCU SE / 000 1208 70	HG
SA	1047	80 SCT E250 BKN	20			138	92	53	23	04		007	CB E AND SE MOVG N	HG
SA	1146	80 SCT E250 BKN	20			125	96	51	20	09	G17	004	CB E	HG
SA	1245	80 SCT E250 OVC	20			119	97	47	21	14	G20	002	CB DSNT NE AND SE	HG
—	—												724 1904	—
SA	1349	80 SCT E250 OVC	20			110	97	48	20	13	G24	999	TCU NE THRU SE	HG
SA	1450	80 SCT E250 OVC	20			101	97	45	21	13	G18	996	CB RWU E	HG
SA	1546	80 SCT E250 OVC	20			102	96	42	21	14		996	CB E / 617 1907 99	CG
													RADAT 29149	
SA	1654	80 SCT E250 OVC	20			098	94	40	21	09		995	CB NE	CG
SA	1746	80 SCT E250 OVC	20			096	92	41	17	09		994	CB NE	CG
SA	1848	E250 OVC	20			095	87	43	11	06		994	607 1007	CG
SA	1946	E250 BKN	20			099	85	44	15	04		995		CG
SA	2046	E250 BKN	20			102	82	44	11	07		996		CG
SA	2146	250-BKN	20			096	81	44	10	07		995	003 1008 99	CG
SA	2248	250-BKN	20			096	77	44	05	05		995		CG
SA	2347	250-OVC	20			099	77	45	35	06		996		CG

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, Nv

DATE: 1982 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 50	26.640	73.1	59.0	44	2	2	Cu	80												2	1	.020			00-01
01 45	26.650	73.9	60.0	45	2															2					01-02
02 47	26.650	72.1	59.0	47	0															0					02-03
03 45	26.650	71.3	59.0	49	2	2	Ci	250												2	1	.010			03-04
04 48	26.660	72.7	59.8	48	2															2					04-05
05 47	26.670	70.3	58.1	49	6															2					05-06
06 48	26.680	76.3	61.0	43	9	9	Cs	E250												6	2	.030			06-07
07 46	26.680	78.7	61.4	38	10															9					07-08
08 48	26.690	85.9	64.3	31	8															5					08-09
09 50	26.680	91.6	65.5	26	8	0	TCU	80	8	Cs	E250	8								5	0	.000			09-10
10 47	26.660	92.3	66.7	27	7															6					10-11
11 46	26.630	95.8	66.8	22	8															7					11-12
12 45	26.610	96.8	65.8	19	10	4	CB	80	6	Ci	E250	10								7	7	.070			12-13
13 49	26.585	97.3	66.0	19	10															7					13-14
14 50	26.560	96.9	64.9	17	10															8					14-15
15 46	26.560	96.2	63.8	16	10	1	CB	80	10	Cs	E250	10								8	6	.050			15-16
16 54	26.580	93.6	62.3	16	10															8					16-17
17 46	26.540	91.7	62.0	17	10															8					17-18
18 48	26.540	86.8	60.7	21	10	10	Cs	E250												8	6	.020			18-19
19 46	26.550	85.1	60.7	24	8															7					19-20
20 46	26.560	82.0	59.5	26	8															7					20-21
21 46	26.550	80.9	59.0	27	8	8	Cs	250												4	0	.010			21-22
22 48	26.550	76.6	57.8	32	8															3					22-23
23 47	26.580	77.0	58.4	33	10															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	77	71	X	X						X		
	0341	1	0	0	0	81	71		0								
	0945	2	0	0	0	91	70		0								
	1543	3	0	0	0	99	91		0								
	2143	4	0	0	0	97	81		0								
	MID.	X	0	0	0	81	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0950	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.680	26.560	26.550
BAROGRAPH 64	26.645	26.675	26.560	26.550
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
99	70	0	0	0	24	5	1342					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0730 ±1 Sec./ 2015 ±1 Sec./ ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 7

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

TYPE (11)	TIME (LST) (12)	SKY AND CEILING (Hundreds of Feet) 3	VISIBILITY (Miles) SURFACE (14)	VISIBILITY (Miles) TOWER (14)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	140 SCT 250-- BKN	20			109	77	47	03	15		999	314 1078	CG
SA	0148	80 SCT 250 SCT	20			115	75	50	03	17		001		CG
SP	0216	E80 BKN	20		T				03	12		001	TB15 T S MOVMT VKN	CG
													LTGIC S	
SP	0237	E80 BKN	20						03	15		001	TE36 LTG ALQDS	CG
SA	0247	E80 BKN	20			115	75	50	04	18		001	TB15E36 ~~RW~~ RB27E36	CG
													LTG ALQDS	
SP	0322	E80 OVC	20		TRW--				06	12		003	T NE B19 MOVE N	[illegible]
—	—												OCNL LTGIC ALQDS	—
RS	0351	E80 OVC	20		RW-	126	73	52	05	10		004	TB19E45 MOVD NE RB15	[illegible]
													31200 14// 73 RADAT 82143	
SA	0451	E80 OVC	20			140	73	51	06	09		007	RE10 OCNL LTGIC DSNT NE	[illegible]
SA	0546	E80 BKN 230 OVC	20			135	73	52	08	05		006	VIRGA SE	[illegible]
SA	0648	E80 BKN 230 OVC	20			143	74	53	07	10		007	TCU DSNT SE AND W/11200	[illegible]
—	—												1403	—
SA	0746	80 SCT E230 OVC	20			146	77	52	08	11		008	TCU SE	[illegible]
SA	0848	E90 BKN 230 OVC	20			154	79	51	09	10		011	CB RWO DSNT SE	[illegible]
SA	0946	90 SCT E230 OVC	20			154	81	52	07	11		011	11000 1407 73	[illegible]
SA	1047	E230 OVC	20			154	82	52	12	12		011		[illegible]
SA	1145	E230 OVC	20			146	85	51	09	14	G21	008		[illegible]
SA	1250	E250 OVC	20			137	86	52	09	13		006	814 1207	[illegible]
SA	1345	80 SCT 120 SCT E250 OVC	20			130	88	52	09	13	G19	004	CB RWO SE	[illegible]
SA	1450	80 SCT 120 SCT E250 BKN	20			118	89	52	09	16		001	TCU SE-SW	[illegible]
SA	1545	80 SCT E250 BKN	20			114	90	51	10	07		999	CB SE/720 1908 90	[illegible]
													RADAT 56138	
SA	1650	80 SCT E250 OVC	20			121	86	49	09	18		001	CB RWO SE	CG
SA	1747	80 SCT E250 OVC	20			125	85	49	09	12		002	CB RWO SE	CG
SA	1848	80 SCT E250 OVC	20			122	82	50	10	07		001	CB SE ADD W LTGIC W/1507	CG
SA	1947	80 SCT E250 OVC	20			133	80	51	07	10		004	CB NW LTG NW	CG
SA	2045	80 SCT E250 OVC	20			137	77	49	25	08		005		CG
SA	2148	250- BKN	20			146	73	49	26	02		007	220 1008 91	CG
SA	2248	250- OVC	20			142	71	50	34	09		006		CG
SA	2348	250- OVC	20			136	73	49	34	08		005		CG

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

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

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

☆U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	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	26.590	76.7	59.0	35	8	2	Ac	140	6	Cs	250	8								4	3	.040			00-01
01 48	26.600	75.1	59.5	41	5															4					01-02
02 47	26.600	74.9	59.5	41	9															9					02-03
03 51	26.625	73.0	60.2	48	10	10	Sc	E80												10	3	.035			03-04
04 51	26.660	73.1	59.5	46	10															9					04-05
05 46	26.645	73.3	60.2	48	10															9					05-06
06 48	26.660	74.4	61.0	48	10	7	Sc	E30	3	Ci	230	10								9	1	.035			06-07
07 46	26.670	77.2	61.2	41	10															8					07-08
08 48	26.690	78.8	61.4	38	10															9					08-09
09 46	26.690	80.9	62.6	37	10	1	Sc	90	10	Cs	E230	10								8	1	.030			09-10
10 47	26.685	82.3	63.1	35	10															8					10-11
11 45	26.670	85.2	63.8	31	10															8					11-12
12 50	26.650	86.0	64.2	31	10	0	TCU	90	10	Cs	E250	10								8	8	.040			12-13
13 45	26.630	87.8	65.0	30	10															7					13-14
14 50	26.600	88.5	65.1	29	9															6					14-15
15 45	26.590	90.0	65.0	26	9	2	Cb	80	7	Cs	E250	9								7	7	.060			15-16
16 50	26.600	85.8	63.1	29	10															9					16-17
17 47	26.610	84.6	62.5	28	10															9					17-18
18 48	26.600	81.5	62.0	34	10	3	Cb	80	7	Cs	E250	10								9	0	.010			18-19
19 47	26.630	80.1	62.0	37	10															9					19-20
20 45	26.640	76.7	60.0	38	10															8					20-21
21 48	26.660	73.0	58.5	43	8	8	Cs	250												4	2	.060			21-22
22 48	26.650	71.3	58.4	47	10															4					22-23
23 48	26.640	72.7	58.2	43	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	T	0	X	77	73	X	X						X		
	0345	1	T	0	0	81	73		0								
	0942	2	T	0	0	81	73		0								
	1543	3	0	0	0	90	81		0								
	2144	4	0	0	0	91	73		0								
	MID.	X	0	0	0	73	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0946	1545	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.670	26.590	26.660
BAROGRAPH 64	26.625	26.680	26.580	26.660
BAR. CORR. 65	0	+.010	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	71	T	0	0	21	E	*1542					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
FT-	0215	0236			
RW-	0227	0236			
RW-	0315	0410			
T	0319	0345			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK - CLOCK AT: 0605 ± 1 Sec. / 2105 ± 1 Sec. / ± Sec.

* LAST OF SEVERAL OCCURANCES

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 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 (14)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER INITIALS (15)
SA	0047	250-OVC	20			145	70	48	12	05		007	500 1007	CG
SA	0146	250-OVC	20			142	68	49	02	03		006		CG
SA	0246	250-BKN	20			142	67	50	12	05		006		CG
SA	0348	250 SCT	20			141	67	50	19	04		006	603 1008 67 RADAT 75138	HG
SA	0445	250 SCT	20			147	65	49	33	05		007		HG
SA	0546	90 SCT 120 SCT	20			156	65	49	00	00		010		HG
SA	0647	E90 BKN 120 OVC	20			160	69	52	33	06		011	BINOVC NW/214 1461	HG
SA	0753	E90 OVC	20			158	71	52	13	05		011		HG
SA	0846	E90 OVC	20			164	73	52	11	06		012		HG
SA	0950	E90 OVC	20			165	75	53	10	03		012	103 15// 65	HG
SA	1045	E90 BKN 120 OVC	20			160	79	54	12	07		011		HG
SA	1145	90 SCT E120 OVC	20			153	82	52	22	03		010		HG
SA	1248	E140 BKN	20			141	84	53	22	09		006	CB RWU 5 MOVG W	HG
—	—												817 1970	—
SA	1345	80 SCT E140 BKN	20			136	83	52	24	09		004	CB DSNT NW CB S DSIPTD	HG
SA	1450	E140 BKN	20			127	85	52	27	04		002		HG
SA	1548	80 SCT E140 BKN	20			124	84	52	21	08		001	717 1170 87 RADAT 75140	CG
SA	1645	E140 BKN	20			126	83	51	23	09		001		CG
SA	1747	E140 BKN	20			126	82	51	22	10		001		CG
SA	1850	140 SCT	20			134	79	51	22	06		003	307 1076	CG
SA	1949	140 SCT	20			138	77	52	24	07		004		CG
SA	2049	140 SCT	20			140	76	54	23	10		005		CG
SA	2147	140 SCT 250 SCT	20			144	74	54	23	08		006	210 1078 87	CG
SA	2245	140 SCT 250 SCT	20			143	72	55	02	05		006		CG
SA	2346	140 SCT 250 SCT	20			138	71	55	34	07		005		CG

