AWIPS D2D Evaluation

The data presented here represents the D2D product use by BOU WFO Forecasters for the month of May 2004. The products are separated into seven categories (Surface, Satellite, Radar, Upper Air, Vertical, Extensions, and Model) and ranked by frequency of use. The categories include products from the D2D workstations' main menu. In each category there are four columns: Menu Level, Freq., %, Cum-%, and Product. The *Menu Level* column displays a number for how many menus you have to click on before clicking on the desired product. For example, if you wanted the "1 Hour Lightning Plot" from the Surface category, you would need to click on the "Obs" menu from the main menu and then click on "Lightning". The "2" indicates that there are two menus to be opened before accessing the product. Note that menu "clicks" are based on default menu arrangements. Products can also be selected using "Procedures" rather than from the main menu. Previous studies indicate over a third of product selections are made from "Procedures". The *Freq.* column displays the number of times a product was selected during the given time frame (in this case a month). The *%* and *Cum-%* columns display the percentage of product use based on the frequency. The *Product* column gives the name of the product being evaluated.

The graph illustrates "Model Product Use by Frequency" for the nearly 1300 different model products selected. The graph is based on Model data and frequency only. For the Model Category (list in the table), products with "VB" instead of numbers are accessed through the Volume Browser. The top 71 products account for 50% of all model selections. Over 1200 other model products account for the other half of the distribution.

May Monthly Data

With Menu Level

Surface

Menu Level	Freq.	%	Cum-%	Product
1	1969	32.5	32.5	METAR
1	737	12.1	44.6	30 min Local Data Plot
2	670	11	55.6	15 Minute Lightning Plot
2	508	8.4	64	15 min Local Data Plot
2	418	6.9	70.9	5 Minute Lightning Plot
2	269	4.4	75.3	1 Hour Lightning Plot
2	257	4.2	79.6	15 min METAR
2	197	3.2	82.8	Day One Convectv Outlook
1	110	1.8	84.6	SPC Watches
2	100	1.6	86.3	Ceiling (agl) and Visibility
2	91	1.5	87.8	5 min Local Data Plot
2	65	1.1	88.9	15 Minute Positive Lightning Plot
2	65	1.1	89.9	15 Minute Negative Lightning Plot
2	60	1	90.9	Day Two Convectv Outlook
1	57	0.9	91.9	Local Warnings
2	56	0.9	92.8	1 Minute Lightning Plot
2	54	0.9	93.7	3 Minute Old Lightning
2	54	0.9	94.6	2 Minute Old Lightning
2	54	0.9	95.5	4 Minute Old Lightning
2	54	0.9	96.3	1 Minute Old Lightning
2	54	0.9	97.2	5 Minute Old Lightning
2	25	0.4	97.6	Spotters Readout
2	17	0.3	97.9	1 min Local Data Plot

2	12	0.2	98.1	Local Data 1 hour Precip
2	11	0.2	98.3	METAR 24H Change
2	9	0.1	98.5	Max/Min Temperatures
1	8	0.1	98.6	Tornado Plot
1	8	0.1	98.7	Svr Gust Plot
1	8	0.1	98.8	Hail Plot
2	7	0.1	99	Normal Max/Min Temps
2	6	0.1	99.1	METAR 3Hr Precip
2	6	0.1	99.2	Local Data 30 min Precip
2	6	0.1	99.3	METAR 1Hr Precip
2	6	0.1	99.4	Local Data Precip
2	5	0.1	99.4	MSL Pressure Analysis
2	5	0.1	99.5	Local Storm Report Plot
2	4	0.1	99.6	Ceiling (msl) and Visibility
2	4	0.1	99.7	Local Data 3 hour Precip
2	4	0.1	99.7	WindChill/HeatIndex plot
2	3	0	99.8	Local Data 5 min Precip
2	3	0	99.9	Daily Precipitation
2	2	0	99.9	Severe Wx Prob
2	2	0	100	Thunderstorm Prob
2	1	0	100	Decoded Local Storm Reports
2	1	0	100	5 Day Total Precip
1	1	0	100	Fixed Buoys

Satellite

Menu Level	Freq.	%	Cum-%	Product
1	920	41.9	41.9	IR Satellite (C)
1	593	27	69	Visible Satellite
1	369	16.8	85.8	Water Vapor Satellite
1	180	8.2	94	11u-3.9u Satellite (counts)
1	117	5.3	99.3	IR 3.9u Satellite (C)
1	5	0.2	99.5	IR 12 Satellite (C)
1	4	0.2	99.7	11u-12u Satellite (counts)
3	3	0.1	99.9	GOES Sounder DPI Lifted Index (C)
3	1	0	99.9	1 hr Auto Satellite Precip Estimates (in)
3	1	0	100	GOES Sounder DPI Skin Temperature (C)
3	1	0	100	GOES Sounder DPI Total Precip Water (mm)

Radar

Menu Level	Freq.	%	Cum-%	Product
1	662	6.1	6.1	kftg 0.5 Reflectivity (dBZ)
1	642	5.9	12	kftg 0.5 8bit Reflectivity (dBZ)
1	489	4.5	16.5	kftg 0.5 Velocity (kts)
1	380	3.5	20	kftg 0.5 8bit Velocity (kts)
1	368	3.4	23.4	kftg Composite Refl (dBZ)
1	367	3.4	26.8	kftg 1.5 8bit Reflectivity (dBZ)
1	334	3.1	29.9	kftg 1.5 Reflectivity (dBZ)
2	321	3	32.9	kftg 3.4 8bit Reflectivity (dBZ)
1	298	2.7	35.6	Nowrad Radar (dBZ)
2	288	2.7	38.3	kftg 2.4 8bit Reflectivity (dBZ)
2	262	2.4	40.7	kftg 2.4 Reflectivity (dBZ)
1	238	2.2	42.9	kftg 1.5 Velocity (kts)

