WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NEVADA
MONTH: DECEMBER
YEAR: 1988

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	WIND AVERAGE SPEED KNOTS	PEAK SPEED KNOTS	DIRECTION	SUNSHINE AVG STATION PRES (INS)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	R H 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	64	39	52		13					8.9	23	SE	26.89		3		32	22	17	41
2	63	35	49		16					5.1	18	SE	26.85		0		45	23	19	39
3	63	37	50		15					6.0	16	NE	26.91		10		47	22	20	30
4	61	38	50		15					8.0	19	E	26.94		9		32	22	20	35
5	67	38	53		12					8.8	20	NE	26.89		3		31	22	16	21
6	66	40	53		12					7.1	21	NE	26.80		9		29	18	14	31
7	58	43	51		14					15.9	37	NE	26.66		1		35	35	24	37
8	58	41	50		15					14.1	32	NE	26.83		0		41	29	18	30
9	59	38	49		16					12.4	23	E	26.77		2		29	16	9	22
10	64	40	52		13					8.7	21	NE	26.74		0		45	41	29	43
11	67	33	50		15					7.7	20	N	26.89		1		52	28	16	25
12	72	41	57		8					6.2	18	E	26.88		0		34	17	14	29
13	68	38	53		12					4.4	14	SW	26.70		2		42	21	18	31
14	65	34	50		15					11.6	53	NE	26.50		0		42	23	17	29
15	47	34	41		24					13.2	28	NE	26.65		8		40	46	40	53
16	56	35	46		19					9.7	20	E	26.80		0		52	34	28	44
17	58	34	46		19					6.8	17	SW	26.79		0		48	32	39	67
18	50	31	41		24		.01			6.8	23	W	26.58		6	RW	82	54	51	59
19	46	31	39		26		T			5.5	16	W	26.55		8	RW	83	71	51	73
20	51	25	38		27					7.7	34	SW	26.61		8		85	64	51	52
21	50	32	41		24		.10	.1		12.5	45	SW	26.57		2	SW RW	71	64	29	67
22	50	23	42		23		.06	T		9.9	37	SW	26.60		6	SW RW	85	69	31	63
23	48	29	39		26					8.2	33	NW	26.71		5		42	31	48	54
24	47	28	38		27					10.2	37	SW	26.44		10		75	48	60	65
25	45	29	37		28					12.8	46	S	26.35		3		49	39	20	35
26	38	19	29		36					8.3	23	N	26.67		0		57	36	29	46
27	36	17	27		38					7.4	18	SE	26.72		3		45	37	28	43
28	37	23	30		35		.04	.4		10.2	20	NE	26.70		7	SW	85	72	52	48
29	40	21	31		34					11.9	27	NE	26.85		0		57	37	27	39
30	46	19	33		32					5.0	17	SE	26.70		3		57	34	23	41
31	43	23	33		32		T	T		8.4	25	SE	26.59		10	SW	55	37	36	75
SUM	1683	988	—	—	665		0.21	0.5	—	279.4	—	—	828.12	—	119	—	1604	1144	894	1367
AVG	54.3	31.9	—	—	—	—	—	—	—	9.0	FASTEST	DIRECTION	POSSIBLE	%		—	51.7	36.9	28.8	44.1
										MISC. →	53	NE	26.71		3.8	—				

TEMPERATURE DATA

AVERAGE MONTHLY 43.1
DEPARTURE FROM NORMAL -0.6
HIGHEST 72 ON 12
LOWEST 17 ON 27

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 14
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 665
DEPARTURE FROM NORMAL +13
SEASONAL TOTAL 1077
DEPARTURE FROM NORMAL -154

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 0
DEPARTURE FROM NORMAL 0
SEASONAL TOTAL 2367
DEPARTURE FROM NORMAL +266

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.21 IN.
DEPARTURE FROM NORMAL -0.35 IN.
GREATEST IN 24 HRS. 0.10 ON 21

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0.5 IN.
GREATEST IN 24 HRS. 0.4 ON 28
GREATEST DEPTH ON GROUND — ON —

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 19
PARTLY CLOUDY (Scale 4–7) 4
CLOUDY (Scale 8–10) 8
WITH 0.01 INCH OR MORE PRECIP. 4
WITH 0.10 INCH OR MORE PRECIP. 1
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

T = thunderstorm
R = rain
RW = rain shower
S = snow
SW = snow shower
F = fog

MAXIMUM PRECIPITATION

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

HIGHEST STATION 26.98 IN. ON 4
LOWEST STATION 26.23 IN. ON 25

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

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

(5-83)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

WMO/DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE DEC 1 1988

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			280	48	18	03	12		039	607	CH
SA	0150	CLR	20			278	45	17	03	12		038		CH
SA	0250	CLR	20			270	45	17	04	17		036		CH
SA	0355	CLR	20			267	45	17	05	13		035	714 41 RADAT 20119	MR
SA	0451	CLR	20			272	42	16	05	04		035		MR
SA	0550	CLR	20			278	44	15	05	07		037		MR
SA	0652	250 - SCT	20			284	42	16	04	07		038	308 1006	MR
SA	0750	250 - SCT	20			284	49	17	05	13		038		MR
SA	0855	250 - BKN	20			281	53	17	03	10		038		MR
SA	0956	250 - OVC	20			280	55	17	11	06		038	102 1007 41	MR
SA	1057	250 - OVC	20			257	59	16	11	12		033		MR
SA	1152	250 - SCT	20			251	61	15	12	14		030		MR
SA	1252	CLR	20			244	62	15	13	15		029	629 1001	MR
SA	1354	CLR	20			237	63	16	12	13		027	C1 SE	MR
SA	1453	CLR	20			235	63	16	12	13		026	C1 E	MR
SA	1550	CLR	20			232	61	16	13	15		025	712 1001 64 RADAT 20124	CH
SA	1650	CLR	20			241	56	16	00	00		026		CH
SA	1750	CLR	20			246	51	12	12	10		027		CH
SA	1850	CLR	20			253	50	12	11	12		028	210	CH
SA	1950	CLR	20			253	49	16	00	00		029		CH
SA	2050	CLR	20			256	45	18	00	00		030		CH
SA	2150	CLR	20			257	40	18	07	04		030	107 64	CH
SA	2250	CLR	20			256	40	18	01	05		030		CH
SA	2350	CLR	20			254	40	18	00	00		030		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE DEC 1 1988

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	26.950			30	0															0	6	.020			00-01
01 50	26.940			32	0															0					01-02
02 50	26.920			32	0															0					02-03
03 55	26.910			32	0															0	7	.040			03-04
04 51	26.910			35	0															0					04-05
05 50	26.925			30	0															0					05-06
06 52	26.935			34	4	4	Cs	250												0	3	.025			06-07
07 50	26.940			27	1															0					07-08
08 55	26.940			24	7															1					08-09
09 56	26.940			22	10	10	Cs	250												2	1	.005			09-10
10 57	26.890			18	10															2					10-11
11 52	26.870			17	1															0					11-12
12 52	26.855			16	0	0	Ci	250												0	6	.085			12-13
13 54	26.835			16	0															0					13-14
14 53	26.830			15	0															0					14-15
15 50	26.820			17	0	0	Ci	250												0	7	.035			15-16
16 50	26.830			20	0															0					16-17
17 50	26.840			21	0															0					17-18
18 50	26.850			22	0															0	2	.030			18-19
19 50	26.860			27	0															0					19-20
20 50	26.870			34	0															0					20-21
21 50	26.870			41	0															0	1	.020			21-22
22 50	26.870			41	0															0					22-23
23 50	26.870			41	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 0351	X	0	0	X	49	41	X	X						X		
	0351	1	0	0	0	50	41		0								
	0953	2	0	0	0	56	41		0								
	1548	3	0	0	0	64	55		0								
	2148	4	0	0	0	61	39		0								
	MID.	X	0	0	0	46	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0956	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.910	26.940	26.820	26.870
BAROGRAPH 64	26.915	26.940	26.820	26.870
BAR. CORR. 65	-.005	0*	± 0	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 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	39	0	0	0	23	SE	1538					3	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0637 SUNSET 1629

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 CORRECT TO NEAREST MINUTE AT: 1035 / 1555 /

* BAROGRAPH CHANGED AND RESET TO ZERO CORR

SUPERSEDES MF1 TOP (1-82 and 10-83) WHICH MAY BE USED.

MF 1-10A
(5-83)

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

NELLIS, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE DEC 2 1988

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 (100-36H) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			253	41	18	00	00		030	400	CH
SA	0150	CLR	20			249	41	18	00	00		029		CH
SA	0250	CLR	20			249	41	18	00	00		029		CH
SA	0351	CLR	20			248	37	18	32	03		028	707 3X5 RADAT 20119	MR
SA	0452	CLR	20			252	38	18	35	02		029		MR
SA	0551	CLR	20			258	36	18	34	04		029		MR
SA	0655	CLR	20			262	38	19	00	00		030	307	MR
SA	0752	CLR	20			261	44	19	31	05		031		MR
SA	0852	CLR	20			264	52	20	31	03		033		MR
SA	0953	CLR	20			264	57	20	11	02		033	107 35	MR
SA	1053	CLR	20			255	59	19	10	05		030		MR
SA	1152	CLR	20			244	61	19	14	08		028		MR
SA	1253	CLR	20			234	62	19	15	12		025	824 1005	MR
SA	1350	CLR	20			226	63	19	13	14		023		MR
SA	1452	CLR	20			226	62	19	13	15		023		MR
SA	1550	CLR	20			230	60	18	13	12		023	607 63 RADAT 20117	CH
SA	1650	CLR	20			240	54	18	12	08		025		CH
SA	1750	CLR	20			248	50	17	11	06		026		CH
SA	1850	CLR	20			250	49	19	11	05		027	214	CH
SA	1950	CLR	20			255	44	19	33	04		028		CH
SA	2050	CLR	20			261	44	19	05	05		032		CH
SA	2150	CLR	20			263	42	19	05	05		033	217 63	CH
SA	2250	CLR	20			262	42	19	00	00		033		CH
SA	2350	CLR	20			262	40	19	30	04		033		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S. GPO: 1984-0-764-006/6095

SURFACE WEATHER OBSERVATIONS

DATE DEC 2 1988

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	26.870			39	0															0	4	.000			00-01
01 50	26.860			39	0															0					01-02
02 50	26.860			39	0															0					02-03
03 54	26.850			45	0															0	7	.020			03-04
04 52	26.855			44	0															0					04-05
05 51	26.860			47	0															0					05-06
06 55	26.870			45	0															0	3	.020			06-07
07 52	26.875			37	0															0					07-08
08 52	26.890			28	0															0					08-09
09 53	26.890			23	0															0	1	.020			09-10
10 53	26.870			21	0															0					10-11
11 52	26.845			20	0															0					11-12
12 53	26.820			19	0	0	CI	250												0	8	.070			12-13
13 50	26.800			18	0															0					13-14
14 52	26.800			18	0															0					14-15
15 50	26.800			19	0															0	6	.020			15-16
16 50	26.820			24	0															0					16-17
17 50	26.830			27	0															0					17-18
18 50	26.840			30	0															0	2	.040			18-19
19 50	26.850			37	0															0					19-20
20 50	26.880			37	0															0					20-21
21 50	26.890			39	0															0	2	.050			21-22
22 50	26.890			39	0															0					22-23
23 50	26.890			43	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		45	35										
	0351	1	0	0	0	46	35		0								
	0949	2	0	0	0	57	35		0								
	1548	3	0	0	0	63	57		0								
	2148	4	0	0	0	60	40		0								
	MID.		0	0	0	45	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.850	26.890	26.800	26.890
BAROGRAPH 64	26.870	26.895	26.810	26.890
BAR. CORR. 65	-.020	-.005	-.010	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	35	0	0	0	18	SE	1502					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 0638 SUNSET 1628

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10454 11700 /

(5-83)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

VEGAS, DESERT ROCK NEVADA

DATE DEC 3 1988

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			263	37	19	00	00		033	400	CH
SA	0150	CLR	20			265	40	19	12	04		034		CH
SA	0250	CLR	20			261	42	19	00	00		033		CH
SA	0353	E250 OVC	20			259	39	20	12	05		032	803 1004 37 RADAT 20123	MR
SA	0452	250 -OVC	20			262	40	18	25	02		032		MR
SA	0555	250 -OVC	20			269	40	18	10	08		033		MR
SA	0652	250 -OVC	20			275	41	18	08	03		035	308 1001	MR
SA	0751	250 -OVC	20			279	48	19	01	05		036		MR
SA	0853	250 -OVC	20			280	53	19	04	12		037		MR
SA	0952	250 -OVC	20			283	56	18	05	09		038	212 1007 37	MR
SA	1054	250 -OVC	20			275	60	19	03	06		037		MR
SA	1151	E250 OVC	20			265	61	19	14	06		034		MR
SA	1252	E250 OVC	20			261	63	19	14	07		033	719 1002	MR
SA	1354	E250 OVC	20			258	62	18	13	09		032		MR
SA	1453	E250 OVC	20			258	61	18	14	09		033		MR
SA	1550	E220 OVC	20			264	59	18	12	08		033	302 1007 63 RADAT 20119	CH
SA	1650	E220 OVC	20			268	57	18	11	07		034		CH
SA	1750	E220 OVC	20			280	51	18	06	06		036		CH
SA	1850	E220 OVC	20			288	48	18	27	05		038	317 1007	CH
SA	1950	E220 OVC	20			285	48	18	12	07		038		CH
SA	2050	E220 OVC	20			285	48	18	10	06		039		CH
SA	2150	220-OVC	20			284	48	18	10	05		039	103 1007 63	CH
SA	2250	220-OVC	20			281	48	18	04	07		039		CH
SA	2350	220-OVC	20			277	47	18	04	08		038		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S. GPO:1984-0-764-006/6095

SURFACE WEATHER OBSERVATIONS

DATE DEC 3 1988

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	26.890			48	0															0	4	.000			00-01
01 50	26.900			43	0															0					01-02
02 50	26.890			39	0															0					02-03
03 53	26.880			47	10	10	CI	E250												6	8	.010			03-04
04 52	26.880			40	10															4					04-05
05 55	26.890			40	10															3					05-06
06 52	26.905			40	10	10	CI	250												3	3	.025			06-07
07 51	26.920			31	10															3					07-08
08 53	26.930			25	10															4					08-09
09 52	26.940			22	10	10	CS	250												4	2	.035			09-10
10 54	26.925			20	10															5					10-11
11 51	26.900			19	10															6					11-12
12 52	26.885			18	10	10	CI	E250												6	7	.055			12-13
13 54	26.880			18	10															8					13-14
14 53	26.885			19	10															9					14-15
15 50	26.890			20	10	10	CS	E220												10	3	.005			15-16
16 50	26.900			22	10															10					16-17
17 50	26.920			27	10															10					17-18
18 50	26.940			30	10	10	CS	E220												10	3	.050			18-19
19 50	26.940			30	10															10					19-20
20 50	26.950			30	10															7					20-21
21 50	26.950			30	10	10	CS	220												4	1	.010			21-22
22 50	26.950			30	10															4					22-23
23 50	26.940			31	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 0351		0	0		45	37										
	0351	1	0	0	0	45	37		0								
	0950	2	0	0	0	57	38		0								
	1548	3	0	0	0	63	56		0								
	2148	4	0	0	0	59	46		0								
	MID.		0	0	0	50	45										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.940	26.890	26.950
BAROGRAPH 64	26.890	26.935	26.890	26.940
BAR. CORR. 65	-.010	+.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
63	37	0	0	0	16	NE	0858					10	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0639 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: 10454 / 1810 /