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	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	26.660	69.6	56.7	43	10	10	CS	250												4	5	.000			00-01
01 46	26.650	68.1	56.9	51	10															3					01-02
02 46	26.650	66.7	58.5	54	8															2					02-03
03 48	26.650	66.8	56.5	54	3	3	CS	250												2	6	.010			03-04
04 45	26.660	64.7	55.2	56	1															1					04-05
05 48	26.680	64.9	55.7	57	3															3					05-06
06 47	26.690	66.7	57.2	57	10	9	SC	E90	1	AC	120	10								9	2	.040			06-07
07 53	26.690	71.3	59.3	50	10															10					07-08
08 46	26.700	73.2	60.0	48	10															10					08-09
09 50	26.700	75.4	61.3	46	10	10	SC	E90												10	1	.010			09-10
10 45	26.690	79.0	62.8	42	10															10					10-11
11 45	26.680	82.4	63.0	35	10															9					11-12
12 48	26.650	84.1	64.0	34	9	0	CB	80	9	AC	E140	9								8	8	.050			12-13
13 45	26.630	83.0	63.5	35	7															7					13-14
14 50	26.610	85.2	64.2	32	6															6					14-15
15 48	26.600	83.8	63.5	33	7	1	CU	80	7	AC	E140	7								7	7	.050			15-16
16 45	26.600	82.9	63.0	34	7															7					16-17
17 47	26.600	81.7	62.6	35	6															6					17-18
18 50	26.620	78.7	61.5	38	4	4	AC	140												4	3	.020			18-19
19 49	26.630	76.5	61.0	42	3															3					19-20
20 49	26.640	76.4	62.2	46	3															3					20-21
21 47	26.650	74.3	61.6	50	4	2	AC	140	2	CS	250	4								3	2	.030			21-22
22 45	26.650	72.2	61.4	55	5															4					22-23
23 46	26.640	71.2	61.1	57	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	73	67	X	X						X		
	0344	1	0	0	0	73	67		0								
	0945	2	0	0	0	75	65		0								
	1543	3	0	0	0	87	75		0								
	2144	4	0	0	0	84	74		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.700	26.600	26.650
BAROGRAPH 64	26.650	26.700	26.600	26.650
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	65	0	0	0	16	SW	1510					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0600 ±1 Sec./ 2030 ±1 Sec./ ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 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 (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Whole) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hrs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. NEXT HOUR (15)
SA	0047	140 SCT E250 BKN	20			137	71	56	30	03		005	603 1078	CB
SA	0145	140 SCT E250 BKN	20			139	69	57	03	02		005		CB
SA	0250	140 SCT E250 BKN	20			138	69	57	04	07		005		CB
SA	0346	140 SCT E250 BKN	20			137	70	56	23	02		005	400 1078 69 RADAT 90143	CRD
SA	0445	140 SCT E250 OVC	20			136	71	58	12	06		005		CRD
SA	0545	E140 BKN 250 OVC	20			141	70	56	06	04		006		CRD
SA	0648	E140 BKN 250 OVC	20			150	71	59	21	08		008	CU SE /308 1177	CRD
SA	0745	80 SCT E140 BKN 250 BKN	20			152	75	59	24	07		008		CRD
SA	0845	80 SCT 140 SCT E250 BKN	20			150	78	58	23	07		008		CRD
SA	0945	80 SCT 140 SCT E250 BKN	20			149	78	58	25	08		008	000 1178 69	CRD
SA	1045	80 SCT 140 SCT E250 BKN	20			141	81	59	22	13		006	TCU ALQDS	CRD
SA	1149	E80 BKN 250 BKN	20			133	82	58	22	10		004	TCU ALQDS	CRD
SA	1245	E80 BKN 140 BKN 250 BKN	20			128	81	58	21	13		002	TCU ALQDS /719 1278	CRD
SA	1346	E80 BKN 140 BKN 250 BKN	20			118	81	59	24	11		998	CB NW-N MOVG NE TCU	CRD
/													SE-W	/
SA	1450	80 SCT 140 SCT E250 BKN	20			108	82	58	22	12		996	CB NW-N MOVG NE TCU S	CRD
SA	1550	80 SCT 140 SCT 250 SCT	20			105	81	58	22	10		995	CB NW-NE AND SE RWU OMTNS	MR
/													SE TCU S-SW 620 1979	/
/													83 RADAT 82144	/
SA	1647	80 SCT 140 SCT 250 SCT	20			099	81	58	22	11		993	CB N-NE SE AND W RWU	MR
/													OMTNS SE	/
SA	1747	80 SCT 140 SCT 250 SCT	20			099	79	58	25	09		993	CB DSNT N AND OMTNS SE	MR
/													TCU S	/
SA	1849	80 SCT 140 SCT E250 BKN	20			102	77	57	24	08		993	CB NE 505 1973	MR
SA	1949	140 SCT 250 SCT	20			105	75	57	23	10		995	DSNT CB OCNL LTG N	MR
SA	2050	CLR	20			103	74	58	23	10		995	DSNT CB OCNL LTG N	MR
SA	2148	CLR	20			099	74	58	22	12		993	DSNT CB OCNL LTG N	MR
/													CCC 1970 83	/
SA	2247	CLR	20			094	72	57	21	07		992	DSNT CB OCNL LTG N	MR
SA	2348	CLR	20			093	71	57	14	03		992	DSNT CB OCNL LTG ~~NW~~ NW-N	MR

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 47	26.640	70.5	61.1	60	7	4	Ac	140	3	Cs	E250	7								6	6	.010			00-01
01 45	26.640	69.0	61.5	66	7															6					01-02
02 50	26.640	68.7	61.1	66	7															6					02-03
03 46	26.640	70.4	61.2	60	9	5	Ac	140	4	Cs	E250	9								8	4	.000			03-04
04 45	26.635	70.8	62.2	63	10															10					04-05
05 45	26.645	71.2	61.2	61	10															10					05-06
06 48	26.665	70.7	63.0	67	10	0	Cu	60	8	Ac	E140	8	2	Cs	250	10				10	3	.025			06-07
07 45	26.670	74.8	64.1	57	9															9					07-08
08 45	26.670	77.5	64.8	52	6															5					08-09
09 48	26.665	79.0	65.3	50	6	1	Cu	80	2	Ac	140	3	3	Cs	E250	6				6	0	.000			09-10
10 45	26.645	80.8	66.0	47	8															8					10-11
11 49	26.625	82.0	66.3	45	9															9					11-12
12 45	26.610	81.3	66.0	46	9	6	Cu	E80	1	Ac	140	7	2	Cs	250	9				9	7	.055			12-13
13 46	26.580	81.4	66.5	47	8															8					13-14
14 50	26.560	82.0	66.3	45	6															6					14-15
15 50	26.550	80.9	65.9	46	4	2	CB	80	1	Ac	140	3	1	Cs	250	4				4	6	.060			15-16
16 47	26.535	80.5	65.4	46	4															3					16-17
17 47	26.530	78.6	64.9	49	4															3					17-18
18 49	26.535	76.8	63.7	50	6	1	CB	80	1	Ac	140	2	4	Ci	E250	6				4	5	.015			18-19
19 49	26.550	75.3	63.6	54	5															2					19-20
20 50	26.575	74.3	63.6	57	0															0					20-21
21 48	26.535	73.7	63.2	57	0	0	CB	80	0	Ac	140	0								0	8	.000			21-22
22 47	26.525	72.2	62.6	60	0															0					22-23
23 46	26.520	70.6	61.9	62	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0342	X	0	0	X	71	69	X	X						X		
	0342	1	0	0	0	74	69		0								
	0945	2	0	0	0	80	70		0								
	1544	3	0	0	0	83	78		0								
	2143	4	0	0	0	82	73		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.665	26.550	26.535
BAROGRAPH 64	26.645	26.665	26.545	26.520
BAR. CORR. 65	-.005	0*	+.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
83	69	0	0	0	17	SW	1434					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK - CLOCK AT: 0900 ±/ Sec./ 1638P ±/ Sec./ ± Sec.

* BAROGRAPH CHART CHANGED @ 0600

1/ LAST OF SEVERAL OCCURENCES

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (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	0049	CLR	20			094	71	57	22	07		992	605 1030	MR
SA	0147	E140 BKN	20			095	69	57	01	05		992	OCNL LTG DSNT N	MR
SA	0250	130 SCT	20			091	68	57	03	03		991	OCNL LTG DSNT N	MR
SA	0347	130 SCT	20			086	68	56	12	02		989	808 1030 CG RADAT 24137	CRD
SA	0450	130 SCT 250 SCT	20			085	65	56	01	06		988	CB NW-N OCNL LTG N	CRD
SA	0545	130 SCT	20			085	66	55	35	06		988	CB NW-N	CRD
SA	0645	130 SCT 300 SCT	20			087	70	53	24	07		989	SCO 1079	CRD
SA	0746	130 SCT 160 SCT E300 BKN	20			088	74	53	23	06		989	CU SE	CRD
SA	0845	80 SCT 120 SCT E160 BKN 300 BKN	20			090	75	54	21	05		991	8	CRD
SA	0946	80 SCT 160 SCT E300 BKN	20			083	78	54	23	07		988	002 1178 65	CRD
SA	1045	80 SCT E300 BKN	20			073	80	53	14	05		986	TCU ALQDS	CRD
SA	1149	E70 BKN 300 BKN	20			064	84	53	21	12		984	CB NW-S RWU NE-S NW	CRD
SA	1246	70 SCT E300 BKN	20			056	84	53	27	05		982	CB NW-S MOVG NE/722	CRD
													1908	
SA	1348	70 SCT E300 BKN	20			044	82	55	12	12		978	CB NE-E NW	CRD
SA	1450	70 SCT 300 SCT	20			040	82	56	13	15		976	CB NW-NE	CRD
SA	1548	E80 BKN 140 BKN	20			044	78	58	10	11		976	CB ALQDS RWU NW 615	MR
													1950 85 RADAT 74131	
SP	1613	E80 BKN 140 OVC	20		T				02	19	G33	979	TB11 OVHD-NW CB ALQDS	MR
													OCNL LTG CG NW	
SA	1647	E80 OVC	10		TRW-	074	62	58	05	15	G21	982	TB11 OVHD-NW CB ALQDS	MR
													RB15 OCNL LTGCG ALQDS	
SA	1749	E80 BKN 140 OVC	20		TRW-	074	62	58	12	13		982	T OVHD-S MOVG S CB OCNL	MR
													LTGCG ALQDS	
SP	1816	60 SCT E80 OVC	20		RW-				11	21	G26	982	TE14 MOVD SE CB ALQDS	MR
													OCNL LTGIC SE AND W	
SA	1849	E70 BKN 120 OVC	20		RW-	074	61	57	10	21	G28	983	TE14 MOVD SE CB SE-SW OCNL LTGIC	MR
													SE-SW PK WND 1238/33	
													12059 196/	
SA	1947	E70 BKN 130 BKN	20			071	62	54	06	14	G19	983	RE18 CB SE AND SW OCNL	MR
													LTGICCG SE FQT LTGICCCCG SW	
SA	2046	70 SCT E130 OVC	20			080	63	55	13	12		986	RB08E16 CB SE-SW OCNL	MR
													LTGICCC SE-SW	
SA	2147	80 SCT E100 OVC	20		R-	098	63	56	06	04		991	RB28 CB SE-S OCNL LTGIC	MR
													SE-S 32559 197/ 85	
SA	2245	70 SCT E100 OVC	20			096	62	59	04	05		991	RE33 DSNT CB SE-S OCNL	MR
													LTGIC SE-S	
SA	2345	50 SCT E80 OVC	20		R-	087	63	58	04	10		989	RB31	MR

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 1 0

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	26.520	70.6	61.9	62	0	0	Ac	160												0	6	.015			00-01
01 47	26.520	68.9	61.2	66	6															6					01-02
02 50	26.510	68.4	61.0	67	1															1					02-03
03 47	26.495	68.3	60.3	64	1	1	Ac	130												1	8	.025			03-04
04 50	26.490	65.4	59.2	71	2															2					04-05
05 45	26.490	66.2	59.0	67	2															2					05-06
06 45	26.495	70.3	59.4	54	2	2	Ac	130	0	Cc	300	2								2	5	.000			06-07
07 46	26.500	73.9	60.9	49	7															7					07-08
08 45	26.505	74.8	61.5	48	8															8					08-09
09 46	26.490	77.7	62.5	44	6	1	Cu	80	2	Ac	160	3	3	Cs	E300	6				5	8	.005			09-10
10 45	26.465	80.2	63.0	40	6															6					10-11
11 49	26.445	83.6	64.2	35	7															7					11-12
12 46	26.425	84.0	64.3	35	6	5	CB	70	1	Cs	E300	6								6	7	.065			12-13
13 48	26.390	81.5	64.1	40	6															6					13-14
14 50	26.380	82.2	65.0	41	5															5					14-15
15 48	26.380	77.6	64.5	51	8	6	CB	E80	2	Ac	140	8								8	6	.045			15-16
16 47	26.435	62.1	59.8	87	10															10					16-17
17 49	26.435	62.1	59.6	87	10															10					17-18
18 49	26.440	60.8	58.1	86	10	7	CB	E70	3	Ac	120	10								10	1	.060			18-19
19 47	26.440	62.1	57.3	76	9															9					19-20
20 46	26.465	63.0	58.0	75	10															10					20-21
21 47	26.515	62.6	58.2	78	10	0	CB	70	1	Ac	80	1	10	As	E100	10				10	3	.075			21-22
22 45	26.515	62.4	60.0	88	10															10					22-23
23 45	26.495	63.2	59.8	85	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	71	68	X	X						X		
	0344	1	0	0	0	74	68		0								
	0943	2	0	0	0	80	65		0								
	1543	3	0	0	0	85	77		0								
	2141	4	.59	0	0	78	61		2								
	MID.	X	T	0	0	63	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.495	26.490	26.380	26.515
BAROGRAPH 64	26.490	26.485	26.375	26.490
BAR. CORR. 65	-0.15	+.005	+.005	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	61	.59	0	0	38	SE	1833					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1611	1814			
RW-	1615	1618			
RW	1618	1623			
RW+	1623	1632			
RW-	1632	1918			
RW-	2008	2016			
R-	2128	2233			
R-	2331	CONT'D			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0750 ± 1 Sec. / 1822 ± 1 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	E80 BKN 120 OVC	20		R-	101	62	57	04	10	G17	993	30500 1071	MR
SA	0147	E80 OVC	15		R-	110	60	55	08	06		995		MR
SA	0250	E65 OVC	15		R-	115	59	54	07	07		996		MR
SA	0352	E70 OVC	20			111	61	49	04	16	G24	995	RE10/00 5615 11 59 20065	CRD
/													RADAT 93109	/
SA	0447	E70 BKN 140 OVC	20			126	60	34	02	18		997		CRD
SA	0545	70 SCT E140 BKN	20			134	59	29	04	19	G24	999		CRD
SA	0646	70 SCT 140 SCT	20			144	59	29	02	10		002	222 1570	CRD
SA	0745	70 SCT 140 SCT	20			148	60	28	04	10		003		CRD
SA	0845	CLR	20			145	63	29	04	12		003		CRD
SA	0947	CLR	20			140	66	23	04	15	G21	002	400 59	CRD
SA	1046	CLR	20			135	69	23	04	11		001		CRD
SA	1145	CLR	20			129	71	23	01	10		999		CRD
SA	1247	CLR	20			121	72	16	01	10		997	714	CRD
SA	1347	CLR	20			114	74	18	03	14	G24	995		CRD
SA	1450	CLR	20			108	74	18	04	15	G23	993		CRD
SA	1549	CLR	20			104	73	20	04	13	G19	992	615 75 RADAT 20125	MR
SA	1646	CLR	20			104	73	17	05	14	G19	992		MR
SA	1748	CLR	20			105	71	23	06	14		992		MR
SA	1844	CLR	20			104	68	27	09	11		991	703	MR
SA	1947	CLR	20			112	66	34	08	07		993		MR
SA	2049	CLR	20			119	63	32	02	06		996		MR
SA	2150	CLR	20			117	61	33	04	09		995	012 75	MR
SA	2248	CLR	20			119	59	34	23	04		996		MR
SA	2346	CLR	20			117	56	38	10	03		995		MR