1	233	2.1	45	kftg 1.5 8bit Velocity (kts)
2	215	2	47	kftg 2.4 Velocity (kts)
1	186	1.7	48.7	0.5 Reflectivity (dBZ)
2	182	1.7	50.4	kftg 3.4 8bit Velocity (kts)
2	180	1.7	52.1	kftg 2.4 8bit Velocity (kts)
2	159	1.5	53.5	kftg Storm Cells
2	149	1.4	54.9	kftg 4.3 8bit Reflectivity (dBZ)
1	143	1.3	56.2	kftg 0.5 Storm Rel Vel - Map (kts)
1	133	1.2	57.5	kftg 0.5 8bit Storm Rel Motion (kts)
2	132	1.2	58.7	kftg 3.4 Reflectivity (dBZ)
2	131	1.2	59.9	kftg 3.4 8bit Storm Rel Motion (kts)
1	118	1.1	61	kftg 1.5 8bit Storm Rel Motion (kts)
2	113	1	62	kftg 3.4 Velocity (kts)
1	107	1	63	kftg 1.5 Storm Rel Vel - Map (kts)
2	99	0.9	63.9	kftg 2.4 8bit Storm Rel Motion (kts)
2	90	0.8	64.8	kftg 4.3 8bit Storm Rel Motion (kts)
1	81	0.7	65.5	kftg Vert Integrated Liquid
2	81	0.7	66.3	kftg Storm Total Precip (in)
1	78	0.7	67	kcys 0.5 Reflectivity (dBZ)
2	69	0.6	67.6	kftg 4.3 Reflectivity (dBZ)
2	66	0.6	68.2	kftg 6.2 8bit Reflectivity (dBZ)
1	63	0.6	68.8	kgld 0.5 Reflectivity (dBZ)
1	62	0.6	69.4	kpux 0.5 Reflectivity (dBZ)
1	62	0.6	69.9	kcys 0.5 Velocity (kts)
2	61	0.6	70.5	kftg 4.3 8bit Velocity (kts)
1	61	0.6	71.1	kgld 0.5 Velocity (kts)
2	55	0.5	71.6	kftg VAD Wind Profile (RMS kts)
1	53	0.5	72.1	kftg Storm Threat
2	53	0.5	72.6	kftg 6.2 8bit Storm Rel Motion (kts)
1	53	0.5	73	kftg Storm Cell Display
1	53	0.5	73.5	kftg SCAN Cell Track
2	52	0.5	74	kftg 3.5 8bit Reflectivity (dBZ)
2	51	0.5	74.5	kftg 5.3 8bit Reflectivity (dBZ)
2	51	0.5	75	kftg One Hour Precip (in)
2	50	0.5	75.4	kftg 2.4 Storm Rel Vel - Map (kts)
2	49	0.5	75.9	kftg 6.0 8bit Reflectivity (dBZ)
2	48	0.4	76.3	kftg 2.5 8bit Reflectivity (dBZ)
2	46	0.4	76.7	kftg 7.5 8bit Reflectivity (dBZ)
2	43	0.4	77.1	kftg 4.3 Velocity (kts)
2	42	0.4	77.5	kftg 5.3 8bit Storm Rel Motion (kts)
2	41	0.4	77.9	kftg Tornado Vortex Signature Page 4
2	41	0.4	78.3	kftg Mesocyclone Page 3
2	41	0.4	78.7	kftg Mesocyclone Page 5
2	41	0.4	79	kftg Tornado Vortex Signature Page 3
2	41	0.4	79.4	kftg Mesocyclone Page 4
2	41	0.4	79.8	kftg Tornado Vortex Signature Page 2
2	41	0.4	80.2	kftg Tornado Vortex Signature Page 1
2	41	0.4	80.5	kftg Tornado Vortex Signature Page 6
2	41	0.4	80.9	kftg Mesocyclone Page 1
2	41	0.4	81.3	kftg Tornado Vortex Signature Page 5
2	41	0.4	81.7	kftg Mesocyclone Page 2
2	41	0.4	82.1	kftg Mesocyclone Page 6

