WMO Headings for 3-km Alaska Gridded MOS Products

WMO headings have the format of $T_1T_2A_1A_2$ii CCCC

1. The CCCC for all gridded MOS product WMO headings is **KWBQ**.

2. The T_1 values for 3-km Alaska GMOS products based on the global model are **L** and **M**.

3. The T_2 represents the weather element type designator. When feasible, these values match those used for the NDFD WMO headers.

The following T_2 values are used for T_1 = **L**:

A = sky cover
B = wind direction at sensor height (nominally, 10 m)
C = wind speed at sensor height (nominally, 10 m)
D = probability of precipitation (12 h)
E = temperature at sensor height (nominally, 2 m)
F = dewpoint temperature at sensor height (nominally, 2 m)
G = daytime maximum temperature at sensor height (nominally, 2 m)
H = nighttime minimum temperature at sensor height (nominally, 2 m)
I = quantitative precipitation (6 h)
J = thunderstorms (6 h)
K = severe weather (6 h)
L = precipitation type best category
M = precipitation potential index (a.k.a. "floating 12-h PoP")
N = probability of precipitation occurrence (on the hour)
O = obstruction to vision
P = visibility
Q = ceiling height
R = relative humidity
S = snowfall amount (24 h)
T = apparent temperature
U = probability of precipitation (6 h)
V = quantitative precipitation (12 h)
W = wind gusts
X = thunderstorms (12 h)
Y = thunderstorms (3 h)
Z = predominant weather

The following T_2 values are used for T1 = **M**:

A = conditional probability of freezing precipitation
B = conditional probability of frozen precipitation
C = conditional probability of liquid precipitation
D = unassigned

E = unassigned
F = unassigned
G = unassigned
H = unassigned
I = unassigned
J = unassigned
K = unassigned
L = unassigned
M = unassigned
N = unassigned
O = unassigned
P = unassigned
Q = unassigned
R = unassigned
S = unassigned
T = unassigned
U = unassigned
V = unassigned
W = unassigned
X = unassigned
Y = unassigned
Z = unassigned

4. The A_1 designates the geographical area. The following designators follow the conventions established in the NDFD WMO headers.
A = Puerto Rico
R = Alaska
S = Hawaii
T = Guam
U = CONUS

5. The A_2 and ii follow the convention established in the NDFD. These three characters together represent the day and hour (UTC) for which the product is valid. The following convention for A_2 and ii is used for the gridded MOS products:

A = Day 0; ii = hour (0-23)
B = Day 1; ii = hour (0-23)
C = Day 2; ii = hour (0-23)
D = Day 3; ii = hour (0-23)
E = Day 4; ii = hour (0-23)
F = Day 5; ii = hour (0-23)
G = Day 6; ii = hour (0-23)
H = Day 7; ii = hour (0-23)
I = Day 8; ii = hour (0-23)
J = Day 9; ii = hour (0-23)

For super headers the grids for days 1-3, 4-7, and 8 and beyond are grouped as follows (Note: As of 12/2013 superheaders apply only to precipitation type, PoPO, PPI, and predominant weather):

Days 1-3: A_2 = **Z**, ii = 98
Days 4-7: A_2 = **Z**, ii = 97
Days 8 and beyond: A_2 = **Z**, ii = 96

Table 1. WMO headers and product sizes for the 3-km Alaska gridded MOS suite.