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 11

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.530	61.7	58.7	85	10	7	Ac	280	3	Ns	120	10								10	3	.015			00-01
01 47	26.550	60.4	57.2	83	10															10					01-02
02 50	26.560	59.0	56.0	84	10															10					02-03
03 52	26.545	60.8	53.7	64	10	10	Sc	270												10	0	.015			03-04
04 47	26.565	50.4	47.4	38	10															10					04-05
05 45	26.585	59.2	45.0	31	8															8					05-06
06 46	26.610	59.3	45.1	31	5	4	Sc	70	1	Ac	140	5								5	2	.065			06-07
07 45	26.620	60.0	45.1	29	2															2					07-08
08 45	26.620	62.8	46.9	28	0															0					08-09
09 47	26.610	65.6	46.4	20	0															0	4	.000			09-10
10 46	26.600	69.1	47.9	17	0															0					10-11
11 45	26.590	71.1	48.9	16	0															0					11-12
12 47	26.570	71.8	47.8	12	0															0	7	.040			12-13
13 47	26.550	73.7	49.0	12	0															0					13-14
14 50	26.530	74.2	49.2	12	0															0					14-15
15 49	26.525	73.2	49.1	13	0															0	6	.045			15-16
16 46	26.520	72.6	48.4	12	0															0					16-17
17 48	26.520	71.0	48.8	16	0															0					17-18
18 44	26.515	68.2	48.6	21	0															0	7	.010			18-19
19 47	26.535	66.4	48.2	~~38~~ 24	0															0					19-20
20 49	26.555	63.0	47.7	31	0															0					20-21
21 50	26.550	61.1	47.3	35	0															0	0	.035			21-22
22 48	26.555	59.2	46.9	39	0															0					22-23
23 46	26.550	56.3	46.7	49	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	.06	0	X	65	59	X	X						X		
	0944	1	.06	0	0	65	59		2								
	0945	2	0	0	0	67	59		1								
	1543	3	0	0	0	75	66		1								
	2144	4	0	0	0	74	61		1								
	MID.	X	0	0	0	62	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.610	26.525	26.550
BAROGRAPH 64	26.545	26.605	26.515	26.535
BAR. CORR. 65	0	+.005	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
75	56	.06	0	0	28	NE	1416					1	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	Cmld	0310			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0749P ⊕ (Sec.) 1651P ⊕ (Sec.) ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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. SERIES INDICATOR (15)
SA	0046	CLR	20			117	57	32	24	03		995	000 1001	HR
SA	0144	CLR	20			118	55	34	08	05		996		HR
SA	0250	CLR	20			119	53	39	07	03		996		HR
SA	0347	CLR	20			122	52	39	09	02		996	203 51 RADAT 46121	SH
SA	0447	CLR	20			120	52	38	15	04		995		SH
SA	0547	CLR	20			128	53	36	13	04		997		SH
SA	0645	CLR	20			130	56	39	14	04		998	307	SH
SA	0747	CLR	20			130	61	36	22	04		999		SH
SA	0846	CLR	20			124	67	29	23	03		997	AC N	SH
SA	0942	CLR	20			119	72	27	24	06		996	807 50	SH
SA	1047	CLR	20			115	74	25	18	06		995	CI N	SH
SA	1147	250 - SCT	20			107	77	25	25	12		993		SH
SA	1247	250 SCT	20			097	77	19	23	10		991	717 1001	SH
SA	1346	250 - BKN	20			089	78	24	24	11		987		SH
SA	1445	250 - BKN	20			082	80	22	24	12		985		SH
SA	1550	250 - BKN	20			078	79	24	22	09		984	620 1001 82 RADAT 65124	008
SA	1650	250 - BKN	20			075	77	25	21	12		983		008
SA	1750	250 - BKN	20			072	75	28	19	08		982		008
SA	1846	250 - BKN	20			063	73	31	19	09		980	814 1001	008
SA	1943	250 SCT	20			066	68	37	36	04		981		008
SA	2052	250 SCT	20			065	68	37	21	05		981		008
SA	2147	E250 BKN	20			060	71	34	18	08		981	103 1002 82	008
SA	2248	E250 BKN	20			060	70	35	22	09		981		008
SA	2345	E250 BKN	20			055	68	36	22	06		980		008

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 46	26.550	58.6	45.7	36	0	0	CI	250												0	0	.000			00-01
01 44	26.555	55.2	45.0	45	0															0					01-02
02 50	26.555	52.5	45.7	60	0															0					02-03
03 47	26.560	52.2	45.3	60	0															0	2	.010			03-04
04 47	26.550	51.6	44.7	59	0															0					04-05
05 47	26.570	52.8	44.5	53	0															0					05-06
06 45	26.580	56.4	47.6	53	0															0	3	.020			06-07
07 47	26.585	61.3	48.4	39	0															0					07-08
08 46	26.570	67.2	48.6	23	0															0					08-09
09 48	26.560	71.6	50.0	19	0															0	8	.020			09-10
10 47	26.550	73.7	50.4	16	0															0					10-11
11 47	26.530	76.6	51.7	15	5															2					11-12
12 47	26.510	77.0	50.6	11	3	3	CI	250												2	7	.050			12-13
13 46	26.480	77.7	52.0	14	6															2					13-14
14 45	26.460	79.6	52.3	12	6															2					14-15
15 50	26.450	78.7	52.1	13	7	7	ci	250												3	6	.060			15-16
16 50	26.440	77.4	52.0	14	7															3					16-17
17 50	26.430	75.1	52.0	18	7															3					17-18
18 46	26.410	72.8	51.6	21	7	7	ci	250												3	8	.040			18-19
19 43	26.420	68.3	51.8	32	4															3					19-20
20 52	26.420	67.5	51.5	33	4															3					20-21
21 47	26.420	70.9	51.7	25	8	8	ci	6250												7	1	.010			21-22
22 48	26.420	69.8	51.6	27	8															8					22-23
23 45	26.405	67.6	51.0	31	8															8					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		59	51										
	0343	1	0	0	0	62	58		0								
	0944	2	0	0	0	72	50		0								
	1542	3	0	0	0	82	72		0								
	2140	4	0	0	0	80	67		0								
	MID.		0	0	0	73	67										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.560	26.450	26.420
BAROGRAPH 64	26.545	26.555	26.440	26.415
BAR. CORR. 65	+.015	+.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
82	50	0	0	0	18	SW	1407					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0730 ± 1 Sec. / 2330P ± 2 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 13

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mhs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	E 250 BKN	20			048	67	37	23	12		978	810 1002	008
SA	0147	250 - BKN	20			056	66	38	28	07		980		008
SA	0247	250 - BKN	20			057	62	38	32	04		980		008
SA	0350	CLR	20			069	63	39	33	07		983	217 62 RADAT 47124	SH
SA	0446	CLR	20			078	61	38	31	10		985	FEW AC CI	SH
SA	0547	140 SLT	20			092	58	40	23	02		988		SH
SA	0650	140 SLT 250 SLT	20			099	62	41	04	11		991	224 1051	SH
SA	0745	140 SLT 250 SLT	20			108	65	41	05	17		993		SH
SA	0845	CLR	20			112	68	42	04	12		995	FEW AC CI	SH
SA	0947	CLR	20			112	70	39	05	13		995	114 1071 57	SH
SA	1047	90 SLT	20			107	72	39	02	06		994		SH
SA	1146	90 SLT	20			103	74	40	25	05		993		SH
SA	1247	90 SLT	20			094	77	39	05	05		991	714 1400	SH
SA	1348	90 SLT	20			091	79	29	27	15		990		SH
SA	1446	CLR	20			091	80	28	29	12	G21	990	FEW CU	SH
SA	1547	CLR	20			087	79	28	30	08	G16	988	707 1100 82 RADAT 30117	008
SA	1648	CLR	20			089	78	30	28	07		988		008
SA	1744	150 SCT	20			096	74	31	35	04		990		008
SA	1847	150 SCT	20			100	71	31	05	08		991	307 1030	008
SA	1948	150 SCT	20			106	69	33	08	05		993		008
SA	2045	150 SCT	20			104	69	31	02	06		993		008
SA	2147	150 SCT E 250 BKN	20			105	69	28	05	12		993	107 1078 82	008
SA	2249	150 SCT 250 SCT	20			108	67	29	03	07		994		008
SA	2350	150 SCT 250 SCT	20			109	66	30	04	10		994		008

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

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.390	67.0	51.2	33	7	7	CI	250												7	8	.030			00-01
01 47	26.410	65.7	51.0	36	6															3					01-02
02 47	26.410	62.4	49.8	41	6															3					02-03
03 50	26.440	62.7	50.1	41	0															0	2	.050			03-04
04 46	26.460	61.0	49.2	43	0															0					04-05
05 47	26.490	57.7	48.4	52	1															1					05-06
06 50	26.510	61.7	50.7	47	2	2	AC	140	0	CI	250	2								2	2	.070			06-07
07 45	26.530	64.7	51.8	42	2															2					07-08
08 45	26.550	68.3	53.6	38	0															0					08-09
09 47	26.550	70.0	53.3	33	0	0	AC	140	0	CI	250	0								0	1	.040			09-10
10 47	26.540	72.4	54.3	30	1															1					10-11
11 46	26.530	74.4	55.2	29	1															1					11-12
12 47	26.510	76.8	56.0	26	2	2	SC	90												2	7	.040			12-13
13 48	26.500	78.7	53.4	16	1															1					13-14
14 46	26.500	79.6	53.5	15	0															0					14-15
15 47	26.490	78.8	53.2	15	0	0	CU	100												0	7	.020			15-16
16 49	26.490	78.0	53.4	17	0															0					16-17
17 44	26.500	74.4	52.2	20	1															1					17-18
18 47	26.510	70.7	50.7	23	4	4	AC	150												4	3	.020			18-19
19 49	26.530	69.1	50.6	26	5															5					19-20
20 45	26.530	69.2	50.1	24	4															4					20-21
21 47	26.530	68.3	49.1	21	8	3	AC	150	5	CS	250	8								7	1	.020			21-22
22 49	26.540	67.0	48.6	24	5															4					22-23
23 50	26.540	65.6	48.2	26	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	68	62	X	X						X		
	0345	1	0	0	0	73	62		0								
	0943	2	0	0	0	70	57		0								
	1546	3	0	0	0	82	70		0								
	2142	4	0	0	0	80	68		0								
	MID.	X	0	0	0	71	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.550	26.490	26.530
BAROGRAPH 64	26.430	26.540	26.490	26.530
BAR. CORR. 65	+.010	*+.010	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	57	0	0	0	21	W	1442					1	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0740 ⊖ 1 Sec. / 2115 P ⊖ 2 Sec. / ± Sec.

* BAROGRAM CHANGED - RESET TO "0" CORR. 0950P

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NM

DATE: 1982 SEP 14

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. SERVERS INITIALS (15)
SA	0048	150 SCT 250 SCT	20			107	64	31	05	09		994	103 1058	OOB
SA	0146	150 SCT 250 SCT	20			105	64	30	05	10		994		OOB
SA	0250	150 SCT 250 SCT	20			105	63	31	04	10		994		OOB
SA	0348	150 SCT 250 -BKN	20			107	63	33	05	09		994	400 1078 62	SH
	—					—						—	RADAT 92116	—
SA	0446	E150 BKN 250 BKN	20			113	62	34	05	14		995		SH
SA	0545	E150 BKN 250 BKN	20			120	61	35	05	14		997		SH
SA	0645	E150 BKN	20			126	62	33	05	09		998	214 1030	SH
SA	0745	150 SCT	20			127	64	33	03	13		998		SH
SA	0848	CLR	20			124	69	35	01	09		998	FEW AC	SH
SA	0948	CLR	20			115	72	35	10	14		996	807 1070 61	SH
SA	1047	CLR	20			108	73	37	05	05		994	FEW CU AC	SH
SA	1147	CLR	20			099	76	37	29	05		992	FEW CU	SH
SA	1249	90 SCT	20			085	81	42	20	13	G24	988	724 1100	SH
SA	1350	90 SCT	20			074	81	43	21	12		985		SH
SA	1446	90 SCT	20			071	81	43	18	16	G30	984		SH
SA	1550	100 SCT	20			068	79	42	20	16	G26	983	617 1100 83 RADAT 20134	OOB
SA	1647	100 SCT	20			070	77	42	19	16	G23	983		OOB
SA	1743	CLR	20			067	76	41	19	14	G21	982	FEW CU 505	OOB
SA	1847	CLR	20			071	74	43	19	11	G17	983	500	OOB
SA	1944	CLR	20			071	73	46	17	12	G19	983		OOB
SA	2050	CLR	20			069	72	47	17	10		983		OOB
SA	2146	CLR	20			071	71	49	17	10		984	3 307 83	OOB
SA	2248	CLR	20			071	70	50	20	12	G22	984		OOB
SA	2349	CLR	20			071	67	45	21	12	G17	984		OOB

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	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	26.540	64.0	47.8	29	5	1	AC	150	4	CS	250	5								4	1	.010			00-01
01 46	26.540	64.0	47.6	28	5															4					01-02
02 50	26.540	63.1	47.6	30	4															3					02-03
03 48	26.540	62.8	48.0	33	7	1	AC	150	6	CS	250	7								2	4	.000			03-04
04 46	26.550	61.6	47.8	35	8															7					04-05
05 45	26.570	61.4	48.0	37	9															9					05-06
06 45	26.580	62.2	47.7	33	7	7	AC	E150												7	2	.040			06-07
07 45	26.580	64.3	48.8	31	1															1					07-08
08 48	26.580	69.3	51.6	29	0															0					08-09
09 48	26.560	72.3	52.6	25	0	0	AC	150												0	8	020			09-10
10 47	26.540	73.2	53.7	26	0															0					10-11
11 47	26.520	76.0	55.0	25	0															0					11-12
12 49	26.490	80.6	58.2	25	1	1	CU	90												1	7	.070			12-13
13 50	26.460	81.0	58.7	26	1															1					13-14
14 46	26.450	81.3	59.0	26	2															2					14-15
15 50	26.440	79.0	57.6	26	1	1	CU	100												1	6	.050			15-16
16 47	26.440	77.4	57.3	29	1															1					16-17
17 43	26.430	75.5	55.9	29	0															0					17-18
18 47	26.440	74.0	56.3	33	0															0	5	.000			18-19
19 44	26.440	73.1	57.1	38	0															0					19-20
20 50	26.440	72.0	57.2	41	0															0					20-21
21 46	26.450	71.3	57.7	45	0															0	3	.010			21-22
22 48	26.450	70.4	57.9	48	0															0					22-23
23 49	26.450	66.9	54.6	46	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	66	62	X	X						X		
	0344	1	0	0	0	71	62		0								
	0943	2	0	0	0	72	61		0								
	1542	3	0	0	0	83	72		0								
	2140	4	0	0	0	80	71		0								
	MID.	X	0	0	0	71	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1549	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.560	26.440	26.450
BAROGRAPH 64	26.540	26.560	26.440	26.450
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
83	61	0	0	0	33	5	1448					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 - CLOCK AT: 0740 ±1 Sec./ 2330P ±2 Sec./ ± Sec.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NM