(5-83)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE DEC 4 1988

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	220-OVC	20			278	45	18	12	06		039	500 1007	CH
SA	0150	220-OVC	20			285	45	18	16	04		040		CH
SA	0250	220-OVC	20			286	44	18	00	00		040		CH
SA	0350	220-OVC	20			283	46	18	09	08		039	000 1007 43 RADAT 20117	AD
SA	0450	220-OVC	20			284	46	17	05	10		039		AD
SA	0550	220-OVC	20			288	45	18	05	11		039		AD
SA	0650	E220 BKN	20			300	43	18	11	07		042	307 1002	AD
SA	0750	220-BKN	20			298	51	18	04	10		043		AD
SA	0850	220-BKN	20			296	53	18	03	11		043		AD
SA	0950	220-BKN	20			291	56	18	04	12		042	000 1007 42	AD
SA	1050	E220 BKN	20			286	58	18	11	14		040		AD
SA	1150	E220 BKN	20			282	58	18	13	10		039		AD
SA	1250	E220 OVC	20			276	60	18	13	11		037	714 1002	AD
SA	1350	E220 OVC	20			266	61	18	12	12		035		AD
SA	1450	E220 OVC	20			268	60	17	12	12		035		AD
SA	1553	E220 ~~OVC~~ BKN	20			265	58	17	12	10		034	710 1002 61	EP
SA	1650	E220 BKN	20			266	55	18	12	09		034	RADAT 20116	EP
SA	1754	220-SCT	20			267	53	18	10	09		034		EP
SA	1852	CLR	20			272	46	18	31	04		034	400	EP
SA	1955	CLR	20			276	45	18	00	00		036		EP
SA	2053	CLR	20			284	44	18	13	04		038		EP
SA	2154	CLR	20			278	44	18	08	05		037	010 61	EP
SA	2252	CLR	20			278	41	18	05	06		037		EP
SA	2352	CLR	20			284	38	18	01	08		038		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE DEC 4 1988

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	26.950			34	10	10	CS	220												3	5	.000			00-01
01 50	26.960			34	10															3					01-02
02 50	26.960			35	10															3					02-03
03 50	26.950			32	10	10	CS	220												4	0	.000			03-04
04 50	26.950			31	10															4					04-05
05 50	26.950			34	10															4					05-06
06 50	26.970			36	7	7	CI	220												4	3	.020			06-07
07 50	26.980			27	8															4					07-08
08 50	26.980			25	8															3					08-09
09 50	26.970			22	7	7	CI	220												3	0	.000			09-10
10 50	26.960			21	9															7					10-11
11 50	26.950			21	9															8					11-12
12 50	26.930			19	10	10	CI	E220												9	7	.040			12-13
13 50	26.910			19	10															9					13-14
14 50	26.910			19	10															8					14-15
15 53	26.900			20	8	8	CI	E220												7	7	.030			15-16
16 50	26.900			23	8															5					16-17
17 54	26.900			25	2															0					17-18
18 52	26.900			32	0															0	4	.000			18-19
19 55	26.920			34	0															0					19-20
20 53	26.940			35	0															0					20-21
21 54	26.930			35	0															0	0	.030			21-22
22 52	26.930			39	0															0					22-23
23 52	26.940			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 0250		0	0		49	43										
	0350	1	0	0	0	50	43		0								
	0950	2	0	0	0	56	42		0								
	1550	3	0	0	0	61	56		0								
	2151	4	0	0	0	58	42		0								
	MID.		0	0	0	45	38										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.950	26.970	26.900	26.930
BAROGRAPH 64	26.960	26.980	26.920	26.950
BAR. CORR. 65	-.010	-.010	-.020	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNREL TO (Ins.) 69	4/44 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
61	38	0	0	0	19	E	0713					9	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 0640 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: / 0400 / 2035 /

(5-83)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE DEC. 5, 1988

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	0052	CLR	20			272	43	18	04	11		036	803	EP
SA	0152	CLR	20			275	44	18	04	09		037		EP
SA	0250	CLR	20			275	46	17	05	09		037		EP
SA	0350	CLR	20			271	47	18	03	14		036	000 38 RADAT 21111	AD
SA	0450	CLR	20			275	45	17	03	11		036		AD
SA	0550	CLR	20			280	44	18	05	09		037		AD
SA	0650	250 -SCT	20			285	47	18	05	08		038	307 1001	AD
SA	0750	250 -SCT	20			288	50	18	06	12		039		AD
SA	0850	250 -SCT	20			280	51	17	03	14		037		AD
SA	0950	250 -SCT	20			271	56	18	03	12		035	810 1001 38	AD
SA	1050	250 -SCT	20			261	60	18	01	08		033		AD
SA	1150	250 -SCT	20			256	62	18	04	06		030		AD
SA	1250	250 -SCT	20			243	65	18	21	03		028	720 1001	AD
SA	1350	250-SCT	20			238	66	18	05	03		027		AD
SA	1450	250-SCT	20			237	66	17	12	03		027		AD
SA	1553	250 SCT	20			236	64	17	14	07		027	603 1001 67 RADAT 37114	EP
SA	1651	250-SCT	20			241	59	16	10	10		027		EP
SA	1753	CLR	20			257	50	16	00	00		030		EP
SA	1851	CLR	20			261	49	16	05	11		032	314	EP
SA	1954	CLR	20			259	50	14	05	13		032		EP
SA	2050	CLR	20			261	52	14	03	11		033		EP
SA	2150	CLR	20			258	52	13	05	12		033	103 67	EP
SA	2255	CLR	20			248	53	15	02	11		030		EP
SA	2353	CLR	20			252	49	14	11	04		032		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: $IIiii\ i_R i_x hVV\ Nddff\ 1s_nTTT\ 2s_nT_dT_dT_d\ 3P_oP_oP_oP_o\ 4PPPP\ 5appp\ 6RRRt_R\ 7wwW_1W_2\ 8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S. GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE DEC 5, 1988

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.920			36	0															0	8	.010			00-01
01 52	26.930			35	0															0					01-02
02 50	26.930			31	0															0					02-03
03 50	26.920			31	0															0	0	.000			03-04
04 50	26.920			32	0															0					04-05
05 50	26.930			35	0															0					05-06
06 50	26.940			31	1	1	CI	250												0	3	.020			06-07
07 50	26.950			28	2															0					07-08
08 50	26.930			26	3															0					08-09
09 50	26.910			22	3	3	CI	250												0	8	.030			09-10
10 50	26.890			19	5															0					10-11
11 50	26.870			18	5															0					11-12
12 50	26.850			16	3	3	CI	250												0	7	.060			12-13
13 50	26.840			16	3															0					13-14
14 50	26.840			15	3															0					14-15
15 53	26.840			16	2	2	CI	250												2	6	.010			15-16
16 51	26.840			18	1															0					16-17
17 53	26.870			26	0															0					17-18
18 51	26.880			27	0															0	3	.040			18-19
19 54	26.880			24	0															0					19-20
20 50	26.890			22	0															0					20-21
21 50	26.890			21	0															0	1	.010			21-22
22 55	26.870			22	0															0					22-23
23 53	26.880			24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	48	38	X	X						X		
	0350	1	0	0	0	48	38		0								
	0950	2	0	0	0	56	42		0								
	1550	3	0	0	0	67	56		0								
	2147	4	0	0	0	64	49		0								
	MID.	X	0	0	0	53	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.920	26.910	26.840	26.890
BAROGRAPH 64	26.930	26.930	26.840	26.890
BAR. CORR. 65	-.010	-.020	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	4 AM 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
67	38	0	0	0	20	NE	0858					3	1		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0641 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: / 0400 / 2035 /

* CHANGED MICRO BAROGRAPH 0958

MF 1-10A
(5-83)

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

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE DEC. 6, 1988

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	0053	CLR	20			251	50	15	03	19		032	503	EP
SA	0152	CLR	20			250	50	16	11	05		032		EP
SA	0250	CLR	20			252	46	16	06	12		032		EP
SA	0350	CLR	20			253	44	14	12	11		032	400 44 RADAT 20127	AD
SA	0450	CLR	20			257	43	15	05	05		032		AD
SA	0550	CLR	20			259	43	14	06	03		030		AD
SA	0650	250 - SCT	20			265	47	15	06	14		033	303 1001	AD
SA	0750	E250 BKN	20			265	51	16	23	03		034		AD
SA	0850	250 - OVC	20			255	55	16	11	05		032		AD
SA	0950	250 - OVC	20			253	58	15	04	13		032	803 1001 40	AD
SA	1050	E250 OVC	20			244	61	13	02	10		029		AD
SA	1150	E250 OVC	20			230	63	13	01	11		025		AD
SA	1250	E250 OVC	20			213	65	12	27	03		020	834 1002	AD
SA	1350	E250 OVC	20			201	63	12	22	11		017		AD
SA	1450	E250 OVC	20			205	62	12	23	11		017		AD
SA	1551	250 - OVC	20			199	61	12	22	06		015	817 1001 66 RADAT 22122	EP
SA	1651	250 - OVC	20			194	57	12	00	00		013		EP
SA	1753	250 - BKN	20			195	49	15	02	05		012		EP
SA	1852	250 - SCT	20			196	48	15	00	00		013	507 1001	EP
SA	1951	250 - SCT	20			193	45	14	07	06		012		EP
SA	2052	CLR	20			190	44	14	04	10		012		EP
SA	2154	CLR	20			196	43	14	04	03		014	303 1001 66	EP
SA	2250	CLR	20			196	41	15	08	04		014		EP
SA	2352	CLR	20			190	45	16	00	00		013		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x h$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 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S. GPO 1984-0-754-006/8085

SURFACE WEATHER OBSERVATIONS

DATE DEC. 6, 1988

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 53	26.880			25	0															0	5	.010			00-01
01 52	26.880			26	0															0					01-02
02 50	26.880			30	0															0					02-03
03 50	26.880			29	0															0	4	.000			03-04
04 50	26.880			32	0															0					04-05
05 50	26.870			31	0															0					05-06
06 50	26.890			27	4	4	Ci	250												1	3	.010			06-07
07 50	26.900			25	8															5					07-08
08 50	26.880			21	10															5					08-09
09 50	26.880			18	10	10	Ci	250												5	8	.010			09-10
10 50	26.860			15	10															8					10-11
11 50	26.820			14	10															9					11-12
12 50	26.780			12	10	10	Ci	E250												7	8	.100			12-13
13 50	26.750			13	10															8					13-14
14 50	26.750			14	10															10					14-15
15 51	26.730			14	10	10	Ci	250												5	8	.050			15-16
16 51	26.710			17	10															5					16-17
17 53	26.700			25	8															2					17-18
18 52	26.710			26	4	4	Ci	250												1	5	.020			18-19
19 51	26.700			28	2															0					19-20
20 52	26.700			29	0															0					20-21
21 54	26.720			31	0	0	Ci	250												0	3	010			21-22
22 50	26.720			34	0															0					22-23
23 52	26.710			31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	52	44	X	X						X		
	0350	1	0	0	0	53	44		0								
	0950	2	0	0	0	58	40		0								
	1547	3	0	0	0	66	58		0								
	2151	4	0	0	0	61	43		0								
	MID.	X	0	0	0	47	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1548	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.880	26.730	26.720
BAROGRAPH 64	26.880	26.890	26.720	26.720
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 TO (Ins.) 69	4AM 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	40	0	0	0	21	NE	0935					9	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0641 SUNSET 1628

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0400 / 2030 / /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 7, 1988

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	0052	CLR	20			180	51	16	04	15		012	807	EP
SA	0150	CLR	20			185	47	20	06	11		012		EP
SA	0250	CLR	20			185	47	18	05	10		012		EP
SA	0350	CLR	20			178	47	21	04	12G21		009	807 481 RADAT 35081	Dca
SA	0454	CLR	20			176	47	22	04	16G26		008		Dca
SA	0553	CLR	20			181	47	24	04	17G26		008		Dca
SA	0654	250-SCT	20			190	45	24	07	13		011	303 1001	Dca
SA	0751	CLR	20			194	47	25	06	13G21		012	SC SE CI SW	Dca
SA	0852	CLR	20			191	50	26	05	15		012	SC SE	Dca
SA	0950	CLR	20			193	52	25	05	18G29		012	SC SE-SW/103 1500 481	Dca
SA	1054	CLR	20			176	53	24	02	18G30		007	SC ALQDS	Dca
SA	1150	60 SCT	20			164	56	23	01	19G28		004		Dca
SA	1253	60SCT	20			148	57	22	36	22G33		001	734 1100	Dca
SA	1350	60SCT	20		146	157	57	22	36	20G29		000		Dca
SA	1450	60SCT	20		146	157	57	20	03	25G34		000		Dca
SA	1550	80 SCT	20			146	55	19	03	15G32		000	603 1100 58 RADAT 43075	JS
SA	1655	80 SCT	20			152	53	21	02	19G29		001		JS
SA	1753	CLR	20			157	52	21	03	24G37		003	SC SE PK WND 0337/43	JS
SA	1854	CLR	20			167	50	21	03	14G24		005	315	JS
SA	1953	CLR	20			175	49	22	04	15G25		007		JS
SA	2053	CLR	20			181	48	22	03	15G25		009		JS
SA	2153	CLR	20			186	47	22	03	15G23		011	219 58	JS
SA	2254	CLR	20			191	45	22	05	10		012		JS
SA	2355	CLR	20			191	45	22	04	10		013		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE — DESERT ROCK INSTALL.

SURFACE WEATHER OBSERVATIONS

DATE DEC. 7 1988

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	26.700			25	0															0	8	.020			00-01
01 50	26.700			34	0															0					01-02
02 50	26.700			31	0															0					02-03
03 50	26.680			35	0															0	8	.020			03-04
04 54	26.670			37	0															0					04-05
05 53	26.670			40	0															0					05-06
06 54	26.690			43	2	2	Ci	250												0	3	.010			06-07
07 51	26.700			42	0															0					07-08
08 52	26.700			39	0															0					08-09
09 50	26.700			35	0	0	Sc	60												0	1	.010			09-10
10 54	26.660			32	0															0					10-11
11 50	26.630			28	1															1					11-12
12 53	26.600			26	2	2	Cu	60												2	7	.100			12-13
13 50	26.590			26	2															2					13-14
14 50	26.590			23	2															2					14-15
15 50	26.590			24	2	2	Cu	80												2	6	.010			15-16
16 55	26.600			28	1															1					16-17
17 53	26.615			30	0															0					17-18
18 54	26.635			32	0															0	3	.045			18-19
19 53	26.655			35	0															0					19-20
20 53	26.675			36	0															0					20-21
21 53	26.690			37	0															0	2	.055			21-22
22 54	26.700			40	0															0					22-23
23 55	26.705			39	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	51	43	X	X						X		
	0348	1	0	0	0	51	41		0								
	0948	2	0	0	0	52	45		0								
	1548	3	0	0	0	58	52		0								
	2150	4	0	0	0	55	47		0								
	MID.	X	0	0	0	47	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.700	26.580	26.690
BAROGRAPH 64	26.680	26.690	26.580	26.680
BAR. CORR. 65	0	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	4AM 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
58	43	0	0	0	37	NE	1743	H				1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0642 SUNSET 1628

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040P / 2012P /

H / LAST OF Several Occurrences

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 08 [illegible]

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			198	45	21	06	10		015	3 7/2	JS
SA	0154	CLR	20			205	44	22	05	16		016		JS
SA	0250	CLR	20			205	44	21	04	12G19		016		JS
SA	0350	CLR	20			219	42	20	07	12		019	315 42 RADAT 45066	[illegible]
SA	0454	CLR	20			223	43	20	04	16G25		020		[illegible]
SA	0551	CLR	20			231	43	20	04	18G25		023	SC E	[illegible]
SA	0650	CLR	20			248	41	20	10	07		026	SC E-S/324 1500	[illegible]
SA	0752	CLR	20			259	44	20	03	14		030	SC SE-S	[illegible]
SA	0850	CLR	20			258	46	20	04	16G23		030	SC SE	[illegible]
SA	0950	CLR	20			261	50	19	04	17		032	SC SE-SW/314 1501 41	[illegible]
SA	1051	CLR	20			252	54	18	04	19G26		029	SML SC S	[illegible]
SA	1155	CLR	20			245	56	18	02	15G23		025	SML SC S	[illegible]
SA	1250	CLR	20		227	237	57	17	04	20G29		023	727	[illegible]
SA	1351	CLR	20		227	237	57	17	06	23G31		023		[illegible]
SA	1452	CLR	20			230	57	15	04	16G25		024		[illegible]
SA	1555	CLR	20			236	56	14	06	13G20		025	307 58 RADAT 34078	JS
SA	1652	CLR	20			242	53	13	07	07		026		JS
SA	1750	CLR	20			255	47	14	07	09		029		JS
SA	1854	CLR	20			255	50	14	05	13		029	114	JS
SA	1955	CLR	20			264	48	13	05	11		031		JS
SA	2052	CLR	20			266	47	13	06	12		033		JS
SA	2152	CLR	20			272	45	16	07	12		034	214 58	JS
SA	2250	CLR	20			268	46	15	06	15G22		034		JS
SA	2353	CLR	20			264	44	15	05	15		033		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WEMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE DEC 08 1988