Element	Header Category	No. of grids per cycle	First/Last Proj./Time Increment (hr)	Bytes per grid/cycle
Total sky cover	LARA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	150K /3.5MB (00Z) 150K /4.0MB (12Z)
	LARA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	160K /6.5MB (00Z) 160K /5.7MB (12Z)
Wind Direction	LBRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	300K /7MB (00Z) 300K /8MB (00Z)
	LBRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	300K /12MB (00Z) 300K /10MB (12Z)
Wind Speed	LCRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	250K /5.7MB (00Z) 250K /6.8MB (12Z)
	LCRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	250K /10MB (00Z) 250K /9MB (12Z)
PoP (12h)	LDRA$_2$ii	10 (00Z) 12 (12Z)	18/72/12 (00Z) 18/84/12 (12Z)	150K /1.5MB (00Z) 150K /1.9MB (12Z)
	LDRA$_2$ii	20 (00Z) 18 (12Z)	78/192/12 (00Z) 90/192/12 (12Z)	150K /3MB (00Z) 150K /2.8MB (12Z)
Temperature	LERA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	250K /6MB (00Z) 250K /7MB (12Z)
	LERA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	250K /10MB (00Z) 250K /9MB (12Z)
Dew Point	LFRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	240K /5.5MB (00Z) 240K /6.5MB (12Z)
	LFRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	240K /9.5MB (00Z) 240K /8.5MB (12Z)
Daytime Max	LGRA$_2$ii	3 (00Z) 3 (12Z)	24/74/24 (00Z) 36/84/24 (12Z)	250K /760KB (00Z) 250K /760KB (12Z)
	LGRA$_2$ii	5 (00Z) 4 (12Z)	96/192/24 (00Z) 108/180/24 (12Z)	250K /1.3MB (00Z) 250K /1.0MB (12Z)
Nighttime Min	LHRA$_2$ii	2 (00Z) 3 (12Z)	36/60/24 (00Z) 24/72/24 (12Z)	250K /500KB (00Z) 250K /750KB (12Z)
	LHRA$_2$ii	5 (00Z) 5 (12Z)	84/180/24 (00Z) 96/192/24 (12Z)	250K /1.3MB (00Z) 250K /1.3MB (12Z)
6-h QPF	LIRA$_2$ii	11 (00Z) 13 (12Z)	12/72/6 (00Z) 12/84/6 (12Z)	270K /3MB (00Z) 270K /3.5MB (12Z)
	LIRA$_2$ii	14 (00Z) 12 (12Z)	78/156/24 (00Z) 90/156/6 (12Z)	250K /3.5MB (00Z) 250K /3MB (12Z)
6-h thunderstorm probability	LJRA$_2$ii	11 (00Z) 13 (12Z)	12/72/6 (00Z) 12/84/6 (12Z)	100K /1.1MB (00Z) 100K /1.3MB (12Z)
	LJRA$_2$ii	20 (00Z) 18 (12Z)	78/192/6 (00Z) 90/192/6 (12Z)	100K /2MB (00Z) 100K /1.8MB (12Z)
Precipitation Type Best Category	LLRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	75K /1.7MB (00Z) 75K /2MB (12Z)
	LLRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	80K /3.3MB (00Z) 80K /3MB (12Z)
Precipitation potential	LMRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	220K /4.5MB (00Z) 200K /5.2MB (12Z)