DATE: 1982 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	CLR	20			069	67	44	22	12		984	400	CDB
SA	0149	CLR	20			066	65	44	23	10		983		CDB
SA	0246	CLR	20			066	65	48	20	12G17		983		CDB
SA	0351	CLR	20			061	63	~~53~~ 53	23	12		981	810 53 RADAT 20128	EP
SA	0449	250-SCT	20			066	62	47	20	05		982		EP
SA	0549	70 SCT 250 SCT	20			070	62	46	22	13		983		EP
SA	0648	70 SCT 250 SCT	20			073	62	46	24	15		984	108 1101	EP
SA	0749	70 SCT 250-SCT	20			076	65	47	24	18		985		EP
SA	0850	70 SCT 250-SCT	20			077	69	51	24	17		986		EP
SA	0947	70SCT 250-BKN	20			076	71	50	23	24G28		986	105 1101 62	EP
SA	1048	70SCT 250-BKN	20			075	73	49	22	26G33		986		EP
SA	1146	80 SCT 250-BKN	20			075	74	48	21	27G30		985		EP
SA	1250	80SCT 250-BKN	20			068	76	46	21	23G32		983	PK WND 1938/28/807 1201	EP
SA	1350	80SCT 250-BKN	20			063	77	45	22	20G30		982		EP
SA	1450	250-BKN	20			062	76	46	22	17G24		981		EP
SA	1550	E250 BKN	20			055	75	45	22	14G22		979	714 1204 77 RADAT 20132	WRG
SA	1650	E250 BKN	20			059	73	44	21	12G22		980		WRG
SA	1750	250 SCT	20			066	71	43	19	10G20		981		WRG
SA	1850	250 SCT	20			070	69	44	20	11		982	210 1001	WRG
SA	1950	250 SCT	20			073	67	46	18	09		983		WRG
SA	2050	250 SCT	20			076	66	46	18	08		984		WRG
SA	2145	250 SCT	20			075	67	46	22	10		984	107 1001 77	WRG
SA	2250	250 SCT	20			078	65	46	23	13		985		WRG
SA	2350	250 -SCT	20			080	64	46	25	12		986		WRG

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.450	66.6	53.9	44	0															0	4	.000			00-01
01 49	26.440	65.3	53.4	47	0															0					01-02
02 46	26.440	65.4	53.0	53	0															0					02-03
03 51	26.420	63.1	53.3	53	0															0	8	.030			03-04
04 49	26.430	62.3	53.5	57	1															0					04-05
05 49	26.440	62.0	53.0	56	1															1					05-06
06 48	26.445	62.2	53.0	55	2	1	CU	70	1	CI	250	2								2	1	.025			06-07
07 49	26.455	65.4	54.8	52	3															1					07-08
08 50	26.460	68.9	57.8	52	3															1					08-09
09 47	26.460	70.6	58.0	48	6	1	CU	70	5	CI	250	6								2	1	.015			09-10
10 48	26.460	72.8	58.5	43	7															2					10-11
11 46	26.455	73.7	58.4	41	7															2					11-12
12 50	26.440	75.8	58.0	34	7	1	CU	80	6	CI	250	7								2	8	.020			12-13
13 50	26.425	76.6	58.1	33	7															3					13-14
14 50	26.420	75.5	58.0	35	6															2					14-15
15 50	26.400	74.8	57.3	34	6	0	CU	80	6	CI	250	6								6	7	.040			15-16
16 50	26.410	73.3	56.5	35	6															6					16-17
17 50	26.420	71.0	55.2	36	5															4					17-18
18 50	26.430	69.2	55.0	41	5	5	CI	250												4	2	.030			18-19
19 50	26.440	67.2	54.9	47	4															3					19-20
20 50	26.450	67.4	55.1	45	3															2					20-21
21 45	26.450	66.8	54.8	47	2	2	CI	250												2	1	.020			21-22
22 50	26.460	65.0	54.0	50	2															2					22-23
23 50	26.465	64.2	53.6	51	4															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	67	63	X	X						X		
	0345	1	0	0	0	71	63		0								
	0943	2	0	0	0	71	62		0								
	1546	3	0	0	0	77	71		0								
	2141	4	0	0	0	75	67		0								
	MID.	X	0	0	0	67	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1548	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.460	26.400	26.450
BAROGRAPH 64	26.420	26.460	26.400	26.450
BAR. CORR. 65	0	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	62	0	0	0	38	5	1228					5	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0900 ±2 Sec./ 2045 ±2 Sec./ ± Sec.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 16

TO CONVERT LST TO GMT: ADD 6 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00→36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVER'S INITIALS (15)
SA	0050	250 - BKN	20			080	63	46	23	18		986	105 1001	WRG
SA	0150	160 SCT 250 - BKN	20			083	62	45	24	18		987		WRG
SA	0250	160 SCT 250 - BKN	20			079	61	47	24	10G	18	985		WRG
SA	0352	160 SCT E200 OVC	20			076	61	44	23	10		984	805 1037 61 RADAT 20131	EP
SA	0446	160 SCT E200 OVC	20			084	60	45	25	10		987		EP
SA	0548	180 SCT E240 OVC	20			089	59	45	26	04		988		EP
SA	0650	180 SCT E240 OVC	20			097	60	45	25	09		990	217 1037	EP
SA	0745	180 SCT E230 OVC	20			098	61	45	30	04		990		EP
SA	0847	E170 BKN 220 OVC	20			108	63	45	25	05		993		EP
SA	0949	80 SCT E170 BKN 220 OVC	20			112	65	44	23	07		994	314 1517 59	EP
SA	1046	170 SCT E240 OVC	20			112	66	45	23	08		994		EP
SA	1147	150 SCT E240 OVC	20			115	67	46	24	12		996		EP
SA	1250	150 SCT E240 OVC	20			115	68	43	24	13		996	103 1517	EP
SA	1347	60 SCT E140 BKN 220 OVC	20			125	66	44	22	14G	24	998	VIRGA E-SE PCPN OVR	EP
/													MTNS S	/
SA	1450	60 SCT E140 OVC	20		R-	132	63	44	18	13G	24	999	RB02	EP
SA	1550	60 SCT E120 OVC	20		R-	143	61	46	22	09		002	12000 172/ 69 RADAT	/
/	/												95104	WRG
SA	1650	60 SCT E120 OVC	20		R-	137	62	45	13	10		999	BINOVC W	WRG
SA	1750	60 SCT E120 BKN	20			132	62	44	12	15		998	RE01 RWY SE	WRG
SA	1850	60 SCT 120 SCT	20			142	58	46	12	13		001	50300 1570	WRG
SA	1950	60 SCT	20			145	57	47	13	09		002		WRG
SA	2045	60 SCT	20			145	55	48	07	03		002		WRG
SA	2150	60 SCT	20			148	54	46	00	00		003	20700 1500 69	WRG
SA	2250	CLR	20			150	52	45	08	05		003	FEW SC SE	WRG
SA	2350	CLR	20			150	51	47	13	03		003		WRG

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

FM12-VII: IIiii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 16

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.465	62.7	53.3	55	6	6	Ci	250												3	1	.015			00-01
01 50	26.475	61.8	52.4	54	6															3					01-02
02 50	26.460	61.3	53.2	60	6															3					02-03
03 52	26.450	60.5	51.5	55	10	2	Ac	160	10	Cs	E200	10								9	8	.015			03-04
04 46	26.470	60.2	51.5	56	10															9					04-05
05 48	26.480	59.2	51.2	59	10															9					05-06
06 50	26.500	59.8	51.7	59	10	2	Ac	180	10	Cs	E240	10								10	2	.050			06-07
07 45	26.500	61.0	52.0	56	10															10					07-08
08 47	26.530	62.8	52.5	51	10															10					08-09
09 49	26.540	64.8	53.3	48	10	1	Sc	80	7	As	E190	7	10	Cs	220	10				10	3	.040			09-10
10 46	26.540	65.8	54.0	47	10															10					10-11
11 47	26.550	67.0	54.9	47	10															10					11-12
12 50	26.550	68.0	54.5	41	10	0	Sc	80	5	As	150	5	10	Cs	E240	10				10	1	.010			12-13
13 47	26.570	66.4	53.8	45	10															10					13-14
14 50	26.585	62.8	52.4	51	10															10					14-15
15 50	26.610	61.1	52.5	57	10	3	CUFRA	60	10	As	E120	10								10	1	.060			15-16
16 50	26.590	61.9	52.4	54	10															9					16-17
17 50	26.580	61.6	52.0	55	7															7					17-18
18 50	26.600	58.2	51.5	65	5	2	Sc	60	3	Ac	120	5								5	5	.010			18-19
19 50	26.610	56.6	51.3	71	2															2					19-20
20 45	26.610	55.2	50.8	75	2															2					20-21
21 50	26.620	54.4	49.9	74	1	1	Sc	60												1	2	.020			21-22
22 50	26.620	52.2	48.4	77	0															0					22-23
23 50	26.620	51.4	48.8	84	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		64	61										
	0347	1	0	0	0	67	61		0								
	0945	2	0	0	0	65	59		0								
	1546	3	T	0	0	69	60		0								
	2146	4	T	0	0	63	54		0								
	MID.		0	0	0	55	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.540	26.610	26.620
BAROGRAPH 64	26.440	26.530	26.605	26.620
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
69	51	T	0	0	24	S	1444*					10	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	1402	1440			
R-	1445	1701			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0950 ±2 Sec./ 2259 ±2 Sec./ ± Sec.

*Last of several occurences

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 17

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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			153	50	46	33	04		004	303	WRG
SA	0150	CLR	20			152	54	47	08	10		004		WRG
SA	0250	CLR	20			156	52	45	04	04		004		WRG
SA	0346	CLR	20			161	49	46	35	06		005	303 49 RAOAT 43126	EP
SA	0448	CLR	20			163	50	46	10	04		006		EP
SA	0547	E60 BKN	20			170	50	46	09	03		008		EP
SA	0649	60 SCT	20			172	54	44	09	04		009	110 1500	EP
SA	0748	20 SCT 60 SCT	20			175	59	49	12	10		010		EP
SA	0848	25 SCT 60 SCT	20			180	62	49	13	08		012		EP
SA	0950	35 SCT 80 SCT	20			179	66	50	12	11		012	110 1130 49	EP
SA	1048	35 SCT 250 SCT	20			172	66	48	13	12		010		EP
SA	1147	35 SCT 250 SCT	20			165	70	48	11	10		008		EP
SA	1250	40 SCT E250 BKN	20			157	74	47	08	09		007	617 1101	EP
SA	1349	50 SCT E250 BKN	20			155	74	47	28	03		007		EP
SA	1450	50 SCT 250 - BKN	20			149	76	45	21	14G24		004		WRG
SA	1550	50 SCT 250 - SCT	20			146	76	46	18	10G20		003	810 1101 77 RAOAT 38127	WRG
SA	1650	50 SCT 250 SCT	20			145	74	47	19	12		003		WRG
SA	1750	50 SCT 140 SCT	20			148	71	47	22	09		003		WRG
SA	1850	50 SCT E140 BKN	20			154	69	46	23	07		005	303 1470	WRG
SA	1950	50 SCT E140 BKN	20			156	68	47	26	07		006		WRG
SA	2033	140 SCT	20			158	67	46	04	04		007		WRG
SA	2150	140 SCT	20			156	63	47	34	06		006	003 1070 77	WRG
SA	2250	CLR	20			155	61	47	04	08		006	Few AC SE	WRG
SA	2350	CLR	20			157	60	47	10	04		007	Few AC SE	WRG

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 17

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26630	50.3	47.7	84	0															0	3	.010			00-01
01 50	26630	53.7	49.8	77	0															0					01-02
02 50	26630	52.0	48.3	78	0															0					02-03
03 46	26.640	49.2	47.3	88	0															0	3	.010			03-04
04 48	26.645	49.5	47.5	87	0															0					04-05
05 47	26.665	49.7	47.5	86	7															7					05-06
06 49	26.670	54.2	51.0	82	1	1	SC	60												1	1	.030			06-07
07 48	26.680	58.8	53.0	70	1															1					07-08
08 48	26.700	62.1	54.2	61	1															1					08-09
09 50	26.700	65.5	55.0	52	2	2	CU	35	0	AC	80	2								2	1	.030			09-10
10 48	26.680	66.1	55.5	52	1															1					10-11
11 47	26.665	70.2	57.0	45	5															4					11-12
12 50	26.650	73.7	57.8	39	8	1	CU	40	8	CI	E250	8								6	6	.050			12-13
13 47	26.650	73.5	57.7	39	8															6					13-14
14 50	26630	76.3	57.9	33	6															3					14-15
15 50	26.620	75.8	58.0	34	5	2	CU	50	3	<1	250	5								2	8	.030			15-16
16 50	26.620	74.0	58.0	38	5															3					16-17
17 50	26620	71.2	57.0	43	4															4					17-18
18 50	26640	69.2	55.6	43	6	1	SC	50	5	AC	E40	6								6	3	.020			18-19
19 50	26650	68.1	55.6	46	6															6					19-20
20 45	26660	66.7	54.9	48	5															5					20-21
21 50	26650	63.3	53.8	55	2	2	AC	140												2	0	.010			21-22
22 50	26.650	61.1	53.0	59	0															0					22-23
23 50	26655	60.2	52.4	63	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	54	49	X	X						X		
	0342	1	0	0	0	55	49		0								
	0945	2	0	0	0	66	49		0								
	1546	3	0	0	0	77	66		0								
	2146	4	0	0	0	76	63		0								
	MID.	X	0	0	0	63	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26,640	26,700	26620	26650
BAROGRAPH 64	26.640	26.695	26625	26645
BAR. CORR. 65	0	+.005	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
77	49	0	0	0	24	SW	1445					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0850 ⊘ 2 Sec./ 2331 ⊘ 2 Sec./ ± Sec.