2	40	0.4	82.4	kftg 7.5 8bit Storm Rel Motion (kts)
2	39	0.4	82.8	kftg 9.9 8bit Reflectivity (dBZ)
2	37	0.3	83.1	kftg 14.6 8bit Reflectivity (dBZ)
1	33	0.3	83.4	Composite Refl (dBZ)
2	32	0.3	83.7	kftg 8.7 8bit Reflectivity (dBZ)
1	32	0.3	84	Vert Integrated Liquid
2	31	0.3	84.3	kftg 10.0 8bit Reflectivity (dBZ)
1	31	0.3	84.6	kgjx 0.5 Reflectivity (dBZ)
1	30	0.3	84.9	kpux 0.5 Velocity (kts)
2	29	0.3	85.1	kftg 2.5 8bit Velocity (kts)
1	29	0.3	85.4	kpux 0.5 Storm Rel Vel - Map (kts)
2	29	0.3	85.7	kftg 14.6 Reflectivity (dBZ)
1	29	0.3	85.9	kgjx 0.5 Velocity (kts)
2	28	0.3	86.2	kftg 3.5 8bit Velocity (kts)
2	28	0.3	86.5	kftg 6.0 Reflectivity (dBZ)
2	28	0.3	86.7	kftg 9.9 Reflectivity (dBZ)
2	28	0.3	87	kftg 6.0 8bit Velocity (kts)
2	27	0.2	87.2	kftg 7.5 Reflectivity (dBZ)
2	27	0.2	87.5	kftg 1km Composite Ref (dBZ)
2	26	0.2	87.7	kftg 8.7 8bit Storm Rel Motion (kts)
2	26	0.2	88	kftg 4.3 Storm Rel Vel - Map (kts)
2	25	0.2	88.2	kftg 6.2 Reflectivity (dBZ)
1	25	0.2	88.4	kpux 1.5 Reflectivity (dBZ)
2	25	0.2	88.6	kftg 5.3 Reflectivity (dBZ)
3	24	0.2	88.9	kpux 3.4 Reflectivity (dBZ)
2	24	0.2	89.1	kftg 10.0 8bit Storm Rel Motion (kts)
2	24	0.2	89.3	kftg 3.5 8bit Storm Rel Motion (kts)
3	24	0.2	89.5	kpux 2.4 Reflectivity (dBZ)
1	23	0.2	89.7	kpux 1.5 Storm Rel Vel - Map (kts)
1	23	0.2	90	kftg FFMP Table Display
2	23	0.2	90.2	kftg 9.9 8bit Velocity (kts)
2	23	0.2	90.4	kftg FFMP Small-Stream Color Images
2	22	0.2	90.6	kftg 14.0 8bit Reflectivity (dBZ)
3	22	0.2	90.8	kpux 2.4 Storm Rel Vel - Map (kts)
2	22	0.2	91	kftg 14.6 8bit Velocity (kts)
3	22	0.2	91.2	kpux 3.4 Storm Rel Vel - Map (kts)
2	22	0.2	91.4	kftg Precipitation Rate (in/hr)
2	21	0.2	91.6	kftg 6.0 8bit Storm Rel Motion (kts)
2	20	0.2	91.8	kftg Layer 2 Max Refl (dBZ)
2	19	0.2	91.9	kftg 3.4 Storm Rel Vel - Map (kts)
2	18	0.2	92.1	kftg 2.5 8bit Storm Rel Motion (kts)
2	17	0.2	92.3	kftg 14.6 Velocity (kts)
1	17	0.2	92.4	kcys 0.5 Storm Rel Vel - Map (kts)
2	16	0.1	92.6	kftg FFMP Small-Stream Bkgd Map
2	16	0.1	92.7	kftg 9.9 Velocity (kts)
2	16	0.1	92.9	kftg 2.5 Reflectivity (dBZ)
2	16	0.1	93	kftg 6.0 Velocity (kts)
2	16	0.1	93.2	kftg Comb Att Table Page 1
2	16	0.1	93.3	kftg Comb Att Table Page 3
2	16	0.1	93.5	kftg Comb Att Table Page 2
2	16	0.1	93.6	kftg Comb Att Table Page 5
2	16	0.1	93.8	kftg Comb Att Table Page 4

2	16	0.1	93.9	kftg Comb Att Table Page 6
2	16	0.1	94	kftg 9.9 8bit Storm Rel Motion (kts)
2	16	0.1	94.2	kftg Layer 3 Max Refl (dBZ)
2	16	0.1	94.3	kftg 2.5 Velocity (kts)
2	15	0.1	94.5	kftg Three Hour Precip (in)
2	15	0.1	94.6	kftg 14.0 8bit Storm Rel Motion (kts)
2	15	0.1	94.8	kftg 6.2 8bit Velocity (kts)
2	15	0.1	94.9	kftg 14.6 8bit Storm Rel Motion (kts)
2	15	0.1	95	kftg 12.0 8bit Reflectivity (dBZ)
2	14	0.1	95.2	kftg 5.3 Velocity (kts)
3	14	0.1	95.3	kftg 12.0 SWA Reflectivity
2	14	0.1	95.4	kftg 6.2 Velocity (kts)
2	14	0.1	95.6	kftg 7.5 Velocity (kts)
2	14	0.1	95.7	kftg Reflectivity (dBZ)
2	13	0.1	95.8	kftg 12.0 8bit Storm Rel Motion (kts)
2	13	0.1	95.9	kftg Velocity (kts)
2	13	0.1	96	kftg 19.5 8bit Reflectivity (dBZ)
2	12	0.1	96.2	kftg 9.9 Storm Rel Vel - Map (kts)
2	12	0.1	96.3	kftg 6.0 Storm Rel Vel - Map (kts)
2	12	0.1	96.4	kftg 14.6 Storm Rel Vel - Map (kts)
2	12	0.1	96.5	kftg 5.3 8bit Velocity (kts)
2	11	0.1	96.6	kftg 16.7 8bit Reflectivity (dBZ)
2	11	0.1	96.7	kftg 6.2 Storm Rel Vel - Map (kts)
1	11	0.1	96.8	klnx 0.5 Reflectivity (dBZ)
2	11	0.1	96.9	kftg 7.5 Storm Rel Vel - Map (kts)
2	11	0.1	97	kftg 5.3 Storm Rel Vel - Map (kts)
2	11	0.1	97.1	kftg 19.5 8bit Storm Rel Motion (kts)
3	11	0.1	97.2	kcys 2.4 Reflectivity (dBZ)
3	10	0.1	97.3	kcys 3.4 Reflectivity (dBZ)
2	10	0.1	97.4	kftg 4.5 8bit Reflectivity (dBZ)
3	10	0.1	97.5	kcys 1.5 Reflectivity (dBZ)
1	9	0.1	97.6	klnx 0.5 Velocity (kts)
3	9	0.1	97.6	kcys Composite Refl (dBZ)
2	9	0.1	97.7	kftg 3 bit Comp Refl (dBZ)
3	9	0.1	97.8	kftg 10.0 SWA Reflectivity
2	8	0.1	97.9	kftg 16.7 8bit Storm Rel Motion (kts)
2	8	0.1	98	kftg 3.5 Reflectivity (dBZ)
2	8	0.1	98	kftg 7.5 8bit Velocity (kts)
2	8	0.1	98.1	kftg 3.5 Velocity (kts)
2	7	0.1	98.2	kftg User Selectable Precip Pg 1
2	7	0.1	98.2	kftg User Selectable Precip Pg 2
3	7	0.1	98.3	kcys 2.4 Storm Rel Vel - Map (kts)
2	7	0.1	98.4	kftg User Selectable Precip Pg 3
2	7	0.1	98.4	kftg User Selectable Precip (in)
2	6	0.1	98.5	kftg 8.7 8bit Velocity (kts)
1	6	0.1	98.5	kcys 1.5 Storm Rel Vel - Map (kts)
1	6	0.1	98.6	kgld 1.5 Reflectivity (dBZ)
3	6	0.1	98.6	kcys 3.4 Storm Rel Vel - Map (kts)
3	6	0.1	98.7	kpux Vert Integrated Liquid
1	6	0.1	98.8	kgld 1.5 Velocity (kts)
2	5	0	98.8	kftg 4.5 8bit Storm Rel Motion (kts)
2	5	0	98.8	kftg 14.0 8bit Velocity (kts)