index (PPI)	LMRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	195K /6.4MB (00Z) 190K /3.5MB (12Z)
Probability of precipitation occurrence (PoPO)	LNRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	150K /3.5MB (00Z) 150K /4MB (12Z)
	LNRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	150K /6MB (00Z) 150K /5.5MB (12Z)
Relative Humidity	LRRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	215K /5MB (00Z) 215K /5.7MB (12Z)
	LRRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	215K /8.5MB (00Z) 215K /7.5MB (12Z)
24-h snowfall amount	LSRA$_2$ii	5 (00Z) 5 (12Z)	24/72/12 (00Z) 24/72/12 (12Z)	200K /1MB (00Z) 200K /1MB (12Z)
	LSRA$_2$ii	7 (00Z) 7 (12Z)	84/156/12 (00Z) 84/156/12 (12Z)	200K /1.5MB (00Z) 200K /1.5MB (12Z)
PoP (6h)	LURA$_2$ii	11 (00Z) 13 (12Z)	12/72/6 (00Z) 12/84/6 (12Z)	150K /1.7MB (00Z) 150K /2MB (12Z)
	LURA$_2$ii	20 (00Z) 18 (12Z)	78/192/6 (00Z) 90/192/6 (12Z)	150K /3MB (00Z) 150K /2.7MB (12Z)
12-h QPF	LVRA$_2$ii	10 (00Z) 12 (12Z)	18/72/6 (00Z) 18/84/6 (12Z)	350K /3.5MB (00Z) 350K /4MB (12Z)
	LVRA$_2$ii	14 (00Z) 12 (12Z)	78/156/6 (00Z) 90/156/6 (12Z)	300K /4MB (00Z) 300K /3MB (12Z)
Wind Gusts	LWRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	260K /6MB (00Z) 260K /7MB (12Z)
	LWRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	250K /10MB (00Z) 250K /9MB (12Z)
12-h thunderstorm probability	LXRA$_2$ii	10 (00Z) 12 (12Z)	18/72/6 (00Z) 18/84/6 (12Z)	100K /1MB (00Z) 100K /1.2MB (12Z)
	LXRA$_2$ii	20 (00Z) 18 (12Z)	78/192/6 (00Z) 90/192/6 (12Z)	100K /2MB (00Z) 100K /1.8MB (12Z)
3-h thunderstorm probability	LYRA$_2$ii	22 (00Z) 26 (12Z)	9/72/3 (00Z) 9/84/3 (12Z)	100K /2.2MB (00Z) 100K /2.6MB (12Z)
	LYRA$_2$ii	4 (00Z)	75/84/3 (00Z)	100K /400KB (00Z)
Predominant Weather	LZRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	100K /2.4MB (00Z) 100K /2.4MB (12Z)
	LZRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	90K /5.9MB (00Z) 90K /3.4MB (12Z)
Cond. prob. of freezing precipitation	MARA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	110K /2.5MB (00Z) 110K /3MB (12Z)
	MARA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	100K /4MB (00Z) 100K /3.6MB (12Z)
Cond. prob. of frozen precipitation	MBRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	170K /4MB (00Z) 170K /4.5MB (12Z)
	MBRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	190K /7.5MB (00Z) 190K /6.8MB (12Z)
Cond. prob. of liquid precipitation	MCRA$_2$ii	23 (00Z) 27 (12Z)	6/72/3 (00Z) 6/84/3 (12Z)	160K /3.7MB (00Z) 160K /4.3MB (12Z)
	MCRA$_2$ii	40 (00Z) 36 (12Z)	75/192/3 (00Z) 87/192/3 (12Z)	190K /7.5MB (00Z) 190K /6.8MB (12Z)

Table 2. WMO headers for the 3 km Alaska gridded MOS products.

Element	Superheader (or header category)	Product Headers
Total sky cover	$LARA_2ii$	LARA18 LARA21 LARB00 LARB03 LARB06 LARB09 LARB12 LARB15 LARB18 LARB21 LARC00 LARC03 LARC06 LARC09 LARC12 LARC15 LARC18 LARC21 LARD00 LARD03 LARD06 LARD09 LARD12 LARD15 LARD18 LARD21 LARE00
	$LARA_2ii$	LARE03 LARE06 LARE09 LARE12 LARE15 LARE18 LARE21 LARF00 LARF03 LARF06 LARF09 LARF12 LARF15 LARF18 LARF21 LARG00 LARG03 LARG06 LARG09 LARG12 LARG15 LARG18 LARG21 LARH00 LARH03 LARH06 LARH09 LARH12 LARH15 LARH18 LARH21 LARI00 LARI03 LARI06 LARI09 LARI12 LARI15 LARI18 LARI21 LARJ00
Wind Direction	$LBRA_2ii$	LBRA18 LBRA21 LBRB00 LBRB03 LBRB06 LBRB09 LBRB12 LBRB15 LBRB18 LBRB21 LBRC00 LBRC03 LBRC06 LBRC09 LBRC12 LBRC15 LBRC18 LBRC21 LBRD00 LBRD03 LBRD06 LBRD09 LBRD12 LBRD15 LBRD18 LBRD21 LBRE00
	$LBRA_2ii$	LBRE03 LBRE06 LBRE09 LBRE12 LBRE15 LBRE18 LBRE21 LBRF00 LBRF03 LBRF06 LBRF09 LBRF12 LBRF15 LBRF18 LBRF21 LBRG00 LBRG03 LBRG06 LBRG09 LBRG12 LBRG15 LBRG18 LBRG21 LBRH00 LBRH03 LBRH06 LBRH09 LBRH12 LBRH15 LBRH18 LBRH21 LBRI00 LBRI03 LBRI06 LBRI09 LBRI12 LBRI15 LBRI18 LBRI21 LBRJ00
Wind Speed	$LCRA_2ii$	LCRA18 LCRA21 LCRB00 LCRB03 LCRB06 LCRB09 LCRB12 LCRB15 LCRB18 LCRB21 LCRC00 LCRC03 LCRC06 LCRC09 LCRC12 LCRC15 LCRC18 LCRC21 LCRD00 LCRD03 LCRD06 LCRD09 LCRD12 LCRD15 LCRD18 LCRD21 LCRE00
	$LCRA_2ii$	LCRE03 LCRE06 LCRE09 LCRE12 LCRE15 LCRE18 LCRE21