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	26.725			38	0															0	7	.035			00-01
01 54	26.740			40	0															0					01-02
02 50	26.740			40	0															0					02-03
03 50	26.770			41	0															0	3	.045			03-04
04 54	26.780			40	0															0					04-05
05 51	26.800			40	0															0					05-06
06 50	26.840			42	0	0	Sc	60												0	3	.070			06-07
07 52	26.870			38	0															0					07-08
08 50	26.870			35	0															0					08-09
09 50	26.880			29	0	0	Sc	60	0	Ci	250	0								0	3	.040			09-10
10 51	26.860			24	0															0					10-11
11 55	26.820			23	0															0					11-12
12 50	26.800			21	0															0	7	.080			12-13
13 51	26.800			21	0															0					13-14
14 52	26.810			19	0															0					14-15
15 55	26.820			18	0															0	3	.020			15-16
16 52	26.830			20	0															0					16-17
17 50	26.855			26	0															0					17-18
18 54	26.860			23	0															0	1	.040			18-19
19 55	26.875			24	0															0					19-20
20 52	26.885			25	0															0					20-21
21 52	26.900			30	0															0	2	.040			21-22
22 50	26.900			29	0															0					22-23
23 53	26.890			31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	45	42	X	X						X		
	0348	1	0	0	0	47	42		0								
	0948	2	0	0	0	50	41		0								
	1550	3	0	0	0	58	50		0								
	2149	4	0	0	0	56	45		0								
	MID.	X	0	0	0	47	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.770	26.880	26.820	26.900
BAROGRAPH 64	26.765	26.875	26.820	26.885
BAR. CORR. 65	+.005	+.005	±0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	04AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	41	0	0	0	31	NE	1344 L					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 0643 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: 10444 / 18572 /

L/ LAST OF Several Occurrences

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: DEC 09 1988

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			267	42	14	08	12		034	500	JS
SA	0151	CLR	20			264	42	12	04	13		033		JS
SA	0250	CLR	20			256	42	12	05	10		031		JS
SA	0351	CLR	20		254	247	40	10	03	14		029	814 38 RADAT 26079	Dca
SA	0455	CLR	20			248	40	07	03	14		027		Dca
SA	0550	CLR	20			250	40	08	05	14		027		Dca
SA	0650	CLR	20			249	42	08	05	16		027	607 1001	Dca
SA	0752	250-BKN	20			252	45	07	04	15		028		Dca
SA	0850	250-SCT	20			245	51	05	06	11		027		Dca
SA	0950	250-SCT	20			246	52	07	03	11		027	000 1001 38	Dca
SA	1050	CLR	20			228	56	2	08	13		023	Ci ALQDS	Dca
SA	1151	CLR	20			216	57	1	09	12		019	Ci ALQDS	Dca
SA	1250	250-SCT	20			202	58	1	10	16		015	737 1001	Dca
SA	1350	250-SCT	20			190	59	3	11	16		012		Dca
SA	1451	250-SCT	20			182	59	2	11	15		009		Dca
SA	1552	250 SCT	20			182	57	-2	12	10G19		009	619 1008 59 RADAT	JS
													29110	
SA	1651	250 SCT	20			183	55	1	09	13		009		JS
SA	1753	CLR	20			183	55	3	08	12		009		JS
SA	1851	CLR	20			190	49	6	05	13		010	303	JS
SA	1950	CLR	20			188	49	8	05	11		011		JS
SA	2054	CLR	20			191	50	10	00	00		013		JS
SA	2153	CLR	20			194	48	11	06	10		013	208 59	JS
SA	2250	250-SCT	20			195	49	16	03	12		014		JS
SA	2352	250 SCT	20			193	49	19	05	15		014		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

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

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

SURFACE WEATHER OBSERVATIONS

DATE DEC 09 1988

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	26.900			31	0															0	5	.000			00-01
01 51	26.890			28	0															0					01-02
02 50	26.875			29	0															0					02-03
03 51	26.860			29	0															0	8	.040			03-04
04 55	26.840			25	0															0					04-05
05 50	26.840			26	0															0					05-06
06 50	26.840			24	0	0	Ci	250												0	6	.020			06-07
07 52	26.850			21	6															0					07-08
08 50	26.840			15	3															0					08-09
09 50	26.840			16	2	2	Ci	250												0	0	.000			09-10
10 50	26.800			11	0															0					10-11
11 51	26.770			10	0															0					11-12
12 50	26.730			10	1	1	Ci	250												0	7	.110			12-13
13 50	26.700			10	2															1					13-14
14 51	26.680			10	2															1					14-15
15 52	26.675			9	1	1	CS	250												1	6	.055			15-16
16 51	26.675			11	1															1					16-17
17 53	26.675			12	0															0					17-18
18 51	26.685			17	0															0	3	.010			18-19
19 50	26.690			19	0															0					19-20
20 54	26.705			19	0															0					20-21
21 53	26.710			22	0															0	2	.025			21-22
22 50	26.720			26	2															1					22-23
23 52	26.715			30	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 0348		0	0		44	38										
	0348	1	0	0	0	47	38		0								
	0948	2	0	0	0	52	39		0								
	1549	3	0	0	0	59	51		0								
	2150	4	0	0	0	57	47		0								
	MID.		0	0	0	50	47										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.840	26.675	26.710
BAROGRAPH 64	26.855	26.835	26.660	26.710
BAR. CORR. 65	+.005	+.005	+.015	±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	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
59	38	0	0	0	23	E	1323					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0644 SUNSET 1628

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1034 P / 1620 P /

1/ LAST OF SEVERAL OCCURRENCES

MF 1-10A
(5-83)

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

STATION: [redacted], DESERT ROCK, [redacted]
WSMO DESERT ROCK NV.

DATE: DEC 10 1988

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	~~CER~~ 250 SCT	20			192	46	21	06	10		013	000 1008	JS
SA	0153	250 SCT	20			191	47	22	05	15		013		JS
SA	0250	250 SCT	20			190	48	25	08	15	G20	013		JS
SA	0350	250 SCT	20			196	45	25	07	13		014	303 1008 45 RADAT 64L090	Oca
													105115	
SA	0451	CLR	20			196	46	26	03	15		014	FEW Ci	Oca
SA	0550	CLR	20			201	47	28	36	11		015		Oca
SA	0650	CLR	20			210	43	28	03	08		016	307	Oca
SA	0750	CLR	20			208	47	28	04	13		016		Oca
SA	0850	CLR	20			211	50	29	03	15		017		Oca
SA	0950	CLR	20			214	53	30	01	15		018	307 43	Oca
SA	1050	CLR	20			203	57	31	03	08		016		Oca
SA	1150	CLR	20			188	60	31	12	08		013		Oca
SA	1251	CLR	20			182	62	30	08	06		011	724	Oca
SA	1350	CLR	20			176	63	30	13	07		009	Ci NW	Oca
SA	1450	CLR	20			180	63	29	13	06		011	Ci W-NE	Oca
SA	1550	CLR	20			186	62	30	11	06		012	Ci W-N/303 1001 64	JS
													RADAT 22111	
SA	1651	CLR	20			195	57	28	12	10		014	Ci W-N-NE	JS
SA	1750	CLR	20			207	53	29	31	03		017		JS
SA	1855	CLR	20			221	46	28	00	00		019	222	JS
SA	1950	CLR	20			226	46	28	05	05		021		JS
SA	2053	CLR	20			234	44	28	09	05		024		JS
SA	2157	CLR	20			238	49	28	10	07		026	220 64	JS
SA	2252	CLR	20			241	41	27	07	03		026		JS
SA	2350	CLR	20			240	47	28	18	04		027		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE DEC 10 1988

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.710			37	1	1	CS	250												1	0	.000			00-01
01 53	26.710			38	1															1					01-02
02 50	26.710			40	1															1					02-03
03 50	26.720			45	1	1	Cs	250												1	3	.010			03-04
04 51	26.720			45	0															0					04-05
05 50	26.730			48	0															0					05-06
06 50	26.740			55	0															0	3	.020			06-07
07 50	26.740			48	0															0					07-08
08 50	26.750			44	0															0					08-09
09 50	26.760			41	0															0	3	.020			09-10
10 50	26.740			37	0															0					10-11
11 50	26.710			33	0															0					11-12
12 51	26.690			30	0															0	7	? .070			12-13
13 50	26.680			29	0															0					13-14
14 50	26.690			28	0															0					14-15
15 52	26.700			29	0	0	CI	250												0	3	.010			15-16
16 51	26.720			34	0															0					16-17
17 50	26.745			40	0															0					17-18
18 55	26.765			48	0															0	2	.065			18-19
19 50	26.785			50	0															0					19-20
20 53	26.810			51	0															0					20-21
21 57	26.825			43	0															0	2	.060			21-22
22 52	26.830			58	0															0					22-23
23 50	26.840			48	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	49	45	X	X						X		
	0348	1	0	0	0	50	45		0								
	0949	2	0	0	0	53	43		0								
	1549	3	0	0	0	64	53		0								
	2155	4	0	0	0	62	44		0								
	MID.	X	0	0	0	50	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1554	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.760	26.700	26.825
BAROGRAPH 64	26.730	26.760	26.700	26.825
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	04AM 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	40	0	0	0	21	NE	0217L					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 0645 SUNSET 1628

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 CORRECT TO NEAREST MINUTE AT: 1602P / 1546P /

☐ LAST OF Several Occurrences

MF 1-10A
(5-83)

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

STATION: WMO, DESERT ROCK, NV

DATE: DEC 11 1988

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	CLR	20			245	40	27	00	00		028	207	JS
SA	0155	CLR	20			245	45	27	05	12		029		JS
SA	0250	CLR	20			247	46	27	03	14		030		JS
SA	0351	CLR	20			247	43	27	07	05		029	003 39 RADAT 20115	SH
SA	0450	CLR	20			252	38	26	19	03		028		SH
SA	0551	CLR	20			270	36	25	14	07		032		SH
SA	0650	CLR	20			277	38	26	08	07		034	315	SH
SA	0751	CLR	20			270	50	24	01	10		035		SH
SA	0852	CLR	20			273	52	27	08	06		036		SH
SA	0953	CLR	20			280	55	23	02	12		037	210 33	SH
SA	1050	CLR	20			271	59	24	01	14		036		SH
SA	1150	CLR	20			255	61	21	01	08		032	FEW C1	SH
SA	1253	CLR	20			248	65	18	04	08		029	824 1001	SH
SA	1350	250 SCT	20			240	66	20	01	10		028		SH
SA	1448	250 -BKN	20			240	66	18	36	10		028		SH
SA	1557	250 - BKN	20			241	66	19	10	04		028	603 1008 67	DC
													RADAT 20123	
SA	1656	250 - SCT	20			256	58	17	09	04		030		DC
SA	1756	CLR	20			265	54	15	05	11		032		DC
SA	1854	CLR	20			270	51	17	04	09		034	215	DC
SA	1953	CLR	20			270	51	18	06	04		035		DC
SA	2056	CLR	20			268	51	19	03	04		035		DC
SA	2158	CLR	20			269	54	19	02	11		036	208 67	DC
SA	2252	CLR	20			272	51	18	10	08		037		DC
SA	2358	CLR	20			271	44	15	30	04		036		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp $6RRR t_R$ $7wwW_1W_2$ $8N_h C_L C_M C_H$ plus regional and national data groups.

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE DEC 11 1988

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 55	26.845			60	0															0	2	.020			00-01
01 55	26.855			50	0															0					01-02
02 50	26.865			48	0															0					02-03
03 51	26.855			52	0															0	0	.010			03-04
04 50	26.850			62	0															0					04-05
05 51	26.880			65	0															0					05-06
06 50	26.900			63	0															0	3	.045			06-07
07 51	26.905			36	0															0					07-08
08 52	26.920			38	0															0					08-09
09 53	26.930			28	0															0	2	.030			09-10
10 50	26.920			25	0															0					10-11
11 50	26.880			21	0															0					11-12
12 53	26.860			16	0	0	CI	250												0	8	.070			12-13
13 50	26.850			17	2															2					13-14
14 48	26.850			16	6															2					14-15
15 57	26.850			16	6	6	CS	250												0	6	.010			15-16
16 56	26.870			20	3															0					16-17
17 56	26.880			21	0															0					17-18
18 54	26.895			26	0															0	2	.045			18-19
19 53	26.910			27	0															0					19-20
20 56	26.910			28	0															0					20-21
21 58	26.920			25	0															0	2	.025			21-22
22 52	26.930			27	0															0					22-23
23 58	26.920			31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	48	39	X	X						X		
	0348	1	0	0	0	50	39		0								
	0949	2	0	0	0	57	33		0								
	1550	3	0	0	0	67	55		0								
	2150	4	0	0	0	66	49		0								
	MID.	X	0	0	0	55	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.855	26.930	26.850	26.920
BAROGRAPH 64	26.855	26.930	26.860	26.920
BAR. CORR. 65	0	0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLT. (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
67	33	0	0	0	20	N	1054*					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0646 SUNSET 1628

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035 P / 1700 P /

* LAST OF SEVERAL OCCURRENCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 12, 1988

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 (09-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0055	CLR	20			266	48	18	11	08		036	000	DC
SA	0155	CLR	20			267	46	17	25	06		036		DC
SA	0255	CLR	20			267	50	17	13	05		037		DC
SA	0351	CLR	20			273	44	17	10	05		037	303 44 RADAT 35135	SH
SA	0450	CLR	20			278	42	15	11	07		037		SH
SA	0552	CLR	20			278	46	17	36	05		037		SH
SA	0651	CLR	20			284	43	16	02	04		038	303 1001	SH
SA	0752	CLR	20			287	47	19	08	05		039	FEW CI	SH
SA	0851	CLR	20			288	53	18	18	02		040		SH
SA	0952	CLR	20			282	60	16	04	11		040	107 41	SH
SA	1049	CLR	20			271	63	17	01	12		037		SH
SA	1150	CLR	20			260	67	17	16	06		034		SH
SA	1251	CLR	20			241	69	15	33	03		029	734	SH
SA	1351	CLR	20			234	71	16	11	09		027		SH
SA	1450	CLR	20			230	70	15	12	12		027		SH
SA	1558	CLR	20			233	68	17	10	14		026	610 72 RADAT 34139	DC
SA	1656	CLR	20			234	65	13	10	12		026		DC
SA	1758	CLR	20			240	53	18	04	03		026		DC
SA	1851	CLR	20			240	57	20	34	03		026	500	DC
SA	1954	CLR	20			240	52	18	09	05		026		DC
SA	2056	CLR	20			239	48	18	24	04		026		DC
SA	2158	CLR	20			235	49	18	00	00		026	400 72	DC
SA	2255	CLR	20			232	49	18	36	03		026		DC
SA	2358	CLR	20			224	49	20	07	04		024		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE DEC. 12, 1988