2	5	0	98.9	kftg 10.0 8bit Velocity (kts)
3	4	0	98.9	kgld 2.4 Reflectivity (dBZ)
3	4	0	99	kgld 3.4 Velocity (kts)
1	4	0	99	kcys 1.5 Velocity (kts)
2	4	0	99	kftg 4.5 8bit Velocity (kts)
2	4	0	99.1	kgld Composite Refl (dBZ)
3	4	0	99.1	kgld 2.4 Velocity (kts)
1	4	0	99.2	kgld 0.5 Storm Rel Vel - Map (kts)
3	4	0	99.2	kcys 3.4 Velocity (kts)
3	4	0	99.2	kpux Storm Total Precip (in)
2	4	0	99.3	kftg 8.7 Velocity (kts)
3	4	0	99.3	kcys 2.4 Velocity (kts)
3	4	0	99.3	kgld 3.4 Reflectivity (dBZ)
2	4	0	99.4	kftg 8.7 Reflectivity (dBZ)
1	3	0	99.4	10 km Radar Coded Msg (dBZ)
2	3	0	99.4	kftg 19.5 8bit Velocity (kts)
2	3	0	99.5	kftg FFMP 1-Hour RFC Flash Flood Guidance (in)
2	3	0	99.5	kftg FFMP 1-Hour Basin-Averaged Flash Flood Guidance (in)
2	3	0	99.5	kftg 4.5 Reflectivity (dBZ)
2	3	0	99.5	kftg 19.5 Reflectivity (dBZ)
2	3	0	99.6	kpux Composite Refl (dBZ)
2	3	0	99.6	kftg 19.5 Velocity (kts)
1	2	0	99.6	kddc 0.5 Reflectivity (dBZ)
1	2	0	99.6	kddc 0.5 Velocity (kts)
3	2	0	99.6	kgld 2.5 Velocity (kts)
3	2	0	99.7	kpux 3.4 Velocity (kts)
3	2	0	99.7	kpux 2.4 Velocity (kts)
2	2	0	99.7	kftg 16.7 8bit Velocity (kts)
3	2	0	99.7	kgld 2.5 Reflectivity (dBZ)
2	2	0	99.7	Small Stream Basins
3	2	0	99.8	kgld 3.5 Velocity (kts)
1	2	0	99.8	kftg VIL/Comp Ref (dBZ~)
2	2	0	99.8	kftg Hybrid Scan Refl (dBZ)
1	2	0	99.8	VIL/Comp Ref (dBZ~)
3	2	0	99.8	kgld 3.5 Reflectivity (dBZ)
1	2	0	99.9	kpux 1.5 Velocity (kts)
2	2	0	99.9	kftg 12.0 8bit Velocity (kts)
2	1	0	99.9	kftg 4.5 Velocity (kts)
3	1	0	99.9	kpux 3.5 Reflectivity (dBZ)
1	1	0	99.9	kftg SCAN CWA Threat Index
2	1	0	99.9	kftg Storm Rel Vel (kts)
2	1	0	99.9	kftg NEXRAD Unit Status Msg
3	1	0	99.9	kcys Vert Integrated Liquid
3	1	0	99.9	kgld Vert Integrated Liquid
3	1	0	99.9	kpux 2.5 Reflectivity (dBZ)
3	1	0	100	kpux 3.5 Storm Rel Vel - Map (kts)
1	1	0	100	Radar Summary
3	1	0	100	kpux 2.5 Storm Rel Vel - Map (kts)
2	1	0	100	One Hour Precip (in)
3	1	0	100	klnx Storm Total Precip (in)
2	1	0	100	kftg FFMP 6-Hour RFC Flash Flood Guidance (in)

Upper-Air Menu Level	Freq.	%	Cum-%	Product
2	81	29.9	29.9	500mb UA plot
2	79	29.2	59	300mb UA plot
2	68	25.1	84.1	700mb UA plot
2	8	3	87.1	500mb Profiler
2	7	2.6	89.7	700mb Profiler
2	7	2.6	92.3	MDCRS Profiles 6hr Availability
2	5	1.8	94.1	300mb Profiler
2	4	1.5	95.6	raob 700
2	4	1.5	97	raob 300
2	2	0.7	97.8	MDCRS Profiles 1hr Availability
2	2	0.7	98.5	250mb UA plot
2	2	0.7	99.3	raob 500
2	1	0.4	99.6	raob 250
2	1	0.4	100	250mb Profiler