		LCRF00 LCRF03 LCRF06 LCRF09 LCRF12 LCRF15 LCRF18 LCRF21 LCRG00 LCRG03 LCRG06 LCRG09 LCRG12 LCRG15 LCRG18 LCRG21 LCRH00 LCRH03 LCRH06 LCRH09 LCRH12 LCRH15 LCRH18 LCRH21 LCRI00 LCRI03 LCRI06 LCRI09 LCRI12 LCRI15 LCRI18 LCRI21 LCRJ00
PoP (12 h)	$LDRA_2ii$	LDRB06 LDRB12 LDRB18 LDRC00 LDRC06 LDRC12 LDRC18 LDRD00 LDRD06 LDRD12 LDRD18 LDRE00
	$LDRA_2ii$	LDRE06 LDRE12 LDRE18 LDRF00 LDRF06 LDRF12 LDRF18 LDRG00 LDRG06 LDRG12 LDRG18 LDRH00 LDRH06 LDRH12 LDRH18 LDRI00 LDRI06 LDRI12 LDRI18 LDRJ00
Temperature	$LERA_2ii$	LERA18 LERA21 LERB00 LERB03 LERB06 LERB09 LERB12 LERB15 LERB18 LERB21 LERC00 LERC03 LERC06 LERC09 LERC12 LERC15 LERC18 LERC21 LERD00 LERD03 LERD06 LERD09 LERD12 LERD15 LERD18 LERD21 LERE00
	$LERA_2ii$	LERE03 LERE06 LERE09 LERE12 LERE15 LERE18 LERE21 LERF00 LERF03 LERF06 LERF09 LERF12 LERF15 LERF18 LERF21 LERG00 LERG03 LERG06 LERG09 LERG12 LERG15 LERG18 LERG21 LERH00 LERH03 LERH06 LERH09 LERH12 LERH15 LERH18 LERH21 LERI00 LERI03 LERI06 LERI09 LERI12 LERI15 LERI18 LERI21 LERJ00
Dew Point	$LFRA_2ii$	LFRA18 LFRA21 LFRB00 LFRB03 LFRB06 LFRB09 LFRB12 LFRB15 LFRB18 LFRB21 LFRC00 LFRC03 LFRC06 LFRC09 LFRC12 LFRC15 LFRC18 LFRC21 LFRD00 LFRD03 LFRD06 LFRD09 LFRD12 LFRD15 LFRD18 LFRD21 LFRE00
	$LFRA_2ii$	LFRE03 LFRE06 LFRE09 LFRE12 LFRE15 LFRE18 LFRE21 LFRF00 LFRF03 LFRF06 LFRF09 LFRF12 LFRF15 LFRF18 LFRF21 LFRG00 LFRG03 LFRG06 LFRG09 LFRG12 LFRG15 LFRG18 LFRG21 LFRH00 LFRH03 LFRH06 LFRH09 LFRH12 LFRH15