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 55	26.920			30	0															0	0	.000			00-01
01 55	26.920			31	0															0					01-02
02 55	26.925			27	0															0					02-03
03 51	26.930			34	0															0	3	.010			03-04
04 50	26.930			32	0															0					04-05
05 52	26.930			30	0															0					05-06
06 51	26.940			34	0	0	01	250												0	3	.010			06-07
07 52	26.950			32	0															0					07-08
08 51	26.960			25	0															0					08-09
09 52	26.960			17	0															0	1	.020			09-10
10 49	26.930			17	0															0					10-11
11 50	26.900			14	0															0					11-12
12 51	26.860			13	0															0	7	.100			12-13
13 51	26.840			12	0															0					13-14
14 50	26.835			12	0															0					14-15
15 58	26.830			14	0															0	6	.030			15-16
16 56	26.825			13	0															0					16-17
17 58	26.830			25	0															0					17-18
18 51	26.830			24	0															0	5	.000			18-19
19 54	26.830			26	0															0					19-20
20 56	26.830			30	0															0					20-21
21 58	26.830			29	0															0	4	.000			21-22
22 55	26.830			29	0															0					22-23
23 58	26.810			31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	52	44	X	X						X		
	0348	1	0	0	0	55	44		0								
	0949	2	0	0	0	60	41		0								
	1550	3	0	0	0	72	60		0								
	2150	4	0	0	0	68	47		0								
	MID.	X	0	0	0	52	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.930	26.960	26.830	26.830
BAROGRAPH 64	26.930	26.960	26.845	26.840
BAR. CORR. 65	0	0	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
72	41	0	0	0	18	E	1544*					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 0646 SUNSET 1629

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 CORRECT TO NEAREST MINUTE AT: 1035AP / 1605P /

* LAST OF SEVERAL OCCURRENCES

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE DEC. 13, 1988

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	0055	CLR	20			224	47	20	12	03		024	707	DC
SA	0154	CLR	20			225	43	20	10	05		024		DC
SA	0253	CLR	20			216	43	21	12	06		022		DC
SA	0351	CLR	20			215	41	19	10	04		020	810 40 RADAT 34134	SH
SA	0451	CLR	20			212	42	21	10	05		019		SH
SA	0552	CLR	20			219	42	19	00	00		019		SH
SA	0650	CLR	20			217	43	20	00	00		019	603 1071	SH
SA	0751	CLR	20			212	46	21	10	04		018	FEW AC CI	SH
SA	0852	CLR	20			207	55	22	30	03		017	ACCAS S	SH
SA	0956	CLR	20			196	61	21	17	03		015	714 1081 38	SH
SA	1054	CLR	20			181	67	22	28	03		012	ACSE CI NW	SH
SA	1152	CLR	20			171	64	19	22	08		008	CI NW	SH
SA	1251	250 - SCT	20			159	66	20	23	10		005	730 1001	SH
SA	1352	250 - BKN	20			154	67	21	21	12		003		SH
SA	1449	250 - BKN	20			153	68	21	23	10		003		SH
SA	1558	250 - BKN	20			155	65	21	25	07		003	607 1001 68	DC
													RADAT 33127	
SA	1657	250 - BKN	20			159	60	21	32	03		003		DC
SA	1758	250 - BKN	20			167	51	21	04	07		004		DC
SA	1855	250 - SCT	20			169	50	20	06	04		005	305 1001	DC
SA	1955	250 - BKN	20			170	48	20	00	00		005		DC
SA	2055	250 - SCT	20			165	48	19	00	00		005		DC
SA	2156	CLR	20			165	47	18	00	00		006	203 1001 68	DC
SA	2257	CLR	20			165	41	18	11	04		006		DC
SA	2358	CLR	20			165	42	17	11	04		006		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-63) WHICH MAY BE USED

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE DEC. 13, 1988

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 55	26.810			34	0															0	7	.020			00-01
01 54	26.810			40	0															0					01-02
02 53	26.790			41	0															0					02-03
03 51	26.780			42	0															0	8	.030			03-04
04 51	26.770			42	0															0					04-05
05 52	26.770			40	0															0					05-06
06 50	26.770			40	0	0	AC	160	0	CI	250	0								0	6	.010			06-07
07 51	26.755			36	0															0					07-08
08 52	26.750			27	0															0					08-09
09 56	26.730			21	0	0	ACCAS	160	0	CI	250	0								0	7	.040			09-10
10 54	26.700			18	0															0					10-11
11 52	26.670			17	0															0					11-12
12 51	26.640			17	2	2	CI	250												0	7	.090			12-13
13 52	26.620			17	6															1					13-14
14 49	26.620			17	7															1					14-15
15 58	26.620			18	9	9	CI	250												1	6	.020			15-16
16 57	26.620			22	8															1					16-17
17 58	26.630			31	6															0					17-18
18 55	26.635			30	5	5	CI	250												1	3	.015			18-19
19 55	26.640			33	9															4					19-20
20 55	26.640			31	3															1					20-21
21 56	26.645			31	0	0	CI	250												0	2	.010			21-22
22 57	26.645			39	0															0					22-23
23 58	26.645			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 0348	X	0	0	X	51	40	X	X						X		
	0348	1	0	0	0	52	40		0								
	0953	2	0	0	0	61	38		0								
	1550	3	0	0	0	68	61		0								
	2150	4	0	0	0	65	44		0								
	MID.	X	0	0	0	48	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.730	26.620	26.645
BAROGRAPH 64	26.790	26.730	26.620	26.645
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	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	38	0	0	0	14	SW	1421*					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 0647 SUNSET 1629

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 CORRECT TO NEAREST MINUTE AT: 1041OP/ 1630P/

* LAST OF SEVERAL OCCURRENCES

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: DEC. 14, 1988

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	0056	CLR	20			161	42	17	05	03		005	803	DC
SA	0157	CLR	20			161	41	17	00	00		005		DC
SA	0255	CLR	20			155	39	18	12	05		003		DC
SA	0352	CLR	20			153	39	18	00	00		002	808 37 RADAT 38118	MS
SA	0451	CLR	20			150	37	18	15	05		000		MS
SA	0553	CLR	20			151	36	18	14	03		999	FEW CI	MS
SA	0653	CLR	20			152	36	18	00	00		999	610 1001	MS
SA	0751	CLR	20			150	42	18	12	05		999	FEW CI	MS
SA	0853	CLR	20			142	48	19	07	05		997	FEW CI	MS
SA	0953	CLR	20			139	56	19	30	03		997	603 1001 34	MS
SA	1052	CLR	20			130	58	18	24	07		994		MS
SA	1153	CLR	20			108	62	19	21	09		988		MS
SA	1252	CLR	20			088	63	20	23	13		983	844 1001	MS
SA	1357	CLR	20			074	63	19	24	13	G19	979		MS
SA	1455	CLR	20			066	65	19	26	14		976		MS
SA	1557	CLR	20			054	63	18	23	14		973	732 65 RADAT 20119	DC
SA	1655	CLR	20			053	59	18	24	10		972		DC
RS	1758	CLR	20			056	54	18	33	15		972	WSHFT 30	DC
SA	1856	CLR	20			069	54	18	02	10		975	307	DC
SP	1907	CLR	20						03	26	G30	975		DC
SA	1957	CLR	6		BD	076	45	16	05	35	G50	997	PK WND 0550/54	DC
SA	2053	CLR	10			100	42	14	05	40	G53	984	PK WND 0553/51	DC
													BD ALQDS PRESRR	
SA	2155	CLR	10			115	42	12	04	29	G37	990	PK WND 0552/0455	DC
													BD ALQDS / 246 65	
SA	2253	CLR	20			126	40	10	05	20	G27	993	PK WND 0537/10	DC
SA	2355	CLR	20			125	39	11	05	20	G30	993		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_X hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE DEC. 14, 1988

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 56	26.635			36	0															0	8	.010			00-01
01 57	26.635			38	0															0					01-02
02 55	26.620			42	0															0					02-03
03 52	26.610			42	0															0	8	.025			03-04
04 51	26.590			46	0															0					04-05
05 53	26.580			48	0															0					05-06
06 53	26.580			48	0	0	Ci	250												0	6	.030			06-07
07 51	26.580			38	0															0					07-08
08 53	26.570			31	0															0					08-09
09 53	26.570			23	0	0	Ci	250												0	6	.010			09-10
10 52	26.540			21	0															0					10-11
11 53	26.490			19	0															0					11-12
12 52	26.440			19	0	0	Ci	250												0	8	.130			12-13
13 57	26.400			18	0															0					13-14
14 55	26.380			17	0															0					14-15
15 57	26.345			17	0															0	7	.095			15-16
16 55	26.335			20	0															0					16-17
17 58	26.335			24	0															0					17-18
18 56	26.365			24	0															0	3	.020			18-19
19 57	26.385			31	0															0					19-20
20 53	26.450			32	0															0					20-21
21 55	26.500			29	0															0	2	.135			21-22
22 53	26.530			29	0															0					22-23
23 55	26.530			31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		43	37										
	0348	1	0	0	0	48	37		0								
	0949	2	0	0	0	56	34		0								
	1550	3	0	0	0	65	56		0								
	2149	4	0	0	0	63	42		0								
	MID.		0	0	0	42	39										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.570	26.345	26.500
BAROGRAPH 64	26.605	26.570	26.340	26.485
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 UNML TD (Ins.) 69	0400 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
65	34	0	0	0	53	NE	2051					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
BD	1930	2030			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0648 SUNSET 1629

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0400 / 2130 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 15, 1988

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	CLR	20			125	38	8	05	18	G24	993	110	DC
SA	0156	CLR	20			130	37	8	05	18		994		DC
SA	0255	CLR	20			134	35	10	04	07		995		DC
SA	0355	60 SCT	20			134	35	13	05	13		995	107 1500 35 RADAT 37044	HS
SA	0457	60 SCT	20			139	36	16	03	17	G22	996		HS
SA	0558	M 60 BKN	20			152	35	17	04	17	G23	000		HS
SA	0652	M50 BKN 250 BKN	20			159	34	18	04	17	G23	001	SWO SE/217 1501	HS
SA	0750	50 SCT	20			172	34	20	03	17	G23	003		HS
SA	0855	50 SCT 250 SCT	20			181	36	20	05	18	G24	005		HS
SA	0957	M 55 BKN	20			189	39	20	03	15		008	224 1500 34	HS
SA	1054	E 55 OVC	20			193	42	21	05	09		009	BINOVC	HS
SA	1154	E 60 BKN	20			181	44	22	05	12		006		HS
SA	1254	E 60 OVC	20			182	44	22	11	14		006	BINOVC/807 1500//	HS
SA	1352	M 65 OVC	20			181	46	22	10	14		006	BINOVC	HS
SA	1450	M 65 OVC	20			185	46	22	12	15		007	BINOVC	HS
SA	1551	M 65 BKN	20			185	46	23	10	13		007	103 1500 47 RADAT 52061	HS
SA	1654	65 SCT	20			194	45	22	09	11		009		HS
SA	1750	60 SCT	20			204	42	23	04	13		012		HS
SA	1850	CLR	20			212	42	24	06	09		014	FEW SC 220 1500	HS
SA	1950	CLR	20			221	41	24	03	07		016	FEW SC	HS
SA	2050	CLR	20			224	40	23	03	11		017		HS
SA	2152	CLR	20			235	39	23	05	08		020	220 1500 47	HS
SA	2250	CLR	20			234	36	23	07	13		020	FEW SC	HS
SA	2350	CLR	20			235	36	22	03	10		021	FEW SC	HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE DEC. 15, 1988

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 56	26.530			28	0															0	1	.030			00-01
01 56	26.540			30	0															0					01-02
02 55	26.550			35	0															0					02-03
03 55	26.550			40	2	2	SC	60												2	1	.020			03-04
04 57	26.560			43	1															1					04-05
05 58	26.585			48	7															7					05-06
06 52	26.600			52	7	6	SC	M50	1	CI	250	7								7	2	.050			06-07
07 50	26.620			56	5															5					07-08
08 55	26.640			52	5															5					08-09
09 57	26.670			46	8	8	SC	M55												8	2	.070			09-10
10 54	26.680			43	10															9					10-11
11 54	26.650			41	8															8					11-12
12 54	26.650			41	10	10	SC	E60												9	8	.020			12-13
13 52	26.650			38	10															9					13-14
14 50	26.660			38	10															9					14-15
15 51	26.660			40	7	7	SC	M65												7	1	.010			15-16
16 54	26.680			40	5															5					16-17
17 50	26.700			48	2															2					17-18
18 50	26.720			49	0	0	SC	60												0	2	.060			18-19
19 50	26.740			51	0															0					19-20
20 50	26.750			51	0															0					20-21
21 52	26.780			53	0	0	SC	60												0	2	.060			21-22
22 50	26.780			60	0															0					22-23
23 50	26.785			59	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		39	35										
	0351	1	0	0	0	42	35		0								
	0952	2	0	0	0	39	34		0								
	1549	3	0	0	0	47	38		0								
	2150	4	0	0	0	46	37		0								
	MID.		0	0	0	40	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0957	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.670	26.660	26.780
BAROGRAPH 64	26.540	26.660	26.655	26.780
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	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	34	0	0	0	28	NE	0005					8	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 0649 SUNSET 1629

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 CORRECT TO NEAREST MINUTE AT: 1 0405 / 1915 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: [redacted], DESERT ROCK, NV

DATE: DEC 16 1988

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			232	37	23	06	06		020	000	HS
SA	0151	CLR	20			237	39	23	09	10		023		HS
SA	0250	CLR	20			237	40	23	09	10		023	10	HS
SA	0352	CLR	20			242	38	22	04	11		024	~~207~~ 35	HS
SA	0455	CLR	20			243	37	22	04	11		024	RADAT 56064	HS
SA	0556	CLR	20			250	35	21	05	13		025	FEW SC	HS
SA	0655	CLR	20			253	37	21	06	15		026	SC SW-W / 307 1500	HS
SA	0753	CLR	20			255	40	21	03	12		027	SC SW-NW	HS
SA	0850	CLR	20			258	43	20	05	14		028	SC SW-NW	HS
SA	0953	CLR	20			255	48	21	05	10		028	SC SW-NW / 107 1500 35	HS
SA	1054	CLR	20			246	51	21	04	11		026	SC SW-NW CI SE	HS
SA	1150	CLR	20			236	54	22	08	12		024	FEW SC CI	HS
SA	1250	CLR	20			226	54	22	10	14		020	724 1501	HS
SA	1350	CLR	20			215	55	22	10	13	G18	018	FEW SC CI	HS
SA	1450	CLR	20			212	56	22	11	11		017	FEW SC CI	HS
SA	1551	CLR	20			204	55	22	16	06		015	819 1001 56 RADAT 51082	HS
SA	1650	CLR	20			204	52	22	01	06		014	CI SW	HS
SA	1750	CLR	20			213	47	22	12	05		015		HS
SA	1850	CLR	20			212	44	22	12	05		015	102	HS
SA	1950	CLR	20			215	39	22	07	03		015		HS
SA	2050	CLR	20			209	44	22	05	06		015		HS
SA	2151	CLR	20			212	42	22	04	09		016	303 56	HS
SA	2255	CLR	20			209	42	22	09	11		016		HS
SA	2351	CLR	20			207	43	21	05	09		016		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiiii iRiiKVV Nddff 1sTTT 2sTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8N1C1C2C3 plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE DEC 16 1988

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.780			57	0															0	0	.000			00-01
01 51	26.800			53	0															0					01-02
02 50	26.800			50	0															0					02-03
03 52	26.810			52	0															0	2	.030			03-04
04 55	26.810			54	0															0					04-05
05 56	26.820			56	0															0					05-06
06 53	26.830			52	0	0	se	50												0	3	.020			06-07
07 53	26.840			46	0															0					07-08
08 50	26.850			40	0															0					08-09
09 53	26.850			34	0	0	se	50												0	1	.020			09-10
10 54	26.830			31	0															0					10-11
11 50	26.805			29	0															0					11-12
12 50	26.780			29	0	0	se	60	0	ci	250	0								0	7	.070			12-13
13 50	26.760			28	0															0					13-14
14 50	26.750			26	0															0					14-15
15 51	26.725			28	0	0	ci	250												0	8	.055			15-16
16 50	26.720			31	0															0					16-17
17 50	26.730			36	0															0					17-18
18 50	26.730			42	0															0	1	.005			18-19
19 50	26.730			49	0															0					19-20
20 50	26.730			42	0															0					20-21
21 51	26.740			44	0															0	3	.010			21-22
22 55	26.740			43	0															0					22-23
23 51	26.740			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 0348		0	0		41	35										
	0348	1	0	0	0	41	35		0								
	0949	2	0	0	0	48	35		0								
	1549	3	0	0	0	56	48		0								
	2149	4	0	0	0	55	38		0								
	MID.		0	0	0	45	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.850	26.725	26.740
BAROGRAPH 64	26.810	26.860	26.735	26.750
BAR. CORR. 65	0	-.010	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	0400 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
56	35	0	0	0	20	E	1407					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 0649 SUNSET 1630