Vertical Menu Level	Freq.	%	Cum-%	Product
1	339	47.9	47.9	KDNR Skewt
2	114	16.1	64.1	Platteville CO (kts)
2	44	6.2	70.3	KGJT Skewt
2	39	5.5	75.8	KRIW Skewt
2	30	4.2	80.1	KSLC Skewt
2	19	2.7	82.7	KLBF Skewt
2	18	2.5	85.3	KBOI Skewt
2	14	2	87.3	Granada CO (kts)
2	12	1.7	89	Medicine Bow WY (kts)
2	11	1.6	90.5	KFGZ Skewt
2	10	1.4	91.9	KDDC Skewt
2	8	1.1	93.1	KTFX Skewt
2	6	0.8	93.9	KABQ Skewt
2	4	0.6	94.5	KLKN Skewt
2	4	0.6	95	KDRA Skewt
2	4	0.6	95.6	KGGW Skewt
2	4	0.6	96.2	KOAX Skewt
2	3	0.4	96.6	KMFR Skewt
2	3	0.4	97	KTOP Skewt
2	3	0.4	97.5	KFWD Skewt
2	2	0.3	97.7	KOUN Skewt
2	2	0.3	98	Aztec NM (kts)
2	2	0.3	98.3	KREV Skewt
2	2	0.3	98.6	Neligh NE (kts)
2	2	0.3	98.9	KTUS Skewt
1	2	0.3	99.2	Profiler Perspective
2	1	0.1	99.3	KILX Skewt
2	1	0.1	99.4	KSGF Skewt
2	1	0.1	99.6	McCook NE (kts)
2	1	0.1	99.7	Purcell OK (kts)
2	1	0.1	99.9	Merriman NE (kts)
2	1	0.1	100	KUNR Skewt

Extensions

Menu Level	Freq.	%	Cum-%	Product
1	387	44.5	44.5	Interactive Points
1	116	13.3	57.9	Interactive Baselines
1	111	12.8	70.7	Distance Speed
1	99	11.4	82	Interactive WarnGen
3	88	10.1	92.2	Interactive Skew-T
1	38	4.4	96.5	Home Location
1	19	2.2	98.7	Distance Bearing
1	4	0.5	99.2	VR - Shear
1	3	0.3	99.5	Alert Area #1 Editor
1	2	0.2	99.8	Alert Area #2 Editor
1	2	0.2	100	Az/Ran Overlay

Model

Menu Level	Freq.	%	Cum-%	Product
1	759	1.5	1.5	ETA 500MB Height (dam)
1	754	1.5	3	AVN 500MB Height (dam)
1	653	1.3	4.3	AVN MSL Pressure (mb)
1	595	1.2	5.5	AVN 700MB Height (dam)
1	593	1.2	6.7	ETA ETA Model MSLP (mb)
1	572	1.1	7.9	ETA 700MB Height (dam)
1	571	1.1	9	MesoETA ETA Model MSLP (mb)
1	563	1.1	10.1	MesoETA 700MB Height (dam)
1	547	1.1	11.2	ETA 500MB Vorticity (/1e5s)
1	540	1.1	12.3	MesoETA Surface Wind (kts)
1	526	1.1	13.4	AVN 500MB Vorticity (/1e5s)
1	524	1.1	14.4	MRF 500MB Height (dam)
1	507	1	15.4	MesoETA Precipitation (in)
1	494	1	16.4	AVN 1000MB-500MB Thickness (dam)
1	467	0.9	17.4	ETA 1000MB-500MB Thickness (dam)
1	463	0.9	18.3	AVN 700MB Omega (-ubar/s)
1	455	0.9	19.2	MesoETA 500MB Height (dam)
VB	445	0.9	20.1	MesoETA 700MB Wind (kts)
1	437	0.9	21	ETA 850MB-500MB Rel Humidity (%)
VB	434	0.9	21.8	ETA 500MB-300MB Div Q (K/m^2/1e16s)
VB	405	0.8	22.7	MesoETA 850MB Wind (kts)
1	402	0.8	23.5	ETA 700MB Omega (-ubar/s)
1	387	0.8	24.2	MRF MSL Pressure (mb)
1	372	0.7	25	MesoETA Surface Dewpoint (F)
VB	360	0.7	25.7	MesoETA 850MB Temperature (C)
1	355	0.7	26.4	AVN Layer Rel Humidity (%)
1	349	0.7	27.1	MesoETA 500MB Vorticity (/1e5s)
1	346	0.7	27.8	AVN Precipitation (in)
1	336	0.7	28.5	MRF Precipitation (in)
1	333	0.7	29.2	MesoETA 850MB-500MB Rel Humidity (%)
VB	332	0.7	29.8	MesoETA Snow Accumulation (in)
VB	330	0.7	30.5	MesoETA 700MB Temperature (C)
VB	323	0.6	31.1	MesoETA 850MB Dewpoint (C)
VB	321	0.6	31.8	ETA 6 Hr Accum Precip (in)
1	315	0.6	32.4	MRF 700MB Height (dam)
VB	311	0.6	33	MesoETA 850MB Equiv Pot Temp (K)