		LFRH18 LFRH21 LFRI00 LFRI03 LFRI06 LFRI09 LFRI12 LFRI15 LFRI18 LFRI21 LFRJ00
Daytime Max	LGRA$_2$ii	LGRC00 LGRD00 LGRE00
	LGRA$_2$ii	LGRF00 LGRRG00 LGRH00 LGRI00 LGRJ00
Nighttime Min	LHRA$_2$ii	LHRB12 LHRC12 LHRD12
	LHRA$_2$ii	LHRE12 LHRF12 LHRG12 LHRH12 LHRI12
6-h QPF	LIRA$_2$ii	LIRB00 LIRB06 LIRB12 LIRB18 LIRC00 LIRC06 LIRC12 LIRC18 LIRD00 LIRD06 LIRD12 LIRD18 LIRE00
	LIRA$_2$ii	LIRE06 LIRE12 LIRE18 LIRF00 LIRF06 LIRF12 LIRF18 LIRG00 LIRG06 LIRG12 LIRG18 LIRH00 LIRH06 LIRH12
6-h tstorm prob	LJRA$_2$ii	LJRB00 LJRB06 LJRB12 LJRB18 LJRC00 LJRC06 LJRC12 LJRC18 LJRD00 LJRD06 LJRD12 LJRD18 LJRE00
	LJRA$_2$ii	LJRE06 LJRE12 LJRE18 LJRF00 LJRF06 LJRF12 LJRF18 LJRG00 LJRG06 LJRG12 LJRG18 LJRH00 LJRH06 LJRH12 LJRH18 LJRI00 LJRI06 LJRI12 LJRI18 LJRJ00
Precipitation Type Best Category	LLRZ98	LLRA18 LLRA21 LLRB00 LLRB03 LLRB06 LLRB09 LLRB12 LLRB15 LLRB18 LLRB21 LLRC00 LLRC03 LLRC06 LLRC09 LLRC12 LLRC15 LLRC18 LLRC21 LLRD00 LLRD03 LLRD06 LLRD09 LLRD12 LLRD15 LLRD18 LLRD21 LLRE00
	LLRZ97	LLRE03 LLRE06 LLRE09 LLRE12 LLRE15 LLRE18 LLRE21 LLRF00 LLRF03 LLRF06 LLRF09 LLRF12 LLRF15 LLRF18 LLRF21 LLRG00 LLRG03 LLRG06 LLRG09 LLRG12 LLRG15 LLRG18 LLRG21 LLRH00 LLRH03 LLRH06 LLRH09 LLRH12 LLRH15 LLRH18 LLRH21 LLRI00 LLRI03 LLRI06 LLRI09 LLRI12 LLRI15 LLRI18 LLRI21 LLRJ00
Precipitation Potential Index (PPI)	LMRZ98	LMRA18 LMRA21 LMRB00 LMRB03 LMRB06 LMRB09 LMRB12 LMRB15 LMRB18 LMRB21 LMRC00 LMRC03 LMRC06 LMRC09 LMRC12 LMRC15 LMRC18 LMRC21

		LMRD00 LMRD03 LMRD06 LMRD09 LMRD12 LMRD15 LMRD18 LMRD21 LMRE00
	LMRZ97	LMRE03 LMRE06 LMRE09 LMRE12 LMRE15 LMRE18 LMRE21 LMRF00 LMRF03 LMRF06 LMRF09 LMRF12 LMRF15 LMRF18 LMRF21 LMRG00 LMRG03 LMRG06 LMRG09 LMRG12 LMRG15 LMRG18 LMRG21 LMRH00 LMRH03 LMRH06 LMRH09 LMRH12 LMRH15 LMRH18 LMRH21 LMRI00 LMRI03 LMRI06 LMRI09 LMRI12 LMRI15 LMRI18 LMRI21 LMRJ00
Probability of precipitation occurrence (PoPO)	LNRZ98	LNRA18 LNRA21 LNRB00 LNRB03 LNRB06 LNRB09 LNRB12 LNRB15 LNRB18 LNRB21 LNRC00 LNRC03 LNRC06 LNRC09 LNRC12 LNRC15 LNRC18 LNRC21 LNRD00 LNRD03 LNRD06 LNRD09 LNRD12 LNRD15 LNRD18 LNRD21 LNRE00
	LNRZ97	LNRE03 LNRE06 LNRE09 LNRE12 LNRE15 LNRE18 LNRE21 LNRF00 LNRF03 LNRF06 LNRF09 LNRF12 LNRF15 LNRF18 LNRF21 LNRG00 LNRG03 LNRG06 LNRG09 LNRG12 LNRG15 LNRG18 LNRG21 LNRH00 LNRH03 LNRH06 LNRH09 LNRH12 LNRH15 LNRH18 LNRH21 LNRI00 LNRI03 LNRI06 LNRI09 LNRI12 LNRI15 LNRI18 LNRI21 LNRJ00
Relative Humidity	$LRRA_2$ii	LRRA18 LRRA21 LRRB00 LRRB03 LRRB06 LRRB09 LRRB12 LRRB15 LRRB18 LRRB21 LRRC00 LRRC03 LRRC06 LRRC09 LRRC12 LRRC15 LRRC18 LRRC21 LRRD00 LRRD03 LRRD06 LRRD09 LRRD12 LRRD15 LRRD18 LRRD21 LRRE00
	$LRRA_2$ii	LRRE03 LRRE06 LRRE09 LRRE12 LRRE15 LRRE18 LRRE21 LRRF00 LRRF03 LRRF06 LRRF09 LRRF12 LRRF15 LRRF18 LRRF21 LRRG00 LRRG03 LRRG06 LRRG09 LRRG12 LRRG15 LRRG18 LRRG21 LRRH00 LRRH03 LRRH06 LRRH09 LRRH12 LRRH15 LRRH18 LRRH21 LRRI00 LRRI03 LRRI06 LRRI09 LRRI12 LRRI15 LRRI18 LRRI21