Barograph changed 1850 P

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-561-009 (112)

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			156	54	48	06	03		007	102 1070	WRC
SA	0150	CLR	20			152	58	47	17	03		005	FEW AC SE	WRC
SA	0250	CLR	20			150	57	48	07	04		005		WRC
SA	0346	CLR	20			150	57	50	00	00		005	605 57 RADAT 84121	EP
SA	0445	E 80 BKN	20			150	58	50	31	03		005		EP
SA	0550	E 80 BKN	20			153	58	51	34	03		006		EP
SA	0648	60SCT 90SCT E250 BKN	20			156	63	49	03	05		007	305 1531	EP
SA	0749	60SCT E90 BKN 250 BKN	20			152	66	49	36	03		007		EP
SA	0846	60SCT E100 BKN 250 BKN	20			152	68	49	32	04		007		EP
SA	0946	E100 BKN 250 BKN	20			148	71	51	14	07		005	805 1231 57	EP
SA	1049	70SCT E90 BKN	20			141	75	51	20	06		004		EP
SA	1147	E 70 BKN 90 BKN	20			136	75	51	00	00		002		EP
SA	1248	E 70 BKN	20			125	76	51	24	10		999	TCU NE/820 1200	EP
SA	1348	70 SCT	20			116	80	52	18	08		997	CU BLDG ALQDS TCU NE	EP
SA	1450	70 SCT	20			112	79	51	24	12		996	TCU ALQDS	EP
SA	1550	70 SCT	20			108	79	48	21	09		994	714 1200 80 RADAT 72124	WRC
SA	1650	70 SCT	20			109	77	49	21	13		994		WRC
SA	1750	70 SCT	20			108	74	49	18	07		993		WRC
SA	1850	70 SCT	20			111	71	49	18	07		994	500 1400	WRC
SA	1950	70 SCT	20			114	70	50	08	04		995		WRC
SA	2045	70 SCT	20			117	69	51	15	04		996		WRC
SA	2150	70 SCT	20			119	66	51	10	06		997	208 1400 80	WRC
SA	2250	70 SCT	20			118	65	51	10	03		997		WRC
SA	2350	70 SCT	20			118	65	51	10	03		997		WRC

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	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	26.655	58.0	52.0	68	0	0	AC	140												0	1	.005			00-01
01 50	26.640	57.7	51.8	68	0															0					01-02
02 50	26.640	57.0	51.6	71	0															0					02-03
03 46	26.640	57.0	53.0	78	0															0	6	.015			03-04
04 45	26.640	57.8	53.0	74	6															6					04-05
05 50	26.645	58.3	53.7	73	9															9					05-06
06 48	26.655	62.7	54.8	62	8	2	SC	60	2	AC	90	4	5	CI	E250	8				6	3	.015			06-07
07 47	26.650	66.2	55.8	53	8															6					07-08
08 46	26.650	68.3	56.8	50	8															7					08-09
09 46	26.640	71.0	57.9	46	6	0	CU	60	6	AC	E100	6	0	CI	250	6				5	8	.015			09-10
10 49	26.625	75.0	60.0	43	8															7					10-11
11 47	26.610	74.7	60.0	43	7															6					11-12
12 48	26.580	75.5	60.3	42	7	7	CU	E70												7	8	.060			12-13
13 48	26.560	80.0	62.3	38	4															4					13-14
14 50	26.550	78.5	61.5	39	3															3					14-15
15 50	26.540	79.0	60.3	34	4	4	CU	70												4	7	.040			15-16
16 50	26.540	77.2	60.2	38	3															3					16-17
17 50	26.530	74.1	58.9	41	2															2					17-18
18 50	26.540	71.1	58.0	46	2	2	SC	70												2	5	.000			18-19
19 50	26.550	69.8	57.9	50	2															2					19-20
20 45	26.560	69.0	57.8	52	2															2					20-21
21 50	26.565	66.3	56.8	57	2	2	SC	70												2	2	.025			21-22
22 50	26.565	65.3	56.6	60	1															1					22-23
23 50	26.565	64.7	56.2	60	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	60	57	X	X						X		
	0343	1	0	0	0	63	57		0								
	0942	2	0	0	0	71	57		0								
	1546	3	0	0	0	80	71		0								
	2146	4	0	0	0	79	66		0								
	MID.	X	0	0	0	66	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0943	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.640	26.540	26.565
BAROGRAPH 64	26.630	26.640	26.535	26.540
BAR. CORR. 65	+.010	0	+.005	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	57	0	0	0	13	SW	*1649					6	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1000 ☑ Sec./ 2155 ☑ Sec./ ± Sec.

* LAST OF SEVERAL OCCURRENCES

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 19

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	70 SCT	20			118	63	52	07	07		997	400 1400	WRG
SA	0150	70 SCT	20			114	62	52	00	00		996		WRG
SA	0250	70 SCT	20			114	62	52	11	03		996		WRG
SA	0349	CLR	20			108	61	53	11	04		994	808 61 RADAT 37/27	JC
SA	0448	CLR	20			113	58	52	06	06		996	FEW CIE	JC
SA	0546	250 - SCT	20			120	58	53	08	04		997	FEW SC SW	JC
SA	0647	60 SCT 250 - BKN	20			123	62	52	09	02		998	210 1501	JC
SA	0744	60 SCT 250 - OVC	20			120	68	54	10	02		998		JC
SA	0846	250 - OVC	20			123	72	53	21	04		999		JC
SA	0949	60 SCT 250 - BKN	20			120	73	54	24	07		998	000 1101 58	JC
SA	1050	60 SCT 250 - OVC	20			115	75	53	31	06		997		JC
SA	1147	60 SCT E250 BKN	20			106	77	53	18	22 G26		994		JC
SA	1249	70 SCT 250 - BKN	20			098	80	48	22	12 G20		992	817 1101	JC
SA	1350	70 SCT 250 SCT	20			090	82	45	22	15 G21		990		JC
SA	1444	70 SCT 250 SCT	20			090	82	42	22	14 G21		990		JC
SA	1546	CLR	20			084	82	40	21	12		987	814 1101 83 RADAT 31/31	JK
SA	1648	CLR	20			082	80	40	22	15		986	CU NE AND SE	JK
SA	1749	CLR	20			084	75	41	23	10		986	CU NE	JK
SA	1847	CLR	20			091	72	44	19	05		988	303	JK
SA	1948	CLR	20			098	69	45	10	03		991		JK
SA	2046	CLR	20			098	69	45	24	02		991		JK
SA	2149	CLR	20			101	67	45	34	03		992	310 83	JK
SA	2245	CLR	20			101	65	45	06	03		992		JK
SA	2347	CLR	20			101	64	45	08	02		992		JK

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 19

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26565	62.7	56.1	68	1	1	Sc	70												1	4	.000			00-01
01 50	26.560	61.9	55.7	69	1															1					01-02
02 50	26560	62.4	55.9	68	1															1					02-03
03 49	26540	60.8	55.8	74	0															0	8	.025			03-04
04 48	26.550	58.4	54.8	80	0															0					04-05
05 46	26560	58.0	54.8	82	4															1					05-06
06 47	26.570	62.2	56.4	70	9	2	Sc	60	9	Ci	250	9								4	2	.030			06-07
07 44	26570	68.0	59.4	62	10															4					07-08
08 46	26.580	71.6	60.1	52	10															2					08-09
09 49	26570	72.8	61.0	52	9	1	Cu	60	9	Ci	250	9								3	0	.000			09-10
10 50	26560	74.8	61.0	47	10															4					10-11
11 47	26.540	76.8	61.8	44	9															5					11-12
12 49	26.520	80.2	60.6	32	7	2	Cu	70	7	Ci	250	7								2	8	.050			12-13
13 50	26.500	82.0	60.0	27	2															2					13-14
14 44	26500	81.6	58.8	25	1															1					14-15
15 46	26.480	81.7	58.1	23	0	0	Cu	70	0	Ci	250	0								0	8	.040			15-16
16 48	26.470	80.0	57.5	24	0															0					16-17
17 49	26.470	75.2	56.1	30	0															0					17-18
18 47	26.490	72.0	56.0	37	0															0	3	.010			18-19
19 48	26.510	69.1	55.1	41	0															0					19-20
20 46	26.510	69.0	55.1	42	0															0					20-21
21 49	26.520	66.5	54.2	46	0															0	3	.030			21-22
22 45	26.520	65.0	53.7	49	0															0					22-23
23 47	26.520	63.9	53.1	50	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	65	61	X	X						X		
	0345	1	0	0	0	66	61		0								
	0945	2	0	0	0	74	58		0								
	1543	3	0	0	0	83	73		0								
	2145	4	0	0	0	82	67		0								
	MID.	X	0	0	0	67	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1544	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.570	26.480	26.520
BAROGRAPH 64	26.530	26.333	26.476	26.500
BAR. CORR. 65	+.010	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
83	58	0	0	0	29	SW	1317					6	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0912P ☒ Sec. / 1906 ☒ 2 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 SEP 20

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ines.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			100	61	44	07	04		992	400	JK
SA	0147	CLR	20			100	58	43	01	03		992		JK
SA	0250	CLR	20			100	59	43	04	01		992		JK
SA	0349	CLR	20			100	57	44	08	03		992	400 56 RADAT 20135	JC
SA	0447	CLR	20			105	56	43	12	04		993		JC
SA	0546	CLR	20			115	56	43	11	04		996		JC
SA	0645	CLR	20			119	59	46	29	02		997	214	JC
SA	0750	CLR	20			121	66	45	23	03		998		JC
SA	0848	CLR	20			118	73	46	34	03		998		JC
SA	0948	CLR	20			113	76	43	25	04		997	008 55	JC
SA	1050	CLR	20			114	79	42	16	05		997		JC
SA	1147	CLR	20			109	81	44	24	06		996		JC
SA	1249	CLR	20			105	83	42	27	06		994	807	JC
SA	1345	CLR	20			100	83	44	05	04		992		JC
SA	1447	CLR	20			099	83	41	23	04		992		JC
SA	1548	CLR	20			093	84	38	19	04		990	814 85 RADAT 20130	JK
SA	1649	CLR	20			094	83	33	27	02		990		JK
SA	1746	CLR	20			098	78	38	26	03		991		JK
SA	1845	CLR	20			107	73	35	05	02		993	310	JK
SA	1945	CLR	20			113	68	36	07	03		995		JK
SA	2045	CLR	20			116	65	36	07	03		996		JK
SA	2146	CLR	20			116	63	35	09	04		996	110 85	JK
SA	2245	CLR	20			116	64	34	14	03		997		JK
SA	2348	CLR	20			119	60	39	11	04		997		JK

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 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	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	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	26.520	61.2	51.4	52	0															0	4	.000			00-01
01 47	26.520	58.0	50.0	58	0															0					01-02
02 50	26.520	58.8	50.1	55	0															0					02-03
03 49	26.520	56.7	49.9	63	0															0	4	.000			03-04
04 47	26.530	56.1	48.3	61	0															0					04-05
05 46	26.550	56.3	49.0	61	0															0					05-06
06 45	26.560	59.2	51.8	62	0															0	2	.040			06-07
07 50	26.570	66.1	54.0	46	0															0					07-08
08 48	26.570	73.8	57.4	38	0															0					08-09
09 48	26.560	76.4	57.0	30	0															0	0	.000			09-10
10 50	26.560	79.3	57.9	27	0															0					10-11
11 47	26.550	80.5	59.0	27	0															0					11-12
12 49	26.540	82.7	59.0	24	0															0	8	.020			12-13
13 45	26.520	83.0	59.8	25	0															0					13-14
14 47	26.520	83.0	58.8	23	0															0					14-15
15 48	26.500	84.0	58.0	19	0															0	8	.040			15-16
16 49	26.500	83.1	56.3	17	0															0					16-17
17 46	26.510	77.9	55.8	24	0															0					17-18
18 45	26.530	73.0	53.0	25	0															0	3	.030			18-19
19 45	26.550	68.1	51.4	31	0															0					19-20
20 45	26.560	65.0	50.0	34	0															0					20-21
21 46	26.560	63.3	49.0	35	0															0	1	.030			21-22
22 45	26.570	64.0	49.0	33	0															0					22-23
23 48	26.570	60.0	49.1	46	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	64	56	X	X						X		
	0345	1	0	0	0	67	56		0								
	0945	2	0	0	0	78	55		0								
	1545	3	0	0	0	85	76		0								
	2143	4	0	0	0	84	63		0								
	MID.	X	0	0	0	64	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.560	26.500	26.560
BAROGRAPH 64	26.515	26.555	26.500	26.550
BAR. CORR. 65	+.005	+.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	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	55	0	0	0	17	W	1637					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0857P 02 Sec./ 2000 02 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 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 (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			118	60	34	12	03		997	103	JK
SA	0145	CLR	20			118	58	36	34	03		997		JK
SA	0245	CLR	20			118	58	33	36	02		997		JK
SA	0349	CLR	20			121	58	36	01	02		999	303 57 RADAT 20150	JC
SA	0446	CLR	20			125	59	35	30	04		000		JC
SA	0547	CLR	20			132	58	35	21	02		001		JC
SA	0644	CLR	20			140	62	34	25	03		003	314	JC
SA	0749	CLR	20			142	70	41	02	06		004		JC
SA	0845	CLR	20			140	77	39	09	05		004		JC
SA	0947	CLR	20			139	81	41	27	05		004	103 57	JC
SA	1048	CLR	20			130	84	40	10	03		002		JC
SA	1147	CLR	20			124	86	44	17	09		000		JC
SA	1249	CLR	20			120	86	41	12	05		999	617	JC
SA	1346	CLR	20			112	87	41	17	06		997		JC
SA	1448	CLR	20			108	89	40	23	08		996		JC
SA	1547	CLR	20			108	89	38	23	07		996	610 90 RADAT 20151	JK
SA	1645	CLR	20			108	88	39	30	03		996		JK
SA	1747	CLR	20			111	84	40	20	02		996		JK
SA	1851	CLR	20			112	74	40	07	02		996	400	JK
SA	1945	CLR	20			117	71	40	08	05		998		JK
SA	2047	CLR	20			124	69	41	05	03		000		JK
SA	2147	CLR	20			126	68	41	05	03		001	117 90	JK
SA	2246	CLR	20			125	66	40	05	04		001		JK
SA	2348	CLR	20			128	65	41	12	05		002		JK