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 CORRECT TO NEAREST MINUTE AT: 1150 / 1835 /

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE DEC 17 1988

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			206	44	22	05	10		016	400	HS
SA	0150	CLR	20			208	40	21	06	07		016		HS
SA	0251	CLR	20			207	38	21	27	07		016		HS
SA	0351	CLR	20			212	39	21	11	04		017	303 35 RADAT 62080	[illegible]
SA	0456	CLR	20			219	39	22	26	04		018		[illegible]
SA	0554	CLR	20			220	40	22	05	10		018	FEW SC SW-W	[illegible]
SA	0653	50 SCT	20			227	40	22	05	06		019	207 1500	[illegible]
SA	0753	50 SCT	20			232	45	23	08	09		020		[illegible]
SA	0850	50 SCT	20			225	49	23	25	05		020		[illegible]
SA	0955	CLR	20			227	52	23	14	10		022	207 1500 35	[illegible]
SA	1050	CLR	20			218	55	23	13	08		019	FEW SC	[illegible]
SA	1150	CLR	20			202	57	24	15	09		015	FEW SC	[illegible]
SA	1254	CLR	20			190	57	25	21	07		012	730 1500	[illegible]
SA	1354	CLR	20			191	58	25	23	12		012	FEW SC	[illegible]
SA	1450	CLR	20			192	56	27	24	12		012	FEW SC	[illegible]
SA	1550	CLR	20			197	54	30	24	11		013	303 1500 58 RADAT 62081	HS
SA	1651	CLR	20			200	51	28	26	06		013	FEW SC	HS
SA	1751	CLR	20			205	41	25	04	04		013		HS
SA	1852	CLR	20			206	40	25	09	04		013	400	HS
SA	1952	CLR	20			209	37	25	09	05		014	FEW SC	HS
SA	2050	CLR	20			205	38	26	04	05		014	SC SW	HS
SA	2150	CLR	20			204	37	27	13	04		014	103 1500 58	HS
SA	2250	CLR	20			201	38	28	00	00		014		HS
SA	2350	CLR	20			201	34	28	13	03		014		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii ipiihVV Nddff 1s TTT 2s $T_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRtp 7wwW1W2 8NhC1 CMCH plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE DEC 17 1988

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	26.740			41	0															0	4	.000			00-01
01 50	26.740			46	0															0					01-02
02 51	26.740			51	0															0					02-03
03 51	26.750			48	0															0	3	.010			03-04
04 56	26.760			50	0															0					04-05
05 54	26.760			48	0															0					05-06
06 53	26.770			48	1	1	Sc	50												1	2	.020			06-07
07 53	26.780			42	2															2					07-08
08 50	26.780			36	1															1					08-09
09 55	26.790			32	0	0	Sc	50												0	2	.020			09-10
10 50	26.770			29	0															0					10-11
11 50	26.730			28	0															0					11-12
12 54	26.700			29	0	0	Sc	50												0	7	.090			12-13
13 54	26.700			28	0															0					13-14
14 50	26.700			33	0															0					14-15
15 50	26.710			39	0	0	Sc	60												0	3	.010			15-16
16 51	26.710			42	0															0					16-17
17 51	26.710			53	0															0					17-18
18 52	26.710			57	0															0	4	.000			18-19
19 52	26.720			62	0															0					19-20
20 50	26.720			63	0															0					20-21
21 50	26.720			67	0	0	Sc	60												0	1	.010			21-22
22 50	26.720			66	0															0					22-23
23 50	26.715			76	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		44	35										
	0347	1	0	0	0	45	35		0								
	0951	2	0	0	0	52	35		0								
	1548	3	0	0	0	58	52		0								
	2148	4	0	0	0	54	37		0								
	MID.		0	0	0	39	34										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0955	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.790	26.710	26.720
BAROGRAPH 64	26.750	26.790	26.710	26.730
BAR. CORR. 65	0	0*	0	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	0400 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
58	34	0	0	0	17	SW	1321					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 0650 SUNSET 1630

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1035 / 1955 /

* BAROGRAPH CHANGED RESET TO ±.0 CORR

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: DEC 18 1988

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			196	32	28	01	03		012	807	HS
SA	0150	CLR	20			196	33	28	00	00		012		HS
SA	0251	CLR	20			194	32	27	08	03		011		HS
SA	0351	CLR	20			192	33	28	10	03		011	805 31 RADAT 92065	RD
SA	0454	CLR	20			189	35	28	13	04		009		RD
SA	0556	E60 BKN	20			196	36	28	16	03		009		RD
SA	0652	55 SCT	20			194	35	28	12	04		008	805 1500	RD
SA	0755	M50 BKN	20			194	35	28	13	04		008		RD
SA	0853	55 SCT	20			192	37	28	12	05		008		RD
SA	0954	55 SCT	20			179	46	30	26	04		006	808 1500 31	RD
SA	1052	M55 BKN	20			168	48	31	22	11		003		RD
SA	1153	M45 BKN	20			158	49	32	22	11		000	MTN TOP OBSC S	RD
SA	1252	M50 BKN	20			147	49	32	22	08		996	RWU SE / 729 1500	RD
SA	1352	M55 BKN	20			140	49	31	26	09		994	RWU SE	RD
SA	1456	E55 BKN	20			125	49	30	23	11		991	RWU SE	RD
~~SA~~	1556	55 SCT E100 BKN 250 BKN	20			127	48	30	24	09		991	RWU SE 517 1552 50 RADAT 73060	MR
SA	1653	55 SCT 100 SCT E 250 OVC	20			125	46	29	26	08		990		MR
SA	1755	M65 BKN 250 OVC	20			123	45	30	23	07		989		MR
SA	1853	M35 BKN 100 OVC	20			122	44	31	24	07		988	607 151/	MR
SA	1953	M32 BKN 100 OVC	20			119	44	31	23	05		987	RB00 E13	MR
SA	2053	M45 OVC	20			117	44	30	25	09		987		MR
SA	2154	M45 BKN 80 OVC	20			114	44	30	25	11		988	50200 15~~7~~5/ 50	MR
SA	2253	M31 OVC	20			112	44	30	25	14		988		MR
SP	2311	M16 BKN 30 OVC	10		RW-				28	11		988	RB04	MR
SP	2339	M14 OVC	10		RW-				27	10		988		MR
RS	2355	15 SCT M32 OVC	10		RW-	117	39	33	28	09		986	RB04	MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE DEC 18 1988

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.700			84	0															0	8	.020			00-01
01 50	26.700			83	0															0					01-02
02 51	26.690			84	0															0					02-03
03 51	26.685			82	0															0	8	.015			03-04
04 54	26.680			76	0															0					04-05
05 56	26.680			73	6															6					05-06
06 52	26.670			76	4	4	Sc	55												4	8	.015			06-07
07 55	26.665			76	6															6					07-08
08 53	26.665			70	3															3					08-09
09 54	26.645			54	2	2	Sc	55												2	8	.025			09-10
10 52	26.620			52	7															7					10-11
11 53	26.590			52	7															7					11-12
12 52	26.560			52	6	6	Sc	M50												6	7	.085			12-13
13 52	26.540			50	6															6					13-14
14 56	26.505			48	6															6					14-15
15 56	26.510			51	9	4	Sc	55	5	Ac	E100	9	0	Ci	250	9				9	5	.050			15-16
16 53	26.500			50	10															9					16-17
17 55	26.495			57	10															9					17-18
18 53	26.490			58	10	7	Sc	M35	3	As	100	10								10	6	.020			18-19
19 53	26.480			60	10															9					19-20
20 53	26.480			58	10															10					20-21
21 54	26.485			59	10	8	Sc	M45	2	Ac	80	10								10	5	.005			21-22
22 53	26.485			58	10															10					22-23
23 55	26.490			79	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 0347	X	0	0	X	34	31	X	X						X		
	0347	1	0	0	0	39	31		0								
	0948	2	0	0	0	46	32		0								
	1552	3	0	0	0	50	46		0								
	2150	4	T	0	0	48	44		0								
	MID.	X	.01	0	0	44	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.685	26.645	26.510	26.485
BAROGRAPH 64	26.685	26.650	26.520	26.475
BAR. CORR. 65	0	-.005	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
50	31	.01	0	0	23	W	2319					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1900	1913			
RW-	2304	CONT'D			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0650 SUNSET 1630

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /0600/1657P /

~~2154~~ /2154

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 19 1988

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SP	0034	15 SCT M29 OVC	20						26	08		987	RE22	MR
RS	0053	32 SCT E55 OVC	20			109	40	33	25	05		986	*80508 1511 * RE22	MR
SA	0152	30 SCT M45 BKN	20			107	40	33	25	11		986		MR
SA	0251	M50 BKN	20			111	38	33	02	03		987		MR
SA	0357	M55 BKN	20			116	38	33	33	03		988	307 1500 37 20001	RD
SA	0458	M65 BKN	20			125	37	33	35	07		991	RADAT 80055/1209	RD
SA	0551	60 SCT	20			128	34	32	36	06		991		RD
SA	0657	55 SCT 120 SCT	20			136	34	32	32	09		992	310 1550	RD
SA	0754	E60 BKN	20			132	38	33	36	04		992		RD
SA	0852	E60 BKN 90 BKN	20			135	40	33	27	06		994		RD
SA	0958	60 SCT E100 BKN 200 BKN	20			145	41	32	26	08		996	314 1528 34	RD
SA	1056	M60 OVC	20			142	42	31	26	07		995	SWY S	RD
SA	1155	M45 BKN	20			143	43	31	24	08		995		RD
SA	1255	50 SCT 100 SCT E140 BKN	20			135	44	30	21	06		993	810 1570	RD
SA	1356	50 SCT 100 SCT E120 BKN	20			135	45	30	22	06		994		RD
SA	1453	50 SCT E65 BKN	20			138	45	30	25	08		994		RD
SA	1554	40 SCT M65 BKN	20			147	45	28	23	06		996	310 1570 46 RADAT 51070	MR
SA	1653	45 SCT 65 SCT	20			154	42	21	21	06		997		MR
SA	1750	70 SCT	20			160	40	30	36	02		999		MR
SA	1853	70 SCT	20			168	36	29	11	05		001	212 1070	MR
SA	1955	70 SCT	20			169	35	28	34	07		001		MR
SA	2053	E85 BKN	20			175	35	28	20	02		003		MR
SA	2157	E90 BKN	20			179	36	28	00	00		005	314 1050 46	MR
SA	2253	E90 BKN	20			178	34	28	01	04		004		MR
SA	2353	90 SCT	20			171	32	27	12	04		002		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE DEC 19 1988

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 53	26.470			76	10	5	Sc	32	5	Sc	E55	10								10	8	.015			00-01
01 52	26.465			77	9															9					01-02
02 51	26.475			83	6															6					02-03
03 57	26.490			83	6	6	Sc	M55												6	3	.020			03-04
04 58	26.505			86	6															6					04-05
05 51	26.505			93	3															3					05-06
06 57	26.520			93	4	0	Sc	45	3	Sc	55	3	1	Ac	120	4				4	3	.030			06-07
07 54	26.520			82	8															8					07-08
08 52	26.540			76	9															9					08-09
09 58	26.560			71	9	2	Sc	60	5	As	E100	7	2	Cs	200	9				9	3	.040			09-10
10 56	26.550			65	10															10					10-11
11 55	26.550			63	9															9					11-12
12 55	26.530			58	7	1	Sc	50	4	Ac	100	5	2	Ac	E140	7				7	8	.030			12-13
13 56	26.535			56	8															8					13-14
14 53	26.540			56	8															8					14-15
15 54	26.560			51	8	2	Sc	40	6	Ac	M65	8								8	3	.030			15-16
16 53	26.570			44	2															2					16-17
17 50	26.580			66	1															1					17-18
18 53	26.595			75	2	2	Ac	70												2	2	.035			18-19
19 55	26.600			75	1															1					19-20
20 53	26.620			73	7															7					20-21
21 57	26.635			73	9	9	Ac	E90												9	3	.040			21-22
22 53	26.630			78	6															6					22-23
23 53	26.610			83	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 0353		T	0		40	37										
	0353	1	.01	0	0	44	37		0								
	0951	2	0	0	0	41	34		0								
	1550	3	0	0	0	46	41		0								
	2153	4	0	0	0	45	34		0								
	MID.		0	0	0	36	31										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0957	1553	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.560	26.560	26.635
BAROGRAPH 64	26.470	26.565	26.540	26.625
BAR. CORR. 65	+.020	-.005	+.020	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 0400 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
46	31	T	0	0	16	W	0148					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW- CONT'D	0022				

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0651 SUNSET 1631

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 CORRECT TO NEAREST MINUTE AT: 1063 0 / 1556 /

~~0357 / 2000 / 0440~~

~~1653 / 1653~~

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC 20 1988

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	0055	90 SCT	20			184	30	27	13	02		005	302 1050	MR
SA	0153	90 SCT	20			189	31	27	04	05		007		MR
SA	0252	90 SCT	20			192	32	27	11	03		008		MR
SA	0357	90 SCT	20			187	31	27	10	06		007	005 1050 29	RD
—	—		—			—						—	RADAT 86L034069	—
SA	0452	90 SCT	20			184	29	26	12	07		005		RD
SA	0554	CLR	20			197	27	25	00	00		008		RD
SA	0654	200 -SCT	20			203	27	24	02	04		008	305 1051	RD
SA	0751	E200 BKN	20			201	34	27	23	04		009		RD
SA	0852	E200 BKN	20			209	36	27	11	04		012		RD
SA	0955	E200 BKN	20			205	40	29	32	05		012	110 1008 25	RD
SA	1052	E200 BKN	20			199	44	29	25	04		010	CU NW	RD
SA	1152	E200 BKN	20			184	47	30	19	03		007	CU NW S	RD
SA	1251	100 SCT E200 BKN	20			172	48	31	06	03		003	729 1558	RD
SA	1353	45 SCT E100 BKN 200 BKN	20			160	48	30	11	12		000		RD
SA	1451	M35 BKN 100 OVC	20			156	48	29	12	13		999		RD
SA	1554	39 SCT E 100 BKN 250 OVC	20			154	46	29	13	12		997	615 1551 51 RADAT	MR
/			~~20~~				~~45~~	~~30~~					84064	/
SA	1653	M48 BKN 100 OVC	20			148	45	30	14	08		995		MR
SA	1752	M50 BKN 100 OVC	20			151	46	30	25	04		996		MR
SA	1854	50 SCT E 90 OVC	20			154	45	31	03	03		996	503 157/	MR
SA	1953	40 SCT M 70 OVC	20			143	50	28	20	14	G20	995		MR
SA	2054	M45 BKN 70 OVC	20			141	50	31	20	15	G21	995		MR
SA	2155	M41 BKN 70 OVC	20			135	50	33	19	16	G22	994	707 157/ 51	MR
SA	2255	M38 BKN 70 OVC	20			128	48	37	21	15	G20	993		MR
SA	2354	M32 BKN 70 OVC	20			114	49	38	21	22	G29	989		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-80)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE DEC 20 1988