		LRRJ00
24-h snowfall amount	LSRA$_2$ii	LSRC00 LSRC12 LSRD00 LSRD12 LSRE00
	LSRA$_2$ii	LSRE12 LSRF00 LSRF12 LSRG00 LSRG12
PoP (6h)	LURA$_2$ii	LURB00 LURB06 LURB12 LURB18 LURC00 LURC06 LURC12 LURC18 LURD00 LURD06 LURD12 LURD18 LURE00
	LURA$_2$ii	LURE06 LURE12 LURE18 LURF00 LURF06 LURF12 LURF18 LURG00 LURG06 LURG12 LURG18 LURH00 LURH06 LURH12 LURH18 LURI00 LURI06 LURI12 LURI18 LURJ00
12-h QPF	LVRA$_2$ii	LVRB06 LVRB12 LVRB18 LVRC00 LVRC06 LVRC12 LVRC18 LVRD00 LVRD06 LVRD12 LVRD18 LVRE00
	LVRA$_2$ii	LVRE06 LVRE12 LVRE18 LVRF00 LVRF06 LVRF12 LVRF18 LVRG00 LVRG06 LVRG12 LVRG18 LVRH00 LVRH06 LVRH12
Wind gusts	LWRA$_2$ii	LWRA18 LWRA21 LWRB00 LWRB03 LWRB06 LWRB09 LWRB12 LWRB15 LWRB18 LWRB21 LWRC00 LWRC03 LWRC06 LWRC09 LWRC12 LWRC15 LWRC18 LWRC21 LWRD00 LWRD03 LWRD06 LWRD09 LWRD12 LWRD15 LWRD18 LWRD21 LWRE00
	LWRA$_2$ii	LWRE03 LWRE06 LWRE09 LWRE12 LWRE15 LWRE18 LWRE21 LWRF00 LWRF03 LWRF06 LWRF09 LWRF12 LWRF15 LWRF18 LWRF21 LWRG00 LWRG03 LWRG06 LWRG09 LWRG12 LWRG15 LWRG18 LWRG21 LWRH00 LWRH03 LWRH06 LWRH09 LWRH12 LWRH15 LWRH18 LWRH21 LWRI00 LWRI03 LWRI06 LWRI09 LWRI12 LWRI15 LWRI18 LWRI21 LWRJ00
12-h tstorm prob	LXRA$_2$ii	LXRB06 LXRB12 LXRB18 LXRC00 LXRC06 LXRC12 LXRC18 LXRD00 LXRD06 LXRD12 LXRD18 LXRE00
	LXRA$_2$ii	LXRE06 LXRE12 LXRE18 LXRF00 LXRF06 LXRF12 LXRF18 LXRG00 LXRG06 LXRG12 LXRG18 LXRH00 LXRH06 LXRH12 LXRH18 LXRI00 LXRI06 LXRI12 LXRI18 LXRJ00
3-h tstorm prob	LYRA$_2$ii	LYRA18 LYRA21 LYRB00 LYRB03 LYRB06 LYRB09 LYRB12 LYRB15