VB	310	0.6	33.6	MesoETA 700MB Equiv Pot Temp (K)
VB	310	0.6	34.3	AVN 850MB Wind (kts)
1	308	0.6	34.9	MesoETA 700MB Omega (-ubar/s)
VB	305	0.6	35.5	AVN 700MB Temperature (C)
1	305	0.6	36.1	MRF 500MB Vorticity (/1e5s)
VB	294	0.6	36.7	ETA 700MB Temperature (C)
VB	280	0.6	37.3	MSAS 3 hr Pres Change (mb)
VB	279	0.6	37.8	MesoETA Surface Pos Buoy Energy (J/Kg)
VB	277	0.6	38.4	AVN 700MB Wind (kts)
1	270	0.5	38.9	MesoETA Surface Rel Humidity (%)
VB	269	0.5	39.5	AVN 6 Hr Accum Precip (in)
VB	254	0.5	40	AVN 500MB-300MB Div Q (K/m^2/1e16s)
1	252	0.5	40.5	MesoETA Surface Temperature (F)
1	249	0.5	41	MRF 1000MB-500MB Thickness (dam)
VB	248	0.5	41.5	MRF 250MB Windspeed (kts)
VB	246	0.5	42	MesoETA 850MB Height (dam)
VB	245	0.5	42.4	Eta Bufr point-A Sounding ()
1	238	0.5	42.9	ETA Precipitation (in)
VB	230	0.5	43.4	MM5Hot Surface Wind
VB	222	0.4	43.8	ETA 850MB Wind (kts)
VB	219	0.4	44.3	ETA 700MB Wind (kts)
VB	216	0.4	44.7	MesoETA point-A Sounding ()
1	210	0.4	45.1	MesoETA Precipitation Img(in)
1	207	0.4	45.5	MesoETA 1000MB-500MB Thickness (dam)
VB	206	0.4	46	ETA 300MB-200MB Div Q (K/m^2/1e16s)
VB	202	0.4	46.4	MesoETA 850MB-700MB QG Frontogenesis (K^2/m^2/1e15s)
VB	194	0.4	46.7	ETA 850MB Temperature (C)
VB	191	0.4	47.1	AVN 850MB Equiv Pot Temp (K)
VB	187	0.4	47.5	AVN 850MB Temperature (C)
VB	187	0.4	47.9	MesoETA 300MB Windspeed (kts)
VB	185	0.4	48.2	AVN 300MB Windspeed (kts)
VB	183	0.4	48.6	ETA 300MB Windspeed (kts)
VB	178	0.4	49	MSAS NWS MSLP (mb)
VB	178	0.4	49.3	MesoETA 700MB Rel Humidity (%)
VB	162	0.3	49.7	MesoETA 700MB Rel Humidity Img(%)
VB	162	0.3	50	ETA 700MB-500MB Div Q (K/m^2/1e16s)
1	158	0.3	50.3	MRF Layer Rel Humidity (%)
VB	153	0.3	50.6	MesoETA 700MB-500MB QG Frontogenesis (K^2/m^2/1e15s)
VB	153	0.3	50.9	MesoETA Layer Preciptable H2O (in)
VB	152	0.3	51.2	RUC80 300MB Windspeed (kts)
VB	152	0.3	51.5	MesoETA BLyr Wind (kts)
VB	151	0.3	51.8	AVN Surface Wind (kts)
VB	148	0.3	52.1	AVN 850MB Rel Humidity (%)
1	147	0.3	52.4	MesoETA 3 Hr Accum Precip (in)
VB	147	0.3	52.7	MesoETA 700MB Dewpoint (C)
VB	146	0.3	53	MSAS MSAS MSLP (mb)
VB	140	0.3	53.3	ETA 850MB Equiv Pot Temp (K)
VB	139	0.3	53.6	MM5Hot Surface Temperature
VB	137	0.3	53.8	AVN Snow Accumulation (in)
VB	136	0.3	54.1	ETA 700MB-500MB Qn Div (K/m^2/1e16s)
1	135	0.3	54.4	ECMWF 500MB Height (dam)
VB	133	0.3	54.6	ETA 500MB-300MB Qn Div (K/m^2/1e16s)

VB	132	0.3	54.9	MM5Hot Surface Dewpoint
VB	130	0.3	55.2	MesoETA 300MB Pot Vorticity (PVU)
VB	129	0.3	55.4	ETA 500MB Temperature (C)
1	128	0.3	55.7	ETA Surface Wind (kts)
1	127	0.3	55.9	RUC80 500MB Height (dam)
VB	127	0.3	56.2	MRF 700MB Temperature (C)
VB	125	0.3	56.4	AVN 300MB Pot Vorticity (PVU)
VB	122	0.2	56.7	LAPS Surface Pos Buoy Energy (J/Kg)
VB	122	0.2	56.9	ETA Snow Accumulation (in)
VB	121	0.2	57.2	MRF 500MB-300MB Div Q (K/m^2/1e16s)
1	119	0.2	57.4	MesoETA Surface Wind Strmlns(kts)
VB	118	0.2	57.6	MRF 700MB Wind (kts)
VB	118	0.2	57.9	MM5Hot Surface Rel Humidity
VB	117	0.2	58.1	MesoETA Surface Neg Buoy Energy (J/Kg)
1	116	0.2	58.4	ETA12 Surface Wind (kts)
VB	116	0.2	58.6	ETA 250MB Windspeed (kts)
VB	116	0.2	58.8	MM5Hot Precipitation Img
VB	115	0.2	59	AVN 700MB Rel Humidity (%)
VB	115	0.2	59.3	RUC80 500MB-300MB Div Q (K/m^2/1e16s)
VB	115	0.2	59.5	MM5Hot MSL Pressure
VB	113	0.2	59.7	AVN 700MB-500MB Div Q (K/m^2/1e16s)
VB	113	0.2	60	AVN 250MB Windspeed (kts)
VB	112	0.2	60.2	MSAS Surface Equiv Pot Temp (K)
VB	111	0.2	60.4	MM5Hot Surface Precip Type Icons
VB	110	0.2	60.6	MesoETA Helicity (m^2/s^2)
VB	109	0.2	60.8	AVN 850MB Dewpoint (C)
VB	108	0.2	61.1	MM5Hot Surface Wind Strmlns
1	107	0.2	61.3	NGM 500MB Height (dam)
VB	107	0.2	61.5	ETA 250MB Wind (kts)
VB	106	0.2	61.7	MesoETA LineA Wind (kts)
VB	105	0.2	61.9	MesoETA BLyr Rel Humidity Img(%)
VB	105	0.2	62.1	AVN 300MB-200MB Div Q (K/m^2/1e16s)
VB	102	0.2	62.3	ETA 500MB Wind (kts)
VB	100	0.2	62.5	AVN 700MB Equiv Pot Temp (K)
VB	99	0.2	62.7	ETA 700MB-500MB QG Frontogenesis (K^2/m^2/1e15s)
VB	97	0.2	62.9	AVN 250MB Wind (kts)
VB	96	0.2	63.1	MesoETA 400MB Pot Vorticity (PVU)
VB	94	0.2	63.3	MesoETA pointA Wind (kts)
VB	94	0.2	63.5	MesoETA LineA Rel Humidity Img(%)
VB	93	0.2	63.7	LAPS Surface Neg Buoy Energy (J/Kg)
VB	93	0.2	63.9	ETA 850MB Rel Humidity (%)
VB	93	0.2	64.1	MesoETA pointA Rel Humidity (%)
VB	92	0.2	64.2	ETA 700MB Equiv Pot Temp (K)
VB	91	0.2	64.4	ETA point-A Sounding ()
VB	91	0.2	64.6	AVN 700MB Dewpoint (C)
1	91	0.2	64.8	RUC80 MSL Pressure (mb)
VB	90	0.2	65	MesoETA Surface Precip Type Icons()
1	89	0.2	65.1	RUC80 700MB Height (dam)
VB	88	0.2	65.3	AVN 850MB Height (dam)
VB	86	0.2	65.5	MesoETA pointA Temperature (C)
1	86	0.2	65.7	AVN Precipitation Img(in)
VB	85	0.2	65.8	ETA 700MB Rel Humidity (%)