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	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	26.570	59.9	47.0	37	0															0	1	.010			00-01
01 45	26.570	58.2	47.0	43	0															0					01-02
02 45	26.570	58.3	46.0	38	0															0					02-03
03 49	26.580	58.2	47.0	43	0															0	3	.010			03-04
04 46	26.580	58.5	46.9	41	0															0					04-05
05 47	26.600	57.6	46.4	43	0															0					05-06
06 44	26.620	62.4	48.3	35	0															0	3	.040			06-07
07 49	26.630	70.4	54.2	35	0															0					07-08
08 45	26.630	76.9	55.8	25	0															0					08-09
09 47	26.630	81.4	58.4	24	0															0	1	.010			09-10
10 48	26.610	83.9	58.4	20	0															0					10-11
11 47	26.590	86.0	60.8	23	0															0					11-12
12 49	26.580	86.2	60.0	21	0															0	6	.050			12-13
13 46	26.560	87.4	60.3	19	0															0					13-14
14 48	26.550	88.2	60.8	18	0															0					14-15
15 47	26.550	89.0	60.0	17	0															0	6	.030			15-16
16 45	26.550	87.8	59.8	18	0															0					16-17
17 47	26.550	83.7	58.8	22	0															0					17-18
18 51	26.550	74.2	55.2	29	0															0	4	.000			18-19
19 45	26.570	71.2	54.1	32	0															0					19-20
20 47	26.590	69.2	53.7	36	0															0					20-21
21 47	26.600	67.5	53.0	38	0															0	1	.050			21-22
22 46	26.600	66.0	52.0	39	0															0					22-23
23 48	26.610	64.8	52.0	42	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	60	57	X	X						X		
	0345	1	0	0	0	64	57		0								
	0944	2	0	0	0	82	57		0								
	1544	3	0	0	0	90	81		0								
	2143	4	0	0	0	89	67		0								
	MID.	X	0	0	0	68	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.630	26.550	26.600
BAROGRAPH 64	26.570	26.630	26.550	26.600
BAR. CORR. 65	±.010	±0	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
90	57	0	0	0	15	SW	1519					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0836P ±2 Sec./ 2030/±2 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	CLR	20			129	63	41	28	02		002	103	JK
SA	0147	CLR	20			128	64	40	36	03		002		JK
SA	0245	CLR	20			128	60	40	18	03		002		JK
SA	0349	CLR	20			130	59	40	08	03		002	40057 RADAT 20154	JC
SA	0450	CLR	20			135	58	42	34	05		003		JC
SA	0546	CLR	20			142	57	40	06	04		004		JC
SA	0647	CLR	20			150	64	44	29	02		007	314	JC
SA	0750	CLR	20			147	73	44	34	04		007		JC
SA	0847	CLR	20			150	78	44	29	03		008		JC
SA	0949	CLR	20			147	83	44	06	02		008	203 56	JC
SA	1048	CLR	20			139	85	42	16	02		005		JC
SA	1145	CLR	20			135	89	38	25	10617		004		JC
SA	1249	CLR	20			125	92	34	24	12621		002	717	JC
SA	1347	CLR	20			122	92	34	19	10617		001		JC
SA	1445	CLR	20			119	93	35	20	10617		000		JC
SA	1556	CLR	20			118	93	34	22	09		999	608 93 RADAT 23154	HS
SA	1649	CLR	20			119	90	34	23	12		999		HS
SA	1747	CLR	20			121	85	33	21	08		999		HS
SA	1848	CLR	20			129	79	35	12	07		001	305	HS
SA	1948	CLR	20			131	79	34	09	07		003		HS
SA	2046	CLR	20			134	77	33	10	07		004		HS
SA	2149	CLR	20			136	74	33	09	05		005	214 93	HS
SA	2249	CLR	20			136	73	37	08	05		005		HS
SA	2352	CLR	20			130	74	34	05	03		004		HS

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 22

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	26.610	63.2	51.1	44	0															0	1	.010			00-01
01 47	26.610	63.5	50.8	42	0															0					01-02
02 45	26.610	60.4	49.4	46	0															0					02-03
03 49	26.610	58.6	48.9	50	0															0	4	.000			03-04
04 50	26.620	57.6	49.0	55	0															0					04-05
05 46	26.630	56.9	48.1	53	0															0					05-06
06 47	26.650	63.6	52.5	48	0															0	3	.040			06-07
07 50	26.650	72.7	56.0	35	0															0					07-08
08 47	26.660	78.1	58.0	29	0															0					08-09
09 49	26.660	83.0	59.8	25	0															0	2	.010			09-10
10 48	26.640	85.4	60.0	22	0															0					10-11
11 45	26.630	88.9	59.9	17	0															0					11-12
12 49	26.600	92.4	60.0	13	0															0	2	.050			12-13
13 47	26.600	92.4	59.9	13	0															0					13-14
14 45	26.590	92.8	60.3	13	0															0					14-15
15 50	26.585	92.6	60.1	13	0															0	6	.025			15-16
16 49	26.580	90.0	59.0	14	0															0					16-17
17 47	26.580	84.9	57.1	16	0															0					17-18
18 48	26.600	78.8	55.3	21	0															0	3	.015			18-19
19 48	26.620	78.8	54.9	20	0															0					19-20
20 46	26.630	77.0	54.1	20	0															0					20-21
21 49	26.640	73.6	52.6	23	0															0	2	.040			21-22
22 49	26.640	72.7	53.4	27	0															0					22-23
23 52	26.630	74.2	53.1	23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	65	57	X	X						X		
	0345	1	0	0	0	68	57		0								
	0945	2	0	0	0	85	56		0								
	1545	3	0	0	0	93	83		0								
	2144	4	0	0	0	93	74		0								
	MID.	X	0	0	0	74	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.660	26.585	26.640
BAROGRAPH 64	26.615	26.660	26.595	26.640
BAR. CORR. 65	-.005	±0	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	56	0	0	0	24	SW	1223					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0844P ±2 Sec./ 2151P ±2 Sec./ ± Sec.

MF1-10B (1-82) *SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-584-009/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Whole) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Insy) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. OBSERVERS INITIALS (15)
SA	0052	CLR	20			129	73	36	12	05		004	603	HS
SA	0148	CLR	20			128	75	38	15	06		004		HS
SA	0249	CLR	20			125	76	40	16	08		003		HS
SA	0348	CLR	20			128	78	38	17	10		004	502 73 RADAT 20171	RD
SA	0446	CLR	20			130	73	38	30	03		004		RD
SA	0547	CLR	20			144	66	38	01	07		007		RD
SA	0647	CLR	20			151	70	42	14	04		008	214 1009	RD
SA	0748	CLR	20			146	77	42	24	03		008		RD
SA	0847	250 - BKN	20			147	83	38	00	00		009		RD
SA	0947	250 - BKN	20			144	87	39	23	03		008	500 1008 66	RD
SA	1047	250 - BKN	20			141	90	41	17	09		008		RD
SA	1147	250 - BKN	20			136	92	41	23	11		007		RD
SA	1248	E250 BKN	20			128	93	43	24	08		004	712 1008	RD
SA	1348	E250 BKN	20			120	93	44	17	12		002	FEW CU S	RD
SA	1449	E250 BKN	20			116	93	43	18	08		001	FEW CU S	RD
SA	1551	E250 OVC	20			108	93	44	22	14		999	717 1107 96 RADAT 24151	HS
SA	1648	E250 OVC	20			111	89	44	23	06		999		HS
SA	1748	E250 OVC	20			116	85	45	12	02		999		HS
SA	1848	E250 OVC	20			120	83	43	09	06		000	303 1007	HS
SA	1946	E250 OVC	20			124	80	44	11	03		002		HS
SA	2047	E250 BKN	20			122	79	43	11	05		002		HS
SA	2149	E250 BKN	20			115	83	42	11	08		001	003 1008 96	HS
SA	2249	E250 BKN	20			117	76	45	20	02		001		HS
SA	2349	250 SCT	20			115	78	45	10	03		001		HS

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	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	26.630	73.3	53.5	26	0															0	6	.010			00-01
01 48	26.630	75.2	55.0	26	0															0					01-02
02 49	26.620	76.4	56.0	27	0															0					02-03
03 48	26.625	77.8	56.0	24	0															0	5	.005			03-04
04 46	26.630	73.1	54.0	28	0															0					04-05
05 47	26.650	66.2	51.3	36	0															0					05-06
06 47	26.665	69.5	54.1	37	0	0	Cc	300												0	2	.040			06-07
07 48	26.665	77.2	57.2	29	0															0					07-08
08 47	26.670	83.4	57.9	20	6															2					08-09
09 47	26.665	87.0	59.6	19	8	8	Cs	250												2	5	.000			09-10
10 47	26.660	90.4	61.3	18	8															2					10-11
11 47	26.650	92.3	62.2	17	8															3					11-12
12 48	26.636	93.0	63.0	18	9	9	Cs	E250												5	7	.035			12-13
13 48	26.610	92.8	63.4	19	9															6					13-14
14 49	26.600	92.6	62.9	18	9															6					14-15
15 51	26.580	92.6	63.0	18	10	0	Cu	90	10	Cs	E250	10								9	7	.050			15-16
16 48	26.580	89.0	62.0	21	10															9					16-17
17 48	26.580	84.7	60.9	25	10															9					17-18
18 48	26.590	82.8	59.4	24	10	10	Cs	E250												9	3	.010			18-19
19 46	26.605	80.4	59.0	28	10															8					19-20
20 49	26.605	78.6	58.1	27	7															6					20-21
21 49	26.600	82.6	59.0	24	6	6	Cs	E250												6	0	.010			21-22
22 49	26.600	76.1	58.0	34	7															6					22-23
23 49	26.600	78.0	58.5	31	5															3					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	78	73	X	X						X		
	0342	1	0	0	0	78	73		0								
	0942	2	0	0	0	87	66		0								
	1546	3	0	0	0	96	87		0								
	2144	4	0	0	0	94	79		0								
	MID.	X	0	0	0	83	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1556	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.665	26.580	26.600
BAROGRAPH 64	26.625	26.695	26.590	26.600
BAR. CORR. 65	0	-.010	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	66	0	0	0	24	SW	1113					6	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1056 ±1 Sec./ 2051P ±1 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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)	OB. SERVER'S INITIALS (15)
SA	0049	250 SCT	20			115	77	47	11	06		001	400 1008	HS
SA	0149	250 SCT	20			111	79	45	36	03		000		HS
SA	0250	E250 BKN	20			110	81	47	18	07		000		HS
SA	0350	E250 BKN	20			113	77	49	16	06		000	603 1008 76 RADAT 30147	RD
SA	0447	E250 BKN	20			119	75	46	06	04		002		RD
SA	0546	E250 BKN	20			125	74	43	12	07		002		RD
SA	0649	E220 BKN	20			129	75	46	12	06		003	210 1008	RD
SA	0746	E220 OVC	20			135	77	49	00	00		005		RD
SA	0846	160 SCT E220 OVC	20			142	80	47	24	10		007		RD
SA	0950	55 SCT 160 SCT E220 OVC	20			137	85	48	20	10		007	RB52E18/01000 1177 72	RD
SA	1049	55 SCT 140 SCT E220 OVC	20			136	86	49	22	09		006		RD
SA	1149	140 SCT E220 OVC	20			133	85	49	23	14		005		RD
SA	1249	140 SCT E220 BKN	20			125	87	51	25	13		003	710 1178	RD
SA	1348	E140 BKN 220 BKN	20			120	87	50	24	12		002		RD
SA	1450	E140 BKN 220 BKN	20			116	87	50	24	11		001		RD
SA	1549	E140 BKN 250 BKN	20			116	83	52	28	15		000	710 1078 88 RADAT 87148	HS
SA	1647	E110 BKN 250 OVC	20			126	78	55	30	16		002		HS
SA	1748	E110 BKN 250 OVC	20			134	75	56	28	09		003		HS
SA	1847	E100 BKN 250 OVC	20			141	74	57	25	05		005	217 1208	HS
SA	1952	E100 BKN 250 OVC	20			140	74	59	01	05		005		HS
SA	2046	100 SCT E250 OVC	20			141	75	56	04	15		007		HS
SA	2150	100 SCT E250 OVC	20			144	72	58	05	16		008	307 1208 88	HS
SA	2248	E100 BKN 250 OVC	20		RW-	144	71	59	05	17		008	RB30 PCPN VRY LGT	HS
SA	2348	E100 BKN 250 OVC	20		RW-	149	70	63	06	07		009	PCPN VRY LGT	HS

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	26.600	76.5	58.7	35	5	5	Cs	250												4	4	.000			00-01
01 49	26.590	78.7	59.0	31	5															3					01-02
02 50	26.590	80.6	60.2	31	7															5					02-03
03 50	26.590	76.7	60.0	38	7	7	Cs	E250												5	6	.010			03-04
04 47	26.605	74.8	57.9	36	9															7					04-05
05 46	26.610	73.7	56.1	33	9															8					05-06
06 49	26.620	75.4	58.0	35	9	9	Cs	E220												9	2	.030			06-07
07 46	26.635	76.7	59.9	38	10															9					07-08
08 46	26.655	80.2	60.1	31	10															9					08-09
09 50	26.650	85.0	62.2	28	10	3	Cu	55	2	Ac	160	5	10	Cs	E220	10				9	0	.030			09-10
10 49	26.645	86.0	63.0	28	10															9					10-11
11 47	26.640	85.1	62.8	29	10															9					11-12
12 49	26.620	86.6	63.9	29	9	0	Cu	60	3	Ac	140	3	6	Cs	E220	9				8	7	.030			12-13
13 48	26.610	86.9	63.7	28	9															8					13-14
14 50	26.600	86.8	63.7	29	9															7					14-15
15 48	26.590	83.4	63.7	34	9	6	Ac	E140	3	Cs	250	9								9	7	.030			15-16
16 47	26.610	77.9	63.2	46	10															10					16-17
17 48	26.620	75.4	63.1	52	10															10					17-18
18 47	26.640	74.0	63.2	56	10	7	Cu	E100	3	Cs	250	10								10	2	.050			18-19
19 52	26.640	73.5	63.3	58	10															10					19-20
20 46	26.650	75.1	62.6	51	10															10					20-21
21 50	26.660	72.0	63.0	62	10	5	Cu	100	5	Cs	E250	10								10	3	.020			21-22
22 48	26.660	71.1	63.4	67	10															10					22-23
23 48	26.670	69.8	64.9	78	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	82	76	X	X						X		
	0345	1	0	0	0	83	76		0								
	0944	2	T	0	0	85	72		0								
	1543	3	0	0	0	88	85		0								
	2145	4	0	0	0	83	72		0								
	MID.	X	T	0	0	72	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.650	26.590	26.660
BAROGRAPH 64	26.585	26.650	26.600	26.660
BAR. CORR. 65	+.005	0	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
88	70	T	0	0	*21	W	1637					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0852	0918			
RW-	2230	CONT'D			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0805 ✓/Sec./ 2020 ✓/Sec./ ± Sec.