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 55	26.640			86	3	3	Ac	90												2	3	.005			00-01
01 53	26.660			85	3															2					01-02
02 52	26.670			83	3															3					02-03
03 57	26655			85	2	2	Ac	90												2	0	.015			03-04
04 52	26.640			89	2															2					04-05
05 54	26.665			93	0															0					05-06
06 54	26.670			89	3	0	Ac	90	3	Ci	200	3								1	3	.015			06-07
07 51	26.680			76	8															5					07-08
08 52	26.700			70	9															7					08-09
09 55	26.700			64	9	9	Cs	E200												7	1	.030			09-10
10 52	26685			55	9															7					10-11
11 52	26.655			52	8															6					11-12
12 51	26.615			52	9	0	Sc	60	3	Ac	100	3	6	Cs	E200	9				8	7	.085			12-13
13 53	26590			50	9															9					13-14
14 51	26580			48	10															9					14-15
15 54	26.570			51	10	3	Sc	39	6	Ac	E100	9	1	Ci	250	10				9	6	.045			15-16
16 53	26.550			55	10															10					16-17
17 52	26.535			55	10															10					17-18
18 54	26.560			56	10	5	Sc	50	5	Ac	E90	10								10	5	.010			18-19
19 53	26.550			43	10															10					19-20
20 54	26.550			48	10															10					20-21
21 55	26.540			52	10	7	Sc	M41	3	Ac	70	10								10	7	.020			21-22
22 55	26.525			64	10															10					22-23
23 54	26.495			66	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 0352	X	0	0	X	33	29	X	X						X		
	0352	1	0	0	0	36	29		0								
	0950	2	0	0	0	40	25		0								
	1550	3	0	0	0	51	40		0								
	2150	4	0	0	0	50	44		0								
	MID.	X	0	0	0	50	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0854	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.655	26700	26.570	26.540
BAROGRAPH 64	26665	26.705	26.565	26.520
BAR. CORR. 65	-.010	-.005	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 0400 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	25	0	0	0	34	SW	2358					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0652 SUNSET 1631

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 CORRECT TO NEAREST MINUTE AT: 1055 9/1754 /

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **DEC 21 1988**

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	M31 BKN 70 OVC	20			103	48	38	22	24	G38	986	*825 157/ *PK WND	MR
/													2238/48	/
SA	0152	M32 BKN 80 OVC	20			091	48	39	19	29	G41	983	PK WND 2142/04	MR
RS	0253	M27 OVC	20			089	48	39	19	27	G36	982	PK WND 2036/48	MR
RS	0350	26 SCT E80 BKN 200 BKN	20			079	47	38	20	28	G38	979	*722 1472 ~~49~~ 44 *PK WND 2045/07	/
/	/												RADAT 95071	AD
SA	0450	25 SCT 80 SCT E200 BKN	20			080	47	38	20	25	G33	979	PK WND 2037/00	AD
SA	0550	25 SCT E65 OVC	10		RW-	088	46	39	20	24	G32	981	RB45 *PK WND 2036/36	AD
/	/								+				*DSNT LTG W	/
SA	0650	25 SCT M38 BKN 200 OVC	10			096	45	38	19	22	G29	983	RE20/31400 1408	AD
SP	0720	-X M21 BKN 200 BKN	1/2		SW-RW-SW-				33	30	G42	990	*PK WND 3242/18 APRNT	/
/	/												FROPA *57	AD
SP	0726	W/X	1/2		SW-RW-SW-				01	22	G30	994		AD
RS	0750	-X 5 SCT M20 BKN 200 BKN	1		SW-	136	34	32	04	21	G29	993	S6 SB18 RB15E30 PRESER	AD
/	/												PK WND 3242/18 APRNT	/
/	/												FROPA 28	/
SP	0803	20 SCT M48 BKN 200 BKN	10						05	18	G30	994	DRK N-SE	AD
SA	0850	50 SCT 200 SCT	20			149	36	29	06	04		997	SE01	AD
SA	0950	CLR	20			158	40	29	25	05		001	15410 34	AD
SA	1050	CLR	20			155	45	24	12	04		001		AD
SA	1150	CLR	20			154	48	17	18	03		001		AD
SA	1250	CLR	20			151	48	17	20	07		000	803	AD
SA	1350	CLR	20			150	49	15	25	10		000		AD
SA	1450	CLR	20			154	49	15	22	12		001		AD
SA	1551	CLR	20			158	48	17	27	10		002	307 50 RADAT 33061	DCa
SA	1650	CLR	20			161	44	22	24	07		002		DCa
SA	1751	CLR	20			170	42	23	25	08		004		DCa
SA	1850	CLR	20			176	40	25	28	07		005	310	DCa
SA	1950	CLR	20			190	36	26	13	04		006		DCa
SA	2051	CLR	20			202	33	26	04	05		009		DCa
SA	2154	CLR	20			205	35	25	32	07		012	220 50	DCa
SA	2250	CLR	20			208	33	24	07	05		013		DCa
SA	2350	CLR	20			206	32	25	34	04		013		DCa

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii ipiwhVV Nddff 1s-TTT 2s-T+T+T+ 3P-P-P-P- 4PPPP 5appp 6RRRt- 7wwW+W- 8N-C-C+C+ plus regional and national data ...

(4-8-)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE DEC 21 1988

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 53	26.465			68	10	8	SC	M31	2	AC	70	10								10	8	.075			00-01
01 52	26.435			71	10															10					01-02
02 53	26.430			70	10															10					02-03
03 50	26.400			71	7	4	SC	26	2	AC	E80	6	1	CI	200	7				7	7	.065			03-04
04 50	26.400			71	6															6					04-05
05 50	26.420			76	10															10					05-06
06 50	26.440			76	10	2	SC	25	4	CU	M38	6	4	CS	200	10				8	3	.040			06-07
07 50	26.530			93	9															9					07-08
08 50	26.590			75	5															4					08-09
09 50	26.600			64	0															0	1	.160			09-10
10 50	26.600			43	0															0					10-11
11 50	26.600			29	0															0					11-12
12 50	26.590			29	0															0	8	.010			12-13
13 50	26.590			25	0															0					13-14
14 50	26.600			25	0															0					14-15
15 51	26.610			29	0															0	3	.020			15-16
16 50	26.610			41	0															0					16-17
17 51	26.630			47	0															0					17-18
18 50	26.640			55	0															0	3	.030			18-19
19 50	26.650			67	0															0					19-20
20 51	26.680			75	0															0					20-21
21 54	26.700			67	0															0	2	.060			21-22
22 50	26.710			69	0															0					22-23
23 50	26.710			75	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 0350	X	0	0	X	50	47	X	X						X		
	0350	1	0	0	0	50	47		0								
	0950	2	0.10	0.1 E	0	47	34		2								
	1548	3	0	0	0	50	40		1								
	2148	4	0	0	0	48	32		1								
	MID.	X	0	0	0	35	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.600	26.610	26.700
BAROGRAPH 64	26.380	26.580	26.605	26.690
BAR. CORR. 65	+.020	* +.020	+.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
50	32	.10	0.1	0 0400	45	SW	0307					2	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0545	0620			
RW-	0715	0730			
SW -	0718	0801			

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0652 SUNSET 1632

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 CORRECT TO NEAREST MINUTE AT: 0500 / 1546 P / /

* CHANGED MICROBARGRAPH 0955L

E - ESTIMATED DUE TO MELTING

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: [redacted], DESERT ROCK, NV

DATE: DEC 22 1988

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			208	29	24	11	07		013	103	Oca
SA	~~00~~ 0150	CLR	20			206	30	23	12	04		013		Oca
SA	0250	CLR	20			210	26	23	13	03		013	Ci S-W	Oca
SA	0350	220 - BKN	20			210	26	22	12	05		013	400 1001 25 20010	AO
/	/						~~24~~	~~21~~	~~00~~	~~00~~			RADAT 46L 111057	/
SA	0459	220 - BKN	20			214	24	21	00	00		013		AO
SA	0550	220 - SCT	20			211	25	21	05	05		012		AO
SA	0650	220 - SCT	20			216	24	20	11	05		013	500 1001	AO
SA	0750	220 - SCT	20			213	28	23	00	00		012		AO
SA	0850	220 - BKN	20		212 ~~220~~		32	23	20	03		012		AO
SA	0950	220 - OVC	20			211	33	24	00	00		012	603 1001 23	AO
SA	1050	220 - OVC	20			196	39	21	28	04		008		AO
SA	1150	220 - BKN	20			172	41	22	33	05		002	PRESFR	AO
SA	1250	220 - BKN	20			146	49	16	22	18G26		995	PRESFR / 851 1001	AO
SA	1350	220 - BKN	20			141	49	18	21	21G29		994		AO
SA	1450	220 - ~~BKN~~ SCT	20			145	48	18	20	18G28		994	* Cu ALQDS 50	AO
SA	1550	CLR	20			128	47	18	20	12G27		988	ACSL SE/820 1141 * RADAT	Oca
/													42066	/
SA	1650	60 SCT 100 SCT 250 SCT	20			121	45	20	19	14G28		986	ACSL ALQDS	Oca
SA	1750	60 SCT 100 SCT 250 SCT	20			113	46	22	19	15G31		984		Oca
SA	1850	60 SCT 100 SCT 250 SCT	20			106	46	25	20	20G34		982	ACSL ALQDS / 720 1541	Oca
SA	1950	M65 BKN 100 BKN 250 BKN	20			111	47	31	23	22G35		984	PK WND 2037/26	Oca
SA	2050	E65 BKN 100 BKN 250 BKN	20			107	46	32	22	20G29		983		Oca
SA	2152	60 SCT 100 SCT ~~100~~ 250 SCT	20			112	~~45~~	33	23	14G28		985	SWU W-N/310 1531 50	Oca
SP	2227	M 10 OVC	7		RW-				31	15G29		992	WND SHFT 22 APRNT	Oca
/													FROPA 22 PRESRR	/
SP	2236	M 10 OVC	5		RW-SW-				31	15G25		992		Oca
SP	2247	M 22 OVC	5		RW-				31	12		993	*	Oca
SA	2252	M 25 BKN 50 OVC	20		RW-	140	37	36	32	13		993	RB20SB34E41 APRNT	Oca
/													FROPA WND SHFT 22	/
/													* PRESRR	/
SP	2315	25 SCT M50 BKN	20						34	07		993	CLRG-W	Oca
SA	2355	50 SCT E 100 BKN	20			150	37	34	35	09		996	REOZ	Oca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iwi hVV Nddff 1s TTT 2s TdTdT: 3P P P P 4PPPP 5pppp 6RRRt 7wwW1W2 8N: Cl Cm Ch plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE **DEC 22 1988**

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.710			81	0															0	1	.010			00-01
01 50	26.710			75	0															0					01-02
02 50	26.710			88	0															0					02-03
03 50	26.710			85	6	6	Ci	220												1	4	.000			03-04
04 59	26.710			88	7															1					04-05
05 50	26.700			85	5															1					05-06
06 50	26.710			85	4	4	Ci	220												0	5	.000			06-07
07 50	26.700			81	5															1					07-08
08 50	26.700			69	8															2					08-09
09 50	26.700			69	10	10	Ci	220												5	6	.010			09-10
10 50	26.670			48	10															5					10-11
11 50	26.610			46	8															3					11-12
12 50	26.550			26	7	7	Ci	220												2	8	.150			12-13
13 50	26.540			29	7															2					13-14
14 50	26.540			30	3															1					14-15
15 ~~50~~	26.490			31	0	0	Cu	60	0	AcSL	100	0	0	Ci	250	0				0	8	.060			15-16
16 50	26.470			36	3															2					16-17
17 50	26.450			38	2															2					17-18
18 50	26.430			43	3	3	Sc	60	0	AcSL	100	0	0	Ci	250	3				3	7	.060			18-19
19 50	26.450			53	7															7					19-20
20 50	26.440			53	6															6					20-21
21 52	26.460			63	4	2	Sc	60	1	Ac	100	3	1	Ci	250	4				4	3	.030			21-22
22 52	26.530			96	10															10					22-23
23 55	26.560			89	7															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		32	25										
	0350	1	0	0	0	35	25		0								
	0850	2	0	0	0	33	23		0								
	1548	3	0	0	0	50	33		0								
	2148	4	0	0	0	47	45		0								
	MID.		.06	T*	0	45	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0850	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.700	26.490	26.460
BAROGRAPH 64	26.710	26.700	26.485	26.455
BAR. CORR. 65	0	0	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM 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
50	23	.06	T*	0	37	SW	1926					6	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
Rw-	2220	2302			
Sw-	2234	2241			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 06:53 SUNSET 16:32

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 CORRECT TO NEAREST MINUTE AT: 0500 /0401 PST/

~~0150/0150~~

*(SNOW)T-MELTED AS IT FELL

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK, NV

DATE: DEC 23, 1988

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	0055	100 SCT 250 SCT	20			152	38	27	36	10		999	14106 1031	DCA
SA	0152	100 SCT 250 SCT	20			166	38	19	34	13 G 22		003		DCA
SA	0253	250 SCT	20			184	37	18	34	14		007	FEW AC	DCA
SA	0350	250 SCT	20			193	36	15	32	17 G 23		009	23406 1002 35 20006	AD
/	/												RADAT 35049	/
SA	0450	250 SCT	20			197	36	15	33	16 G 22		011		AD
SA	0550	250 SCT	20			205	36	14	34	20 G 33		013		AD
SA	0650	250 ~~SCT~~ - BKN	20			217	34	15	03	08		016	320 1001	AD
SA	0750	250 - OVC	20			224	35	17	05	06		018		AD
SA	0850	250 - BKN	20			230	39	13	06	07		020		AD
SA	0950	250 - BKN	20			237	40	12	05	08		023	220 1001 31	AD
SA	1050	250 - SCT	20			233	42	11	04	06		020		AD
SA	1150	250 - SCT	20			224	44	11	05	08		018		AD
SA	1250	250 - SCT	20			220	45	10	34	07		017	717 1001	AD
SA	1350	250 - SCT	20			218	47	7	30	05		017		AD
SA	1450	250 - SCT	20			215	46	8	35	05		016		AD
SA	1550	250 - OVC	20			208	46	9	26	03		014	810 1007 48 RADAT	DCA
/													29056	/
SA	1652	250 SCT	20			214	41	15	30	05		015		DCA
SA	1750	100 SCT E 250 OVC	20			215	40	17	11	04		015		DCA
SA	1852	250 SCT	20			214	38	20	13	06		014	000 1001	DCA
SA	1950	250 - SCT	20			212	34	19	11	10		013		DCA
SA	2050	250 - SCT	20			210	34	19	07	05		013	1031	DCA
SA	2151	E 140 OVC	20			206	34	19	09	05		012	807 ~~1311~~ 48	DCA
SA	2250	140 SCT 250 SCT	20			194	34	18	10	06		008		DCA
SA	2350	250 - SCT	20			191	30	20	07	03		007		DCA

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_X hVV$ Ndff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP $5a_{pp}p$ $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE DEC 23 1988

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 55	26.580			64	5	3	Ac	100	2	Ci	250	5								4	1	.120			00-01
01 52	26.620			46	2															2					01-02
02 53	26.660			46	1															1					02-03
03 50	26.680			42	1	1	Ci	250												1	2	.100			03-04
04 50	26.690			42	1															1					04-05
05 50	26.710			40	1															1					05-06
06 50	26.740			45	6	6	Ci	250												1	3	.060			06-07
07 50	26.760			48	10															2					07-08
08 50	26.780			34	7															2					08-09
09 50	26.800			31	6	6	Ci	250												1	2	.060			09-10
10 50	26.780			28	3															0					10-11
11 50	26.760			26	1															0					11-12
12 50	26.750			24	1	1	Ci	250												0	7	.050			12-13
13 50	26.750			19	2															0					13-14
14 50	26.740			21	2															0					14-15
15 50	26.720			22	10	10	Cs	250												2	8	.030			15-16
16 52	26.725			34	2															2					16-17
17 50	26.730			39	10															8					17-18
18 52	26.720			48	2	2	Ci	250												2	0	.000			18-19
19 50	26.710			54	2															1					19-20
20 50	26.710			54	2															1					20-21
21 51	26.700			54	10	10	Ac	E140												10	8	.020			21-22
22 50	26.670			52	3															2					22-23
23 50	26.660			66	2															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 0350	X	0	0	X	39	36	X	X						X		
	0350	1	0.06	T*	0	45	35		0								
	0950	2	0	0	0	41	31		0								
	1548	3	0	0	0	48	40		0								
	2148	4	0	0	0	46	32		0								
	MID.	X	0	0	0	35	29	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.800	26.720	26.700
BAROGRAPH 64	26.670	26.785	26.715	26.685
BAR. CORR. 65	+.010	+.015	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	29	0	0	0	33	NW	0550					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 06:53 SUNSET 16:33

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500/0357 AH /

*ESTIMATED DUE TO MELTING

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK, NV**

DATE **DEC 24 1988**

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	140 SCT E250 BKN	20			178	31	18	10	06		004	724 1031	DCa
SA	0155	140SCT E250 OVC	20			168	32	19	00	00		002		DCa
SA	0251	250- OVC	20			168	29	21	06	03		001		DCa
SA	0355	130 SCT 250-BKN	20			154	28	21	09	06		996	824 1078 28	JP
													RADAT 38H046047	
SA	0454	50 SCT E130 BKN 250 OVC	20			149	31	21	03	05		995		JP
SA	0557	M48 OVC	20			141	33	20	31	03		993		JP
SA	0658	M48 OVC	20			137	34	21	09	05		992	714 1511	JP
SA	0757	M45 OVC	20			141	34	21	30	07		992	SWU 5	JP
SA	0852	M45 OVC	20			139	37	18	10	03		992	SWU 5	JP
SA	0953	M45 OVC	20			141	38	20	14	06		993	303 1511 28	JP
SA	1057	M43 OVC	20			137	40	20	30	05		992		JP
SA	1153	M38 OVC	20			123	41	21	07	04		987		JP
SA	1259	M33 OVC	20			114	42	23	11	08		985	824 1511	JP
SA	1358	M33 OVC	20			098	43	24	00	00		981		JP
SA	1452	M32 OVC	20			094	47	33	21	15	G23	980		JP
SA	1550	M30 OVC	20			091	47	34	22	12	G20	979	620 1511 47 RADAT 94062	DCa
SA	1650	M30 BKN 250 OVC	20			074	46	32	20	22	G32	974		DCa
SA	1751	M30 BKN 250 OVC	20			057	46	32	21	21	G31	972	~~PK WND 2035/41~~	DCa
SA	1850	M30 OVC	20			057	46	32	20	16	G25	972	620 1511	DCa
SA	1951	M30 OVC	20			043	47	32	20	24	G37	969	PK WND 2037/42	DCa
SA	2052	M30 OVC	20			044	46	32	21	19	G27	969	~~PK WND 2135/27~~	DCa
SA	2150	M30 BKN	20			038	44	33	20	20	G33	965	820 1500 47	DCa
SA	2250	M30 OVC	20			039	45	33	20	18	G28	965		DCa
SA	2350	M30 BKN	20			027	45	32	20	18	G32	962		DCa

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Hiii ipiyhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtp 7wwW1W2 8NhCLCMCH plus regional and national data groups.