VB	84	0.2	66	MRF 850MB Wind (kts)
VB	84	0.2	66.2	MesoETA 500MB-300MB Div Q (K/m^2/1e16s)
VB	83	0.2	66.3	AVN 500MB-300MB Qn Div (K/m^2/1e16s)
VB	82	0.2	66.5	AVN 500MB Temperature (C)
VB	81	0.2	66.7	MRF 850MB Temperature (C)
VB	80	0.2	66.8	AVN BLyr Wind (kts)
VB	80	0.2	67	AVN 500MB Wind (kts)
VB	80	0.2	67.1	ETA 700MB-500MB Lapse Rate (C/km)
1	79	0.2	67.3	UKMET 500MB Height (dam)
1	77	0.2	67.5	MRF Precipitation Img(in)
VB	76	0.2	67.6	ETA LineA Div Q (K/m^2/1e16s)
VB	75	0.2	67.8	MesoETA 500MB Wind (kts)
VB	75	0.2	67.9	MesoETA LineA Rel Humidity (%)
1	75	0.2	68.1	RUC80 500MB Vorticity (/1e5s)
VB	74	0.1	68.2	ETA 850MB Dewpoint (C)
1	74	0.1	68.4	RUC80 850MB-500MB Rel Humidity (%)
VB	74	0.1	68.5	MesoETA LineA Component Along (kts)
VB	74	0.1	68.7	MesoETA 700MB-500MB Rel Humidity Img(%)
VB	74	0.1	68.8	MSAS Surface Wind (kts)
1	74	0.1	69	RUC80 1000MB-500MB Thickness (dam)
VB	73	0.1	69.1	ETA 300MB Pot Vorticity (PVU)
VB	73	0.1	69.2	MesoETA 500MB Temperature (C)
VB	73	0.1	69.4	MRF 300MB Windspeed (kts)
VB	73	0.1	69.5	AVN 700MB Rel Humidity Img(%)
VB	72	0.1	69.7	MesoETA LineA Potential Temp (K)
VB	71	0.1	69.8	MRF 500MB Wind (kts)
1	70	0.1	70	RUC40 Surface Wind (kts)
VB	70	0.1	70.1	NGM 700MB Temperature (C)
VB	70	0.1	70.2	ETA 500MB Rel Humidity (%)
1	70	0.1	70.4	RUC80 Precipitation (in)
1	69	0.1	70.5	MRF 850MB-500MB Rel Humidity (%)
VB	68	0.1	70.7	MesoETA LineA Lapse Rate (C/km)
VB	68	0.1	70.8	RUC80 700MB Wind (kts)
1	68	0.1	70.9	ETA12 Surface Dewpoint (F)
VB	66	0.1	71.1	MesoETA LineA Pot Vorticity (PVU)
VB	66	0.1	71.2	ETA 250MB Temperature (C)
VB	66	0.1	71.3	AVN 500MB Rel Humidity (%)
VB	66	0.1	71.5	MRF 300MB Wind (kts)
VB	66	0.1	71.6	MesoETA 250MB Temperature (C)
VB	66	0.1	71.7	MSAS Surface Dewpoint (F)
1	66	0.1	71.9	ETA12 Precipitation (in)
VB	66	0.1	72	RUC80 850MB Temperature (C)
VB	65	0.1	72.1	MM5Hot Precipitation
VB	65	0.1	72.2	RUC80 850MB Wind (kts)
1	65	0.1	72.4	NGM MSL Pressure (mb)
VB	64	0.1	72.5	AVN 850MB-500MB Rel Humidity (%)
VB	64	0.1	72.6	ETA 700MB Rel Humidity Img(%)
VB	64	0.1	72.8	AVN Surface Dewpoint (F)
1	64	0.1	72.9	LAPS Surface Wind (kts)
VB	63	0.1	73	MRF BLyr Wind (kts)
VB	63	0.1	73.1	RUC80 850MB Equiv Pot Temp (K)
VB	61	0.1	73.3	RUC80 Trop Pressure (mb)