*LAST OF SEVERAL OCCURRANCES

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	E100 BKN 250 OVC	20			138	68	61	03	12		005	RE25 80700 1208	HS
SA	0147	E100 BKN 250 OVC	20			138	68	61	04	12		005	OCNL RW-	HS
SA	0250	E100 BKN 250 OVC	20		RW-	138	69	61	06	07		005	RB35	HS
SA	0349	E100 BKN 250 OVC	20		RW-	135	68	62	05	08		004	80360 1208 67	RD
—			—			—	6					—	RADAT 97135	—
SA	0448	E90 OVC	15		R-	141	66	63	03	08		005		RD
SA	0547	E100 OVC	15		R-	146	66	62	01	11		005		RD
SA	0650	80 SCT E90 BKN 200 OVC	20		RW-	144	66	62	06	08		004	50010 1808	RD
SA	0748	E90 BKN 140 BKN 200 OVC	20			142	68	62	02	11		004	RE03	RD
SA	0847	90 SCT E140 BKN	20			136	70	63	04	09		004		RD
SA	0948	E70 BKN 140 BKN	20			136	72	61	02	10		003	80310 1570 65	RD
SA	1046	E70 BKN 140 OVC	20		RW-	134	73	61	04	09		003	RB20	RD
SA	1147	E70 BKN 140 OVC	20		RW-	130	72	63	04	16		004	RE17B38	RD
SA	1249	E70 BKN 140 OVC	20		RW-	125	72	63	02	12		999	71000 1570	RD
SA	1349	E70 BKN 140 OVC	20			110	75	62	36	10		996	RE02	RD
SA	1450	E70 BKN 140 OVC	20		RW-	107	75	62	03	09		995	RB09 RE35	RD
SA	1551	E70 BKN 150 OVC	20			106	73	62	04	11		994	MTN TPS OBSCD SE 61702	
													127/78 RADAT 93143	HS
SA	1648	E70 BKN 150 OVC	20		RW-	110	69	64	04	12		994	MTN TPS OBSCD SE RB30	HS
SA	1750	E70 BKN 150 OVC	20		RW-	103	69	63	04	11		992	RE05B45	HS
SA	1848	70SCT E150 BKN 250 OVC	20			099	69	62	05	08		991	RE02 80801 1278	HS
SA	1948	70SCT E250 BKN	20			101	68	62	05	07		992		HS
SA	2047	70SCT E250 BKN	20			100	67	63	33	04		992		HS
SA	2149	70SCT 250SCT	20			097	66	63	10	04		991	00001 1208 78	HS
SA	2248	70SCT 250SCT	20			089	65	63	06	02		989		HS
SA	2350	70SCT 250SCT	20			080	64	62	32	06		986		HS

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00	48	26.640	68.2	63.2	77	10	7	Cu	E100	3	Cs	250	10							10	8	.020			00-01
01	47	26.640	68.3	63.7	79	10														10					01-02
02	50	26.640	68.7	63.7	77	10														10					02-03
03	49	26.630	67.8	63.8	81	10	8	Cu	E160	2	Cs	250	10							10	8	.010			03-04
04	48	26.635	65.7	64.0	92	10														10					04-05
05	47	26.640	65.8	63.1	87	10														10					05-06
06	50	26.630	65.9	63.4	88	10	2	Cu	80	6	Sc	E90	8	2	Cs	200	10			10	0	.000			06-07
07	48	26.630	68.0	64.0	82	10														10					07-08
08	47	26.625	69.7	64.9	78	9														8					08-09
09	48	26.620	71.9	64.7	69	9	7	Sc	E70	2	Ac	140	9							8	8	.010			09-10
10	46	26.615	73.4	65.3	65	10														10					10-11
11	47	26.600	72.1	65.6	72	10														10					11-12
12	49	26.585	72.1	66.0	74	10	8	Sc	E70	2	Ac	140	10							10	7	.035			12-13
13	47	26.550	74.7	65.9	64	10														10					13-14
14	50	26.545	74.8	65.9	64	10														10					14-15
15	51	26.535	72.8	65.4	68	10	8	Cu	E70	2	Ac	150	10							10	6	.050			15-16
16	48	26.540	69.0	65.4	83	10														10					16-17
17	50	26.520	69.0	65.0	82	10														10					17-18
18	48	26.510	69.0	64.1	78	10	4	Cu	70	3	Ac	E150	7	3	Cs	250	10			10	8	.025			18-19
19	48	26.520	68.3	63.9	80	9														8					19-20
20	47	26.520	67.3	64.5	87	9														7					20-21
21	49	26.510	66.1	64.1	91	5	2	Cu	70	3	Cs	250	5							4	0	.000			21-22
22	48	26.490	65.2	63.4	91	5														3					22-23
23	50	26.465	64.1	63.0	94	4														3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	T	0	X	70	67	X	X						X		
	0342	1	T	0	0	72	67		1								
	0940	2	.10	0	0	72	65		1								
	1546	3	.02	0	0	78	72		1								
	2144	4	.01	0	0	74	66		1								
	MID.	X	0	0	0	66	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.620	26.535	26.510
BAROGRAPH 64	26.635	26.635	26.525	26.485
BAR. CORR. 65	+.005	+.015	+.010	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 67	24-HR. MIN. TEMP. (°F) 68	24-HR. PRECIP. WATER EQUIV. (Ins.) 69	24-HR. SNOWFALL UNMLTD (Ins.) 70	SNOW DEPTH (Ins.) 71	PEAK WIND SPEED (Kts.) 72	PEAK WIND DIRECTION 73	PEAK WIND TIME (L.S.T.) 74	THICKNESS OF ICE ON WATER (Ins.) 75	FROZEN GROUND LAYER (Ins.) TOP 76	FROZEN GROUND LAYER (Ins.) BASE 77	RIVER GAGE 78	SKY COVER SUNRISE TO SUNSET 79	SKY COVER MIDNIGHT TO MIDNIGHT 80	WATER EQUIV. (Ins.) 81
78	64	.13	0	0	16	NE	1146					10	9	

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT'D	0025			
RW-	0235	0412			
R-	0412	0608			
RW-	0608	0703			
RW-	1020	1117			
RW-	1138	1302			
RW-	1409	1535			
RW-	1630	1705			
RW-	1745	1802			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0905 ±1 Sec./ 2150P ±1 Sec./ ± Sec.

CHANGED MICROBAROGRAPH AND RESET TO ZERO AT 0956

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	70 SCT E250 BKN	20			079	65	63	10	03		986	617 1408	HS
SA	0148	70 SCT E250 OVC	20			070	65	64	00	00		983		HS
SA	0250	70 SCT E250 OVC	20			061	68	63	25	03		981		HS
SA	0348	35 SCT E70 OVC	20			063	67	62	20	04		981	714 1411 64 20013	/
													RADAT 84141	JD
SA	0447	35 SCT E70 OVC	20			062	68	62	21	08		981		JD
SA	0547	35 SCT E60 OVC	20			061	66	63	18	10		980	B1 NOVC RB1249E1259B10E19	
													MTN TPS SE OBSD	JD
SA	0648	35 SCT E60 BKN 100 BKN	20			058	67	61	18	14		980	RB1355E18/ 70510 1460	JD
SA	0748	60 SCT 100 SCT	20			049	70	60	22	17		977	RWY SE	JD
SA	0847	35 SCT 60 SCT 100 SCT	20			046	73	61	22	17		976		JD
SA	0947	35 SCT 60 SCT 100 SCT	20			043	75	60	20	10	G28	975	71210 1460 64	JD
SA	1046	35 SCT 60 SCT 100 SCT	20			033	77	60	20	14	G32	973		JD
SA	1148	35 SCT 60 SCT 100 SCT	20			023	78	60	19	21	G34	970		JD
SA	1251	40 SCT 80 SCT	20			011	79	59	18	26	G38	967	TCU SE PK WND 2238/48	/
													727 1260	JD
SA	1348	40 SCT	20			999	79	55	18	24	G33	963	PK WND 1937/25	JD
SA	1448	40 SCT	20			991	79	54	18	19	G25	961	TCU SE	HS
SA	1552	40 SCT	20			984	76	51	18	22	G28	959	724 1200 81.	HS
—	—												RADAT 20131	—
SA	1648	CLR	20			984	74	49	21	22	G30	959	TCU DSNT NW	HS
SA	1747	CLR	20			987	71	45	20	20	G35	959	TCU SE	HS
SA	1847	CLR	20			993	69	39	21	23	G31	958	DSNT LTNG SE/803 1100	HS
SA	1948	CLR	20			986	69	35	21	16	G23	959		HS
SA	2048	CLR	20			993	67	36	21	04		961		HS
SP	2117	45 SCT	20						02	16	G33	963	WSHFT 10 FROPA	HS
SA	2149	45 SCT	20			002	61	46	03	17	G25	963	WSHFT 10 FROPA/317 1400 81	HS
SA	2247	CLR	20			002	60	45	05	15	G22	963		HS
SA	2347	50 SCT	20			002	58	44	05	15	G24	963		HS

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 2 6

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.460	65.3	63.6	92	8	2	Sc	70	6	Cs	E250	8								7	6	.050			00-01
01 48	26.440	65.1	64.1	95	10															10					01-02
02 50	26.420	67.6	64.4	85	10															10					02-03
03 48	26.420	67.2	63.8	84	10	1	Cu	35	9	Sc	E70	10								10	7	.040			03-04
04 47	26.415	68.2	63.8	80	10															10					04-05
05 47	26.410	65.9	64.2	92	10															10					05-06
06 48	26.405	67.1	62.9	80	9	1	Cu	35	7	Sc	E60	8	1	Ac	100	9				9	7	.015			06-07
07 48	26.385	70.3	63.7	71	3															3					07-08
08 47	26.375	73.0	64.6	67	3															3					08-09
09 47	26.370	74.8	64.9	60	4	1	Sc	35	2	Sc	60	3	1	Ac	100	4				4	7	.035			09-10
10 46	26.345	76.7	65.6	57	5															5					10-11
11 48	26.320	78.1	65.9	54	3															3					11-12
12 51	26.290	78.5	65.5	51	2	2	Cu	40	0	Ac	80	2								2	7	.080			12-13
13 48	26.260	78.7	63.6	45	2															2					13-14
14 48	26.240	78.8	63.0	43	2															2					14-15
15 52	26.220	75.9	60.5	42	1	1	Cu	40												1	7	.070			15-16
16 48	26.220	74.3	58.8	41	0															0					16-17
17 47	26.220	71.2	56.2	40	0															0					17-18
18 47	26.210	69.4	53.0	33	0	0	Cu	40												0	8	.010			18-19
19 48	26.220	68.6	51.2	29	0															0					19-20
20 48	26.240	66.8	50.8	32	0															0					20-21
21 49	26.260	61.0	52.3	57	2	2	Sc	45												2	3	.050			21-22
22 47	26.260	60.0	51.5	57	0															0					22-23
23 47	26.260	58.3	50.3	58	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	68	64	X	X						X		
	0345	1	0	0	0	68	64		1								
	0944	2	.10	0	0	75	66		1								
	1547	3	0	0	0	81	75		0								
	2144	4	0	0	0	76	61		0								
	MID.	X	0	0	0	61	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1532	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.370	26.320	26.260
BAROGRAPH 64	26.400	26.340	26.195	26.225
BAR. CORR. 65	+.020	+.030	+.025	+.035

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	58	.10	0	0	38	SW	1248					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0449	0459			
RW-	0510	0519			
RW-	0555	0618			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0557 ±1 Sec./ 1928 ±1 Sec./ ± Sec.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 100-36 (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0049	50 SCT	20			998	57	44	02	09		962	803 1400	
SA	0153	M 65 BKN	20			000	56	41	01	05		962	DSNT LTNG SW AND NW	
SA	0249	M 45 OVC	20		RW-	017	50	46	35	14		967	RB27	
SA	0352	M 50 OVC	15		RW-	015	49	48	15	09		965	01012 102/ 49	
													20022 RADAT 98082	JD
SA	0447	E 50 BKN 90 OVC	20			011	50	45	11	05		964	RE15	JD
SA	0547	50 SCT E100 OVC	20			008	50	46	36	02		963		JD
SA	0649	50 SCT 120 SCT 200 -OVC	20			015	50	47	29	04		964	50301 1478	JD
SA	0748	120 SCT 210 -BKN	20			016	55	44	23	10		965		JD
SA	0848	50 SCT 80 SCT 210 -OVC	20			023	57	38	28	10 G	18	968		JD
SA	0949	50 SCT 220 -OVC	20			026	59	38	27	12		968	TCU W /1001 1208 49	JD
SA	1046	50 SCT 100 SCT 220 -BKN	20			026	61	36	29	13		968	CB SW MOVG NE	JD
SA	1149	50 SCT E220 OVC	20			023	61	36	26	17		967	CB S MOVG E TCU ALQDS	
													VIRGA N-NE	JD
SA	1247	50 SCT 220 - BKN	20			018	64	37	27	16		965	CB NW TCU ALQDS	
													807 1908	JD
SP	1328	50 SCT 220 - BKN	20		T				27	14 G	23	965	TCU N MOVG E CB VIRGA	
													NW-NE AND S MOVG E	JD
SA	1350	50 SCT E220 BKN	20		T	017	64	37	25	13		965	TB24 N MOVG E RWU NW-	
													N TCU ALQDS	JD
RS	1451	E50 OVC	20		RW-	048	51	44	04	11 G	27	971	TESD HIR CLDS VSB RB05	JD
													RRESRR	JD
SA	1548	M45 OVC	20		RW-	051	53	44	06	06		972	32012 1411 65	
													RADAT 89083	
SA	1649	45SCT E230 OVC	20			052	54	44	10	09		973	RE05 VIRGA SW	
SA	1747	M50BKN 230 OVC	20			055	54	42	10	07		973	RWU NW	
SA	1850	M45BKN 230 OVC	20		RW-	060	52	45	23	08		975	RB0152 / 30801 1408	
SA	1949	45SCT 230 SCT	20			073	51	46	22	02		979	RE02	
SA	2045	50 SCT	20			076	50	46	12	04		980		
SA	2148	50 SCT	20			076	50	46	04	03		981	11701 1400 65	
SA	2243	CLR	20			078	49	45	05	04		981		
SA	2350	CLR	20			078	48	44	05	03		981		