SURFACE WEATHER OBSERVATIONS

DATE **DEC 24 1988**

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.630			58	9	2	Ac	140	7	Ci	E250	9								8	7	.070			00-01
01 55	26.610			58	10															9					01-02
02 51	26.600			72	10															3					02-03
03 55	26.560			75	8	1	Ac	130	7	Cs	250	8								3	8	070			03-04
04 54	26.550			66	10															10					04-05
05 57	26.530			58	10															10					05-06
06 58	26.520			58	10	10	Sc	M48												10	7	040			06-07
07 57	26.520			58	10															10					07-08
08 52	26.520			46	10															10					08-09
09 53	26.530			48	10	10	Sc	M45												10	3	010			09-10
10 57	26.520			44	10															10					10-11
11 53	26.480			45	10															10					11-12
12 59	26.460			47	10	10	Sc	M33												10	8	070			12-13
13 58	26.430			47	10															10					13-14
14 52	26.410			58	10															10					14-15
15 50	26.400			60	10	10	Sc	M30												10	6	.060			15-16
16 50	26.360			58	10															9					16-17
17 51	26.340			58	10															9					17-18
18 50	26.340			58	10	10	Sc	M30												10	6	.060			18-19
19 51	26.310			56	10															10					19-20
20 52	26.310			58	10															10					20-21
21 50	26.280			65	8	8	Sc	M30												8	8	.060			21-22
22 50	26.280			63	10															10					22-23
23 50	26.250			60	9															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353		0	0		32	28										
	0353	1	0	0	0	35	28		0								
	0957	2	0	0	0	38	28		0								
	1548	3	0	0	0	47	38		0								
	2148	4	0	0	0	47	44		0								
	MID.		0	0	0	46	44										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.530	26.400	26.280
BAROGRAPH 64	26.545	26.515	26.385	26.275
BAR. CORR. 65	+.015	+.015	+.015	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	28	0	0	0	37	SW	1942					10	10		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 06:54 SUNSET 16:33

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1053P/0357P/

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: DEC 25 1988

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	30 SCT E60 BKN	20			018	45	31	20	23 G36		960	817 1500 PK WND 2040/21	DCa
SA	0150	30 SCT 60 SCT	20			018	44	33	20	25 G46		960	PK WND 2046/38	DCa
SA	0250	60 SCT 250 SCT	20			026	43	30	20	23 G34		962	PK WND 2041/04	DCa
SA	0354	60 SCT	20			025	41	23	21	18		962	107 1500 41	JP
/	/												RADAT 60055	/
SA	0452	55 SCT	20			030	39	21	23	16		963		JP
SA	0555	55 SCT	20			040	38	20	23	13		965		JP
SA	0655	M50 BKN	20			046	37	20	28	05		967	317 1500	JP
SA	0753	50 SCT	20			055	37	22	30	06		970		JP
SA	0856	50 SCT	20			060	41	20	26	10		972		JP
SA	0953	CLR	20			068	42	19	23	15		974	FEW SC S/220 1500 37	JP
SA	1055	40 SCT	20			071	43	19	24	14		975		JP
SA	1154	40 SCT	20			067	43	16	25	14		974		JP
SA	1256	40 SCT	20			059	45	14	21	14		972	807 1100	JP
SA	1356	40 SCT	20			059	45	11	03	13		972		JP
SA	1450	40 SCT	20			064	45	8	32	11		973		JP
SA	1557	50 SCT	20			070	42	4	32	10		974	307 1200 45 RADAT 22051	EP
SA	1653	M60 BKN 2000 OVC	20			085	39	4	34	11		977		EP
SA	1750	M50 BKN	20			094	38	10	01	08		980		EP
SA	1856	40 SCT M60 OVC	20			103	37	11	02	13		982	124 1400	EP
SA	1953	40 SCT M60 BKN	20			110	36	12	05	10		984		EP
SA	2054	40 SCT M60 BKN	20			112	36	9	03	14		985		EP
SA	2155	40 SCT M60 BKN	20			117	34	9	01	07		986	114 1400 46	EP
SA	2252	60 SCT 120 SCT	20			125	31	11	36	08		988		EP
SA	2354	120 SCT	20			130	30	10	31	05		990		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SURFACE WEATHER OBSERVATIONS

DATE **DEC 25 1988**

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 51	26.230			58	8	3	Sc	30	5	Sc	E60	8								8	8	.050			00-01
01 50	26.230			65	5															5					01-02
02 50	26.250			60	5															5					02-03
03 54	26.250			49	2	2	Sc	60												2	1	020			03-04
04 52	26.260			48	5															5					04-05
05 55	26.280			48	4															4					05-06
06 55	26.300			50	6	6	Sc	M50												6	3	050			06-07
07 53	26.320			54	1															1					07-08
08 56	26.340			43	1															1					08-09
09 53	26.360			39	0	0	Sc	50												0	2	060			09-10
10 53	26.370			38	1															1					10-11
11 54	26.360			33	1															1					11-12
12 56	26.340			28	2	2	Cu	40												2	8	020			12-13
13 56	26.340			25	5															5					13-14
14 50	26.350			22	5															5					14-15
15 57	26.360			20	5	5	Cu	50												5	3	.020			15-16
16 53	26.390			23	10															9					16-17
17 50	26.410			31	9															9					17-18
18 56	26.430			34	10	3	Cu	40	7	Sc	M60	10								10	1	.070			18-19
19 53	26.450			37	9															9					19-20
20 54	26.460			32	9															9					20-21
21 55	26.470			35	8	1	Cu	40	7	Sc	M60	8								8	1	.040			21-22
22 52	26.490			43	5															4					22-23
23 54	26.500			43	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 0352	X	0	0	X	46	41	X	X						X		
	0352	1	0	0	0	46	41		0								
	0951	2	0	0	0	42	37		0								
	1551	3	0	0	0	45	42		0								
	2151	4	0	0	0	42	34		0								
	MID.	X	0	0	0	34	29	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.250	26.360	26.360	26.470
BAROGRAPH 64	26.225	26.350	26.350	26.465
BAR. CORR. 65	+025	+010	+010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM 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
46	29	0	0	0	46	5	0138					3	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 06:54 SUNSET 16:34

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 CORRECT TO NEAREST MINUTE AT: 1062 7P / 2130 /

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: DEC. 26, 1988

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			132	25	11	00	00		990	110 1030	EP
SA	0151	CLR	20			138	27	10	17	04		992		EP
SA	0250	220 - SCT	20			147	25	11	09	04		994		EP
SA	0354	200 - SCT	20			155	24	11	06	03		995	117 1001 23 RADAT	JP
													ZERO	
SA	0453	200 - SCT	20			161	22	11	35	03		996		JP
SA	0557	200 - SCT	20			170	21	11	16	04		999		JP
SA	0656	200 - SCT	20			174	29	10	32	14		001	317 ~~1501~~ 1501	JP
SA	0754	CLR	20			181	30	11	34	06		003	FEW Sc Ac	JP
SA	0853	200 - SCT	20			185	34	10	29	03		005		JP
SA	0952	CLR	20			195	33	9	34	05		007	FEW Sc Ci / 220 1501 19	JP
SA	1053	CLR	20			196	35	9	35	09		007	FEW Sc Ci	JP
SA	1154	CLR	20			200	36	9	33	08		008	FEW Cu	JP
SA	1255	CLR	20			195	38	7	01	13		006	FEW Cu / 803 1100	JP
SA	1354	CLR	20			201	37	6	02	11		008	FEW Cu	JP
SA	1452	CLR	20			214	36	7	35	15		012	FEW Cu	JP
SA	1557	CLR	20			225	34	5	36	10		014	224 38 RADAT 31040	EP
SA	1652	CLR	20			236	32	4	01	10		016		EP
SA	1750	CLR	20			246	29	6	03	12		018		EP
SA	1853	CLR	20			250	27	9	02	08		020	220	EP
SA	1953	CLR	20			254	26	8	06	08		022		EP
SA	2052	CLR	20			254	26	7	04	11		023		EP
SA	2155	CLR	20			264	24	6	05	12		025	314 38	EP
SA	2251	CLR	20			266	24	5	07	13		026		EP
SA	2352	CLR	20			261	24	4	05	13		025		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE DEC 26, 1988

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	26.500			55	0	0	Ac	120												0	1	.030			00-01
01 51	26.520			48	0															0					01-02
02 50	26.540			55	3															1					02-03
03 54	26.550			57	1	1	Ci	200												0	1	050			03-04
04 53	26.560			62	1															0					04-05
05 57	26.580			65	1															0					05-06
06 56	26.600			45	1	0	Sc	60	1	Ci	200	1								0	3	050			06-07
07 54	26.620			45	0															0					07-08
08 53	26.640			37	1															0					08-09
09 52	26.660			36	0	0	Sc	60	0	Ci	200	0								0	2	060			09-10
10 53	26.660			34	0															0					10-11
11 54	26.670			32	0															0					11-12
12 55	26.650			27	0	0	Cu	50												0	8	010			12-13
13 54	26.670			27	0															0					13-14
14 52	26.700			29	0															0					14-15
15 57	26.720			29	0															0	2	.070			15-16
16 52	26.740			30	0															0					16-17
17 50	26.760			37	0															0					17-18
18 53	26.780			46	0															0	2	.060			18-19
19 53	26.790			46	0															0					19-20
20 52	26.800			44	0															0					20-21
21 55	26.820			46	0															0	3	.040			21-22
22 51	26.830			44	0															0					22-23
23 52	26.820			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 0352	X	0	0	X	30	23	X	X						X		
	0352	1	0	0	0	34	23		0								
	0950	2	0	0	0	34	19		0								
	1552	3	0	0	0	38	33		0								
	2152	4	0	0	0	34	24		0								
	MID.	X	0	0	0	25	23	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.660	26.720	26.820
BAROGRAPH 64	26.530	26.660	26.720	26.820
BAR. CORR. 65	+020	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM 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
38	19	0	0	0	23	N	1422					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 0654 SUNSET 1634

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 CORRECT TO NEAREST MINUTE AT: 1051PI 2035 I

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE DEC. 27, 1988

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	0053	CLR	20			261	22	4	04	10		025	000	EP
SA	0152	CLR	20			266	22	4	03	07		026		EP
SA	0250	CLR	20			271	22	4	04	13		027		EP
SA	0354	CLR	20			272	22	4	05	06		027	107 20 RADAT ZERO	JP
SA	0459	CLR	20			272	20	4	06	10		026		JP
SA	0557	CLR	20			279	19	4	06	09		027		JP
SA	0658	200 SCT	20			281	18	4	12	04		027	500 1005	JP
SA	0754	200-SCT	20			271	22	4	05	07		025		JP
SA	0852	200-BKN	20			272	26	4	32	03		026		JP
SA	0952	200-BKN	20			273	27	4	36	05		026	503 1006 17	JP
SA	1054	200-SCT	20			259	29	3	12	03		023		JP
SA	1152	CLR	20			237	32	3	15	10		017	FEW C1	JP
SA	1256	CLR	20			226	34	3	12	11		014	FEW C1 / 737 1005	JP
SA	1353	200-SCT	20			218	35	4	14	07		012		JP
SA	1450	200-SCT	20			206	35	4	12	13		008		JP
SA	1556	E150 BKN 200 BKN	20			200	34	4	14	08		006	724 ~~1071~~ 1071 36 RADAT 25035	EP
SA	1654	170 SCT E230 BKN	20			203	32	1	14	11		006		EP
SA	1753	170 SCT 230-BKN	20			209	30	5	11	07		007		EP
SA	1853	170 SCT E230 OVC	20			210	29	5	33	07		007	103 1077	EP
SA	1952	170 SCT E230 OVC	20			208	29	5	31	08		007		EP
SA	2052	M45 BKN 120 OVC	20			202	28	7	29	05		006		EP
SA	2155	M45 BKN 120 OVC	20			200	28	8	28	08		006	603 157/36	EP
SA	2252	25 SCT M41 BKN	20			195	28	9	28	03		005		EP
SA	2353	25 SCT M38 OVC	20			192	28	8	28	03		005		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII [illegible] Nddff 1s TTT 2s T T T 3P P P P 4PPPP 5appp 6RRRtp 7wwW W 8N C C C plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE DEC. 27, 1988

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 53	26.820			45	0															0	0	.000			00-01
01 52	26.830			45	0															0					01-02
02 50	26.840			45	0															0					02-03
03 54	26.840			45	0															0	1	.020			03-04
04 59	26.830			50	0															0					04-05
05 57	26.840			52	0															0					05-06
06 58	26.840			54	1	1	Ci	200												1	5	.000			06-07
07 54	26.820			45	3															1					07-08
08 52	26.830			38	7															2					08-09
09 52	26.830			37	9	9	Ci	200												3	5	.010			09-10
10 54	26.800			32	4															2					10-11
11 52	26.750			29	0															0					11-12
12 56	26.720			27	0	0	Ci	200												0	7	.110			12-13
13 53	26.700			27	1															0					13-14
14 50	26.670			27	1															0					14-15
15 56	26.650			28	8	7	Ac	E160	1	Ci	200	8								7	7	.070			15-16
16 54	26.650			26	8															5					16-17
17 53	26.660			34	6															2					17-18
18 53	26.660			36	10	1	Ac	170	10	Cs	E230	10								9	1	.010			18-19
19 52	26.660			36	10															9					19-20
20 52	26.650			41	10															10					20-21
21 55	26.650			43	10	7	Sc	MAS	3	Ac	120	10								10	6	.010			21-22
22 52	26.640			44	9															9					22-23
23 53	26.640			43	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 0352	X	0	0	X	24	20	X	X						X		
	0352	1	0	0	0	25	20		0								
	0950	2	0	0	0	27	17		0								
	1552	3	0	0	0	36	27		0								
	2152	4	0	0	0	35	28		0								
	MID.	X	0	0	0	29	28	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.840	26.830	26.650	26.650
BAROGRAPH 64	26.830	26.820	26.660	26.655
BAR. CORR. 65	+010	+010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM 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
36	17	0	0	0	18	SE	1217					3	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 0655 SUNSET 1635