		LYRB18 LYRB21 LYRC00 LYRC03 LYRC06 LYRC09 LYRC12 LYRC15 LYRC18 LYRC21 LYRD00 LYRD03 LYRD06 LYRD09 LYRD12 LYRD15 LYRD18 LYRD21 LYRE00
	$LYRA_2ii$ (00Z only)	LYRE03 LYRE06 LYRE09 LYRE12
Predominant Weather	LZRZ98	LZRA18 LZRA21 LZRB00 LZRB03 LZRB06 LZRB09 LZRB12 LZRB15 LZRB18 LZRB21 LZRC00 LZRC03 LZRC06 LZRC09 LZRC12 LZRC15 LZRC18 LZRC21 LZRD00 LZRD03 LZRD06 LZRD09 LZRD12 LZRD15 LZRD18 LZRD21 LZRE00
	LZRZ97	LZRE03 LZRE06 LZRE09 LZRE12 LZRE15 LZRE18 LZRE21 LZRF00 LZRF03 LZRF06 LZRF09 LZRF12 LZRF15 LZRF18 LZRF21 LZRG00 LZRG03 LZRG06 LZRG09 LZRG12 LZRG15 LZRG18 LZRG21 LZRH00 LZRH03 LZRH06 LZRH09 LZRH12 LZRH15 LZRH18 LZRH21 LZRI00 LZRI03 LZRI06 LZRI09 LZRI12 LZRI15 LZRI18 LZRI21 LZRJ00
Cond. prob. of freezing precipitation	MARZ98	MARA18 MARA21 MARB00 MARB03 MARB06 MARB09 MARB12 MARB15 MARB18 MARB21 MARC00 MARC03 MARC06 MARC09 MARC12 MARC15 MARC18 MARC21 MARD00 MARD03 MARD06 MARD09 MARD12 MARD15 MARD18 MARD21 MARE00
	MARZ97	MARE03 MARE06 MARE09 MARE12 MARE15 MARE18 MARE21 MARF00 MARF03 MARF06 MARF09 MARF12 MARF15 MARF18 MARF21 MARG00 MARG03 MARG06 MARG09 MARG12 MARG15 MARG18 MARG21 MARH00 MARH03 MARH06 MARH09 MARH12 MARH15 MARH18 MARH21 MARI00 MARI03 MARI06 MARI09 MARI12 MARI15 MARI18 MARI21 MARJ00
Cond. prob. of frozen precipitation	MBRZ98	MBRA18 MBRA21 MBRB00 MBRB03 MBRB06 MBRB09 MBRB12 MBRB15 MBRB18 MBRB21 MBRC00 MBRC03 MBRC06 MBRC09 MBRC12 MBRC15

		MBRC18 MBRC21 MBRD00 MBRD03 MBRD06 MBRD09 MBRD12 MBRD15 MBRD18 MBRD21 MBRE00
	MBRZ97	MBRE03 MBRE06 MBRE09 MBRE12 MBRE15 MBRE18 MBRE21 MBRF00 MBRF03 MBRF06 MBRF09 MBRF12 MBRF15 MBRF18 MBRF21 MBRG00 MBRG03 MBRG06 MBRG09 MBRG12 MBRG15 MBRG18 MBRG21 MBRH00 MBRH03 MBRH06 MBRH09 MBRH12 MBRH15 MBRH18 MBRH21 MBRI00 MBRI03 MBRI06 MBRI09 MBRI12 MBRI15 MBRI18 MBRI21 MBRJ00
Cond. prob. of liquid precipitation	MCRZ98	MCRA18 MCRA21 MCRB00 MCRB03 MCRB06 MCRB09 MCRB12 MCRB15 MCRB18 MCRB21 MCRC00 MCRC03 MCRC06 MCRC09 MCRC12 MCRC15 MCRC18 MCRC21 MCRD00 MCRD03 MCRD06 MCRD09 MCRD12 MCRD15 MCRD18 MCRD21 MCRE00
	MCRZ97	MCRE03 MCRE06 MCRE09 MCRE12 MCRE15 MCRE18 MCRE21 MCRF00 MCRF03 MCRF06 MCRF09 MCRF12 MCRF15 MCRF18 MCRF21 MCRG00 MCRG03 MCRG06 MCRG09 MCRG12 MCRG15 MCRG18 MCRG21 MCRH00 MCRH03 MCRH06 MCRH09 MCRH12 MCRH15 MCRH18 MCRH21 MCRI00 MCRI03 MCRI06 MCRI09 MCRI12 MCRI15 MCRI18 MCRI21 MCRJ00