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 49	26.250	57.1	49.8	61	1	1	SC	50												1	8	.010			00-01
01 53	26.250	56.2	48.2	57	7															7					01-02
02 49	26.290	50.0	47.7	85	10															10					02-03
03 52	26.280	49.0	48.2	95	10	10	Ns	M50												10	0	.030			03-04
04 47	26.265	50.1	47.1	81	10															10					04-05
05 47	26.255	49.6	47.8	88	10															10					05-06
06 49	26.270	50.2	48.2	87	10	1	Sc	50	2	Ac	120	3	7	Cs	240	10				5	5	.010			06-07
07 48	26.275	54.8	49.1	68	9															3					07-08
08 48	26.295	57.3	47.2	48	10															2					08-09
09 49	26.300	59.2	48.4	46	10	3	Cu	50	7	Cs	220	10								4	1	.030			09-10
10 46	26.300	60.9	48.2	39	9															3					10-11
11 49	26.290	60.7	48.2	40	10															6					11-12
12 47	26.280	64.2	50.0	36	9	4	Cb	50	5	Cs	220	9								4	8	.020			12-13
13 50	26.275	64.0	49.8	36	9															5					13-14
14 51	26.330	50.9	47.1	77	10															10					14-15
15 48	26.340	52.7	47.8	71	10	10	SC	M45												10	3	.060			15-16
16 49	26.345	53.9	48.6	70	10															7					16-17
17 47	26.350	54.0	47.5	63	10															8					17-18
18 50	26.345	52.3	48.3	76	10	7	SC	M45	3	CS	230	10								10	3	.025			18-19
19 49	26.400	51.0	48.4	84	4															4					19-20
20 45	26.410	50.2	47.6	84	5															5					20-21
21 48	26.415	50.3	47.8	84	5	5	SC	50												5	1	.050			21-22
22 43	26.420	49.0	46.6	85	0															0					22-23
23 50	26.420	48.3	46.2	86	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	.12	0	X	60	49	X	X						X		
	0345	1	.12	0	0	61	49		2								
	0945	2	.01	0	0	61	49		1								
	1544	3	.12	0	0	65	51		2								
	2144	4	.01	0	0	54	50		1								
	MID.	X	0	0	0	50	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.280	26.300	26.340	26.415
BAROGRAPH 64	26.255	26.265	26.305	26.380
BAR. CORR. 65	+.025	+.035	+.035	+.035

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	48	.26	0	0	35	N	1425					10	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0227	0315			
R-	0315	0415			
T	1324	1450			
RW-	1405	1410			
RW	1410	1416			
RW-	1416	1605			
RW-	1752	1902			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0457 P ± 1 Sec. / 1932 ± 1 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK, NV

DATE: 1982 SEP 28

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's-Deg.) (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			078	46	44	05	06		981	102	
SA	0151	CLR	20			074	45	43	07	05		980		
SA	0250	CLR	20			081	43	43	01	07		980		
SA	0349	250 -SCT	20			090	45	41	03	05		983	305 1001 43 20014	
													RADAT 55090	JD
SA	0449	250 -SCT	20			096	43	41	18	03		984		JD
SA	0547	250 -SCT	20			098	43	41	04	04		985		JD
SA	0647	CLR	20			104	45	43	06	02		986	212 1001	JD
SA	0750	CLR	20			104	52	39	27	02		987		JD
SA	0848	CLR	20			106	56	39	24	07		988		JD
SA	0948	250 SCT	20			102	58	38	22	10		987	003 1105 42	JD
SA	1046	E250 BKN	20			093	60	35	23	10		985		JD
SA	1149	E250 BKN	20			089	62	33	26	10		984		JD
SA	1247	E250 OVC	20			078	64	34	26	14		981	720 1107	JD
SA	1348	E250 OVC	20			070	64	34	25	11		979		JD
SA	1450	250 -BKN	20			066	66	35	23	11		978		JD
SA	1548	250 SCT	20			061	65	38	23	13		976	714 1001 66 RADAT	
													69L092101108	
SA	1649	CLR	20			060	64	33	20	10		975		
SA	1748	CLR	20			062	61	34	20	10		975		
SA	1845	CLR	20			065	60	36	21	08		976	500	
SA	1945	CLR	20			064	55	40	06	04		976		
SA	2050	CLR	20			054	55	40	12	07		974		
SA	2147	CLR	20			046	53	40	01	02		972	814 66	
SA	2248	CLR	20			037	55	39	18	07		970		
SA	2348	CLR	20			030	57	35	21	15	G21	969		

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NY

DATE: 1982 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	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	26.420	45.8	44.6	92	0															0	1	.005			00-01
01 51	26.410	45.2	44.2	93	0															0					01-02
02 50	26.410	43.4	43.1	98	0															0					02-03
03 49	26.435	45.3	43.0	84	2	2	Ci	250												0	3	.015			03-04
04 49	26.450	43.0	42.4	96	4															0					04-05
05 47	26.455	42.6	42.0	96	1															0					05-06
06 47	26.470	44.8	43.7	92	0	0	Ci	250												0	2	.035			06-07
07 50	26.480	51.5	45.2	62	0															0					07-08
08 48	26.490	55.6	46.9	53	0															0					08-09
09 48	26.480	58.0	47.6	46	1	0	Cu	40	1	Ci	250	1								1	0	.010			09-10
10 46	26.460	60.2	47.6	39	6															4					10-11
11 49	26.450	61.7	47.4	33	9															6					11-12
12 47	26.420	64.1	49.1	33	10	0	Cu	40	10	Cs	E250	10								8	7	.060			12-13
13 48	26.400	63.7	48.7	33	10															6					13-14
14 50	26.390	65.9	50.0	32	9															2					14-15
15 48	26.380	65.2	50.8	37	3	3	Ci	250												2	7	.040			15-16
16 49	26.370	63.6	48.5	32	0															0					16-17
17 48	26.370	61.1	47.7	36	0															0					17-18
18 45	26.380	59.7	47.7	41	0															0	5	.000			18-19
19 45	26.380	55.2	47.1	56	0															0					19-20
20 50	26.360	55.4	47.4	56	0															0					20-21
21 47	26.340	53.3	46.5	61	0															0	8	.040			21-22
22 48	26.320	55.1	46.7	54	0															0					22-23
23 48	26.310	57.0	46.2	44	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	48	43	X	X						X		
	0344	1	0	0	0	50	43		0								
	0944	2	0	0	0	58	42		0								
	1544	3	0	0	0	66	58		0								
	2144	4	0	0	0	65	53		0								
	MID.	X	0	0	0	57	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.435	26.480	26.380	26.340
BAROGRAPH 64	26.410	26.460	26.360	26.325
BAR. CORR. 65	+.025	+.020	+.020	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	42	0	0	0	24	SW	2332					4	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0433 P ⊕ 2 Sec./ 1848 ⊕ 3 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 SEP 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (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	0047	CLR	20			030	55	36	25	05		969	610	KH
SA	0148	CLR	20			019	55	38	22	15	G21	965		KH
SA	0251	230 SCT	20			013	50	39	11	03		963		KH
SA	0348	CLR	20			004	49	38	09	06		960	727 1001 49 RADAT 37120	JD
SA	0447	CLR	20			990	52	35	19	08		957		JD
SA	0547	CLR	20			989	50	37	11	04		956		JD
SA	0649	CLR	20			990	53	37	01	10		957	612	JD
SA	0747	CLR	20			000	56	37	05	05		959		JD
SA	0849	70 SCT	20			004	58	36	16	04		960		JD
SA	0947	E65 BKN	20			010	62	37	23	10	G20	962	319 1400 48	JD
SA	1047	E 65 BKN	20			003	62	38	22	12		961		JD
SA	1149	65 SCT E90 BKN	20			001	63	38	30	15		961		JD
SA	1248	65 SCT E90 BKN	20			011	59	38	29	10		962	500 1460	JD
SA	1348	65 SCT E90 BKN	20			018	53	38	03	24		963	VIRGA NW	JD
SA	M50	40 SCT E65 BKN 90 OVC	20			034	50	38	01	19		967	BINOVC RB34E45 RWU NW	JD
SA	1549	M38 OVC	15		R-	051	46	42	36	15		971	RB12/32701 14// 64	KH
—	—												RADAT 87075	—
SA	1648	10 SCT M30 OVC	10		R-	056	46	42	05	12		973		KH
SA	1748	M30 OVC	20			058	47	40	11	05		973	RE18	KH
SA	1845	M30 OVC	20		R-	061	47	41	30	03		974	RB37/21002 14//	KH
SA	1946	M37 OVC	20			068	46	42	27	04		976	RE15	KH
SA	2047	M30 BKN	20			066	45	42	26	03		976	RB02E18	KH
SA	2147	M45 BKN	20			065	45	43	27	02		976	10703 1400 64	KH
SA	2248	M45 OVC	20			069	44	42	00	00		978	BINOVC	KH
SA	2346	H5 SCT	20			068	45	39	23	05		978		KH

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	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	26.310	55.3	45.8	49	0															0	6	.030			00-01
01 48	26.280	54.8	46.1	52	0															0					01-02
02 51	26.260	49.8	44.3	66	3															2					02-03
03 48	26.230	49.1	43.7	66	0	0	Ci	230												0	7	.080			03-04
04 47	26.200	52.2	44.0	53	0															0					04-05
05 47	26.190	49.8	43.5	61	0															0					05-06
06 49	26.195	53.3	45.2	53	0															0	6	.035			06-07
07 47	26.220	56.2	46.6	49	0															0					07-08
08 49	26.230	58.3	47.1	43	5															5					08-09
09 47	26.250	61.6	48.9	40	9	9	Sc	E65												9	3	.05 5			09-10
10 47	26.235	61.9	49.6	42	8															8					10-11
11 49	26.235	62.7	49.6	39	6															6					11-12
12 48	26.250	59.0	48.1	45	8	1	Sc	65	8	Ac	E90	8								8	5	.000			12-13
13 48	26.260	53.1	45.6	57	9															9					13-14
14 50	26.290	50.3	44.0	62	10															10					14-15
15 49	26.330	46.3	44.0	85	10	10	Sc	M38												10	3	.080			15-16
16 48	26.345	45.6	43.7	87	10															10					16-17
17 48	26.350	46.9	43.3	76	10															10					17-18
18 45	26.360	46.7	43.8	80	10	10	Sc	M30												10	2	.030			18-19
19 46	26.380	45.7	43.8	87	10															10					19-20
20 47	26.380	45.1	43.7	90	7															7					20-21
21 47	26.380	45.1	44.1	93	9	9	Sc	M45												9	1	.020			21-22
22 48	26.390	44.2	43.2	93	10															9					22-23
23 46	26.390	44.7	41.9	80	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	58	49	X	X						X		
	0343	1	0	0	0	58	49		0								
	0944	2	0	0	0	64	48		0								
	1545	3	.01	0	0	64	46		1								
	2143	4	.03	0	0	47	45		1								
	MID.	X	0	0	0	45	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.230	26.250	26.330	26.380
BAROGRAPH 64	26.210	26.215	26.340	26.390
BAR. CORR. 65	+.020	+.035*	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
64	44	.04	0	0	31	N	1410					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1434	1445			
R-	1512	1718			
R-	1837	1915			
R-	2002	2018			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0518P ±2Sec./ 1753 ±3Sec./ ± Sec.

*BAROGRAPH CHART CHANGED 0955 RESET TO ±.0 CORR

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (4g)	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 (16)
SA	0047	45 SCT	20			075	43	38	26	03		979	207 1400	MG
SA	0149	CLR	20			078	42	38	31	02		979		MG
SA	0250	CLR	20			080	43	37	01	02		979		MG
SA	0349	CLR	20			084	41	38	05	03		979	302 1400 40 20004	MR
													RADAT 82068	
SA	0444	CLR	20			095	40	38	10	02		982		MR
SA	0545	CLR	20			104	39	37	04	04		985	FEW SC AC	MR
SA	0649	CLR	20			109	44	35	25	02		986	122 1570	MR
SA	0749	CLR	20			108	47	36	25	04		987	FEW SC AC	MR
SA	0845	CLR	20			112	51	36	21	07		988	FEW SC AC	MR
SA	0948	40 SCT 60 SCT 100 SCT	20			116	54	35	20	06		990	312 1870 39	MR
SA	1046	45 SCT 60 SCT 100 SCT	20			115	56	33	17	05		990		MR
SA	1146	E55 BKN 75 BKN	20			112	57	32	22	04		990		MR
SA	1244	60 SCT 80 SCT	20			106	60	31	30	07		988	807 1800	MR
SA	1344	E60 BKN 80 BKN	20			109	60	32	05	06		988		MR
SA	1450	E60 BKN 90 BKN	20			107	62	33	16	07		988		MR
SA	1544	E60 BKN	20			113	61	30	36	06		990	305 1100 63 RADAT 67085	CG
SA	1650	60 SCT	20			113	61	31	12	05		990		CG
SA	1747	CLR	20			124	57	35	06	04		992		CG
SA	1851	CLR	20			130	54	36	06	07		994	314	CG
SA	1948	CLR	20			142	51	35	04	04		997		CG
SA	2048	CLR	20			148	51	35	03	05		999		CG
SA	2146	CLR	20			149	52	34	04	08		001	120 63	CG
SA	2245	CLR	20			149	49	35	06	03		001		CG
SA	2345	CLR	20			153	49	34	07	06		002		CG

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 47	26.400	43.3	40.5	80	2	2	SC	45												2	2	.020			00-01
01 49	26.400	42.2	40.0	83	0															0					01-02
02 50	26.400	42.6	40.0	81	0															0					02-03
03 49	26.405	40.6	39.3	90	0	0	SC	50												0	3	.005			03-04
04 44	26.430	40.0	38.9	92	0															0					04-05
05 45	26.455	38.8	38.0	94	0															0					05-06
06 49	26.470	43.5	39.7	73	0	0	SC	50	0	AC	100	0								0	1	.065			06-07
07 49	26.475	47.0	41.7	65	0															0					07-08
08 45	26.490	51.0	43.6	56	0															0					08-09
09 48	26.505	54.0	44.8	49	1	1	CU	40	0	SC	60	1	0	AC	100	1				1	3	.035			09-10
10 46	26.505	56.2	45.1	42	4															4					10-11
11 46	26.500	57.1	44.9	38	6															6					11-12
12 44	26.485	60.0	46.2	34	5	4	CU	60	1	SC	80	5								5	8	.020			12-13
13 44	26.490	60.1	46.4	34	6															6					13-14
14 50	26.490	62.1	47.6	33	8															8					14-15
15 49	26.500	60.5	46.0	31	6	6	CU	60												6	3	.015			15-16
16 50	26.500	60.8	46.5	32	2															2					16-17
17 47	26.520	57.2	46.0	42	0															0					17-18
18 51	26.540	54.0	45.0	50	0															0	3	.040			18-19
19 48	26.570	51.4	43.3	52	0															0					19-20
20 48	26.590	51.0	43.2	54	0															0					20-21
21 46	26.600	51.5	43.3	52	0															0	1	.060			21-22
22 45	26.600	48.7	42.0	58	0															0					22-23
23 45	26.610	49.1	42.0	56	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	45	40	X	X						X		
	0342	1	0	0	0	45	40		1								
	0943	2	0	0	0	55	39		1								
	1544	3	0	0	0	63	54		0								
	2144	4	0	0	0	61	51		0								
	MID.	X	0	0	0	52	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.405	26.505	26.600	26.600
BAROGRAPH 64	26.415	26.510	26.500	26.600
BAR. CORR. 65	-.010	-.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 UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	39	0	0	0	14	SW	1443					3	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0452P ±2 Sec./ 1905 ±2 Sec./ ± Sec.