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 CORRECT TO NEAREST MINUTE AT: 1053P / 2035 /

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE DEC. 28, 1988

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SP	0017	M22 OVC	7		SW-				12	03		005	SB09	EP
SA	0053	-X E20 OVC	5		SW-	191	28	21	10	05		005	S2 SB09 ~~603~~ 60300 15//	EP
SA	0151	E25 OVC	10		SW-	191	28	16	03	09		005		EP
SA	0250	E25 OVC	7		SW-	192	26	22	03	12		005		EP
SA	0350	E 20 OVC	4		SW-	198	26	22	03	10		006	30303 15// 25 20003 RADAT ZERO	CH
SA	0450	E 26 OVC	6		SW-	197	25	22	03	09		005		CH
SA	0550	M 28 OVC	6		SW-	202	25	22	04	12		006		CH
SA	0650	M 28 BKN	7			210	23	21	06	07		008	SE35/307011500	CH
SP	0705	35 SCT E 200 BKN	7						06	08		008		CH
SA	0750	200-BKN	7			209	25	20	03	10		008	FEW SC	CH
SA	0850	200-BKN	7			216	27	20	03	10		011	FEW SC	CH
SA	0950	200-SCT	7			219	28	20	03	10		012	31001 1501 23	CH
SA	1050	200-SCT	10			215	32	18	30	05		012	FEW SC	CH
SA	1150	E200 BKN	10			206	34	19	33	05		009	FEW SC	CH
SA	1250	E200 BKN	10			203	34	16	31	08		008	810 1506	CH
SA	1350	200-BKN	10			203	36	18	32	10		008	FEW SC	CH
SA	1450	200-BKN	10			203	36	18	05	05		008	FEW SC	CH
SA	1556	200-BKN	20			208	34	18	04	08		009	303 1508 37 RADAT 44036	EP
SA	1653	200-SCT	20			215	31	17	04	08		011		EP
SA	1752	CLR	20			224	30	18	05	10		013		EP
SA	1851	CLR	20			235	28	18	04	10		015	317 1500	EP
SA	1954	CLR	20			240	28	12	05	15		017		EP
SA	2052	CLR	20			246	28	10	05	13		019		EP
SA	2152	CLR	20			252	26	9	04	14		020	117 37	EP
SA	2250	CLR	20			257	25	12	03	15		023		EP
SA	2352	CLR	20			256	24	11	05	15		023		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

[illegible], LOGAN ROCK [illegible]

SURFACE WEATHER OBSERVATIONS

DATE DEC 28, 1988

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 53	26.640			75	10	2	S	—	8	Sc	E20	10								10	6	.010			00-01
01 51	26.640			60	10															10					01-02
02 50	26.640			85	10															10					02-03
03 50	26.650			85	10	10	SC	E20												10	3	.010			03-04
04 50	26.640			88	10															10					04-05
05 50	26.650			88	10															10					05-06
06 50	26.670			92	6	6	SC	M28												6	3	.020			06-07
07 50	26.670			81	6															2					07-08
08 50	26.690			75	6															2					08-09
09 50	26.700			72	4	0	SC	40	4	Ci	200	4								1	3	.030			09-10
10 50	26.700			56	4															1					10-11
11 50	26.680			54	8															6					11-12
12 50	26.670			47	9	0	SC	40	9	CS	E200	9								7	8	.030			12-13
13 50	26.670			48	9															4					13-14
14 50	26.670			48	9															4					14-15
15 56	26.680			52	6	0	Sc	35	6	CS	200	6								0	3	.010			15-16
16 53	26.690			56	2															0					16-17
17 52	26.710			61	0															0					17-18
18 51	26.730			66	0	0	Sc	35												0	3	.050			18-19
19 54	26.750			51	0															0					19-20
20 52	26.770			46	0															0					20-21
21 52	26.780			48	0															0	1	.050			21-22
22 50	26.800			58	0															0					22-23
23 52	26.800			57	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		.03	0.3		29	25										
	0348	1	.03	0.3	T	29	25		6								
	0948	2	.01	0.1	T	29	23		6								
	1552	3	0	0	0	37	28		0								
	2149	4	0	0	0	34	26		0								
	MID.		0	0	0	26	24										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.700	26.680	26.780
BAROGRAPH 64	26.640	26.690	26.685	26.780
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 UNML TD (Ins.) 69	0400P SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
37	23	.04	.4	T	20	NE	2340					7	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SW-	0009	0635			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0655 SUNSET 1635

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 CORRECT TO NEAREST MINUTE AT: 1041P/1937/

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: DEC. 29, 1988

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			~~257~~ ~~023~~	24	10	05	12		023	107	EP
SA	0157	CLR	20			258	23	9	05	17		024		EP
SA	0250	CLR	20			258	23	9	03	18		025		EP
SA	0350	CLR	20			269	21	8	05	14		026	210 21 20001 RADAT ZERO	CH
SA	0450	CLR	20			271	21	8	05	15		026		CH
SA	0550	CLR	20			280	21	8	05	15		028		CH
SA	0650	CLR	20			289	22	6	05	16		030	314	CH
SA	0750	CLR	20			294	25	7	03	10		033		CH
SA	0850	CLR	20			294	26	6	03	15		033		CH
SA	0950	CLR	20			292	30	7	03	15		033	107 21	CH
SA	1050	CLR	20			287	32	7	03	15		032		CH
SA	1150	CLR	20			274	36	7	03	11		028		CH
SA	1250	CLR	20			265	37	7	01	12		026	720	CH
SA	1350	CLR	20			260	39	6	01	10		025		CH
SA	1450	CLR	20			260	40	6	02	10		025		CH
SA	1555	CLR	20			259	39	8	06	10		025	805 1001 40 RADAT 24045	CRD
SA	1656	CLR	20			264	36	3	06	08		025	FEW CI	CRD
SA	1752	CLR	20			269	33	7	04	10		026		CRD
SA	1850	CLR	20			275	31	8	06	11		027	208	CRD
SA	1955	CLR	20			274	32	6	01	13		028		CRD
SA	2050	CLR	20			274	32	5	03	07		028		CRD
SA	2153	CLR	20			272	27	5	12	04		027	000 40	CRD
SA	2252	CLR	20			268	30	7	02	10		027		CRD
SA	2353	CLR	20			265	24	7	10	06		026		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WMO, BLUE ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE DEC. 29, 1988

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	26.800			55	0															0	1	.020			00-01
01 57	26.810			55	0															0					01-02
02 50	26.820			55	0															0					02-03
03 50	26.830			57	0															0	2	.030			03-04
04 50	26.830			57	0															0					04-05
05 50	26.850			57	0															0					05-06
06 50	26.870			50	0															0	3	.040			06-07
07 50	26.890			46	0															0					07-08
08 50	26.890			42	0															0					08-09
09 50	26.890			37	0															0	1	.020			09-10
10 50	26.880			35	0															0					10-11
11 50	26.850			29	0															0					11-12
12 50	26.830			28	0															0	7	.060			12-13
13 50	26.820			25	0															0					13-14
14 50	26.820			24	0															0					14-15
15 55	26.815			27	0	0	CL	250												0	8	.015			15-16
16 56	26.820			24	0															0					16-17
17 52	26.825			33	0															0					17-18
18 50	26.840			38	0															0	2	.025			18-19
19 55	26.845			33	0															0					19-20
20 50	26.845			31	0															0					20-21
21 53	26.840			39	0															0	0	.000			21-22
22 52	26.890			37	0															0					22-23
23 53	26.830			48	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	24	21	X	X						X		
	0348	1	0	0	0	26	21		0								
	0948	2	0	0	0	30	21		0								
	1550	3	0	0	0	40	29		0								
	2149	4	0	0	0	39	26		0								
	MID.	X	0	0	0	30	23	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.890	26.815	26.840
BAROGRAPH 64	26.830	26.890	26.830	26.855
BAR. CORR. 65	± 0	± 0*	-.015	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
40	21	0	0	0	27	NE	0634					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 0655 SUNSET 1636

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 CORRECT TO NEAREST MINUTE AT: 1051 0P/2100P/

*BAROGRAPH CHANGED AND RESET

MF 1-10A
(5-83)

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

STATION: WBAO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: DEC 30 1988

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10s-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	CLR	20			264	26	7	21	05		026	603	CRD
SA	0154	CLR	20			263	22	8	11	06		026		CRD
SA	0252	CLR	20			260	22	8	07	07		025		CRD
SA	0350	CLR	20			261	21	8	09	05		025	603 21 RADAT 49H055083	CH
SA	0450	CLR	20			257	20	8	05	06		023		CH
SA	0550	CLR	20			260	20	8	09	04		023		CH
SA	0650	CLR	20			261	20	8	09	04		023	607	CH
SA	0750	CLR	20			256	25	8	12	04		023		CH
SA	0850	CLR	20			254	29	9	00	00		023		CH
SA	0950	CLR	20			253	35	9	00	00		023	400 19	CH
SA	1050	CLR	20			236	39	8	00	00		019		CH
SA	1150	250-SCT	20			223	41	8	00	00		015		CH
SA	1250	250-SCT	20			205	43	9	22	06		011	737 1001	CH
SA	1350	250-BKN	20			200	43	11	20	07		008		CH
SA	1450	250-BKN	20			196	46	12	25	05		007		CH
SA	1551	250-BKN	20			185	45	9	13	11		004	720 1009 46 RADAT 42H 069088	CRD
SA	1650	250-BKN	20			186	40	6	14	10		004		CRD
SA	1752	250-BKN	20			188	37	6	12	12		003		CRD
SA	1855	250-SCT	20			186	34	9	12	10		002	707 1001	CRD
SA	1953	250-SCT	20			178	34	10	05	07		001		CRD
SA	2051	250-SCT	20			178	30	11	04	03		001		CRD
SA	2150	250-SCT	20			177	31	10	18	05		002	500 1001 46	CRD
SA	2253	250-SCT	20			172	25	11	21	03		000		CRD
SA	2355	~~25~~ CLR	20			160	28	11	17	05		997		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic 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$N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE DEC 30 1988

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	54	26.830		44	0															0	6	.010			00-01
01	54	26.825		54	0															0					01-02
02	52	26.820		54	0															0					02-03
03	50	26.820		57	0															0	6	.010			03-04
04	50	26.800		59	0															0					04-05
05	50	26.800		59	0															0					05-06
06	50	26.800		59	0															0	6	.020			06-07
07	50	26.800		48	0															0					07-08
08	50	26.800		43	0															0					08-09
09	50	26.800		34	0															0	4	.000			09-10
10	50	26.770		27	0															0					10-11
11	50	26.730		25	2															0					11-12
12	50	26.690		25	4	4	Ci	250												0	7	.110			12-13
13	50	26.670		27	7															0					13-14
14	50	26.660		25	8															1					14-15
15	51	26.630		23	7	7	Cc	250												3	7	.060			15-16
16	50	26.625		24	7															3					16-17
17	52	26.620		27	6															2					17-18
18	55	26.610		35	3	3	Ci	250												1	7	.020			18-19
19	53	26.600		37	2															0					19-20
20	51	26.600		45	2															0					20-21
21	50	26.610		41	1	1	Ci	250												0	5	.000			21-22
22	53	26.590		55	1															0					22-23
23	55	26.570		48	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		26	21										
	0348	1	0	0	0	30	21		0								
	0948	2	0	0	0	35	19		0								
	1547	3	0	0	0	46	35		0								
	2147	4	0	0	0	45	30		0								
	MID.		0	0	0	31	25										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.800	26.630	26.610
BAROGRAPH 64	26.830	26.800	26.640	26.610
BAR. CORR. 65	-.010	± 0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
46	19	0	0	0	17	SE	1921					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 0656 SUNSET 1637

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 CORRECT TO NEAREST MINUTE AT: 1043OP/2000 P1

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WEMO, DESERT ROCK NEVADA

DATE: DEC 31 1988

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	0053	CLR	20			155	28	11	09	08		996	717	CRD
SA	0156	CLR	20			151	24	12	10	06		995		CRD
SA	0251	CLR	20			143	26	12	28	08		993		CRD
SA	0350	CLR	20			146	26	12	08	08		994	507 23 RADAT ZERO	CH
SA	0450	CLR	20			155	26	12	00	00		995		CH
SA	0550	250 SCT	20			160	27	14	00	00		996		CH
SA	0650	40 SCT E250 BKN	20			163	25	14	01	05		996	107 1501	CH
SA	0750	40 SCT E250 BKN	20			164	30	14	00	00		997		CH
SA	0850	M38 BKN 250 OVC	20			168	33	14	00	00		999		CH
SA	0950	40 SCT E250 OVC	20			168	37	13	01	06		000	210 1501 23	CH
SA	1050	40 SCT E250 OVC	20			166	41	13	05	05		999		CH
SA	1150	40 SCT E250 OVC	20			156	40	12	12	16		996		CH
SA	1250	50 SCT E250 OVC	20			151	42	13	12	14		995	714 1501	CH
SA	1350	50 SCT E250 OVC	20			151	42	13	11	14		994		CH
SA	1450	45 SCT E250 OVC	20			148	42	13	11	14		994		CH
SA	1555	M38BKN 250OVC	20			152	41	16	12	12		995	SWU SE/502 1501 43	CRD
													RADAT 43053	
SA	1656	M35BKN 250OVC	20			160	38	21	13	16		996	SWU E-S	CRD
SA	1750	M38 OVC	20		SW-	166	34	24	12	16	G21	997	SB03	CRD
SA	1850	M38OVC	20			172	34	31	13	14		999	SE06/21200 15//	CRD
SA	1954	M45OVC	20			170	35	30	12	10		000		CRD
SA	2059	M45OVC	20			175	36	28	11	08		002		CRD
SA	2151	45 SCT M65BKN 250OVC	20			172	35	28	12	08		002	11000 1501 43	CRD
SA	2252	M45 OVC	20			182	36	29	09	07		005		CRD
SA	2352	M55 OVC	20			178	36	27	08	07		004		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE DEC 31 1988

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 53	26.560			48	0															0	7	.050			00-01
01 56	26.545			60	0															0					01-02
02 51	26.530			55	0															0					02-03
03 50	26.540			55	0															0	5	.020			03-04
04 50	26.550			55	0															0					04-05
05 50	26.560			58	3															3					05-06
06 50	26.560			63	8	4	SC	40	4	CI	E250	8								7	1	.020			06-07
07 50	26.570			51	9															7					07-08
08 50	26.580			45	10															7					08-09
09 50	26.590			37	10	4	SC	40	6	CI	E250	10								6	2	.030			09-10
10 50	26.580			32	10															7					10-11
11 50	26.560			32	10															8					11-12
12 50	26.550			30	10	4	SC	50	6	CI	E250	10								9	7	.040			12-13
13 50	26.540			30	10															10					13-14
14 50	26.540			30	10															10					14-15
15 55	26.545			36	10	6	SC	M38	4	CI	250	10								10	5	.005			15-16
16 56	26.560			50	10															10					16-17
17 50	26.570			67	10															10					17-18
18 50	26.580			89	10	10	SC	M38												10	2	.035			18-19
19 54	26.590			82	10															10					19-20
20 59	26.610			73	10															10					20-21
21 51	26.610			75	10	4	SC	45	3	SC	M65	7	3	CI	250	10				10	1	.030			21-22
22 52	26.640			70	10															7					22-23
23 52	26.630			70	10															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	29	23	X	X						X		
	0348	1	0	0	0	31	23		0								
	0948	2	0	0	0	37	24		0								
	1550	3	0	0	0	43	37		0								
	2148	4	T	T	0	41	33		0								
	MID.	X	0	0	0	36	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.590	26.545	26.610
BAROGRAPH 64	26.535	26.580	26.545	26.610
BAR. CORR. 65	+.005	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
43	23	T	T	0	25	SE	1716					10	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SW-	1703	1806			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0656 SUNSET 1638

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 CORRECT TO NEAREST MINUTE AT: 1050OPI 1800 I

T MZZD AS IT FELL