VB	60	0.1	73.4	ETA12 Surface Pos Buoy Energy (J/Kg)
VB	60	0.1	73.5	ETA12 Surface Neg Buoy Energy (J/Kg)
VB	60	0.1	73.6	AVN 700MB Lapse Rate (C/km)
VB	60	0.1	73.7	AVN 850MB-700MB QG Frontogenesis (K^2/m^2/1e15s)
VB	60	0.1	73.9	AVN 700MB-500MB QG Frontogenesis (K^2/m^2/1e15s)
VB	58	0.1	74	AVN 250MB Temperature (C)
VB	58	0.1	74.1	RUC80 500MB-300MB Qn Div (K/m^2/1e16s)
VB	58	0.1	74.2	RUC80 700MB Temperature (C)
VB	57	0.1	74.3	MesoETA Surface Potential Temp (K)
VB	57	0.1	74.4	MRF 1000MB-500MB Rel Humidity Img(%)
VB	57	0.1	74.6	RUC80 850MB Rel Humidity (%)
VB	57	0.1	74.7	MRF 1000MB-500MB Rel Humidity (%)
VB	57	0.1	74.8	RUC80 400MB Pot Vorticity (PVU)
1	56	0.1	74.9	NGM 700MB Height (dam)
VB	56	0.1	75	MesoETA 24 Hr Accum Precip (in)
VB	56	0.1	75.1	MesoETA LineA Temperature (C)
VB	56	0.1	75.2	RUC80 400MB Vorticity (/1e5s)
VB	56	0.1	75.4	RUC80 400MB Height (dam)
VB	55	0.1	75.5	MesoETA 850MB-700MB Potential Temp (K)
1	55	0.1	75.6	NGM 500MB Vorticity (/1e5s)
VB	55	0.1	75.7	RUC80 700MB-500MB Qn Div (K/m^2/1e16s)
VB	55	0.1	75.8	RUC80 850MB Dewpoint (C)
VB	54	0.1	75.9	MesoETA LineA Omega (-ubar/s)
VB	54	0.1	76	MesoETA 250MB Windspeed (kts)
VB	54	0.1	76.1	MesoETA BLyr Potential Temp (K)
VB	53	0.1	76.2	MRF Snow Accumulation (in)
VB	53	0.1	76.3	NGM 500MB-300MB Div Q (K/m^2/1e16s)
1	53	0.1	76.4	RUC80 Surface Wind (kts)
VB	52	0.1	76.5	MesoETA BLyr Equiv Pot Temp (K)
VB	52	0.1	76.6	AVN 300MB Wind (kts)
VB	52	0.1	76.7	MesoETA BLyr Dewpoint (F)
VB	52	0.1	76.9	MesoETA 500MB-300MB Qn Div (K/m^2/1e16s)
VB	52	0.1	77	NGM 850MB Temperature (C)
VB	51	0.1	77.1	ETA pointA Rel Humidity (%)
VB	51	0.1	77.2	MesoETA 700MB Spec Humidity (g/Kg)
VB	51	0.1	77.3	ETA pointA Wind (kts)
VB	51	0.1	77.4	ETA 700MB-500MB Omega (-ubar/s)
VB	51	0.1	77.5	AVN 400MB Height (dam)
VB	50	0.1	77.6	ETA 850MB-700MB QG Frontogenesis (K^2/m^2/1e15s)
VB	50	0.1	77.7	MesoETA 250MB Wind (kts)
1	50	0.1	77.8	ECMWF 500 Height
VB	49	0.1	77.9	MesoETA 850MB-500MB QG Frontogenesis (K^2/m^2/1e15s)
1	49	0.1	78	RUC80 Surface Temperature (F)
VB	49	0.1	78.1	ETA BLyr Wind (kts)
VB	48	0.1	78.2	RUC80 300MB Pot Vorticity (PVU)
VB	48	0.1	78.3	AVN 300MB Height (dam)
VB	48	0.1	78.4	MesoETA 850MB-700MB Rel Humidity Img(%)
VB	48	0.1	78.4	MesoETA LineA Windspeed (kts)
VB	48	0.1	78.5	ETA LineA Wind (kts)
1	48	0.1	78.6	ETA12 Surface Temperature (F)
VB	48	0.1	78.7	MM5Hot Surface Computed LI
VB	48	0.1	78.8	ETA 700MB Dewpoint (C)

VB	47	0.1	78.9	MSAS Surface Moisture Flux Div (g/Kg/12hr)
VB	47	0.1	79	MSAS Surface Computed LI (C)
VB	47	0.1	79.1	RUC80 300MB-200MB Div Q (K/m^2/1e16s)
VB	46	0.1	79.2	AVN Surface Equiv Pot Temp (K)
1	46	0.1	79.3	UKMO 500 Height
VB	46	0.1	79.4	RUC80 700MB Dewpoint (C)
1	45	0.1	79.5	MesoETA 850MB-500MB Rel Humidity Img(%)
VB	45	0.1	79.6	MesoETA 700MB-500MB Rel Humidity (%)
VB	45	0.1	79.7	ETA pointA Temperature (C)
VB	45	0.1	79.8	MesoETA Surface Equiv Pot Temp (K)
VB	44	0.1	79.8	MRF 850MB Rel Humidity (%)
VB	43	0.1	79.9	ETA LineA Lapse Rate (C/km)
VB	43	0.1	80	MesoETA Surface Omega (-ubar/s)
1	43	0.1	80.1	ETA 850MB-500MB Rel Humidity Img(%)
VB	43	0.1	80.2	ETA 400MB Pot Vorticity (PVU)
VB	43	0.1	80.3	MesoETA 850MB-700MB Omega (-ubar/s)
VB	43	0.1	80.4	AVN 700MB-500MB Rel Humidity Img(%)
VB	42	0.1	80.4	ETA LineA Pot Vorticity (PVU)
VB	42	0.1	80.5	MesoETA 850MB Rel Humidity (%)
1	42	0.1	80.6	NGM 700MB Omega (-ubar/s)
VB	41	0.1	80.7	ETA LineA Temperature (C)
2	41	0.1	80.8	Day 3 Convective Outlook
1	40	0.1	80.9	NGM 1000MB-500MB Thickness (dam)
VB	40	0.1	80.9	AVN 700MB-500MB Qn Div (K/m^2/1e16s)
VB	39	0.1	81	MesoETA 300MB Height (dam)
VB	39	0.1	81.1	MRF 700MB Rel Humidity (%)
VB	39	0.1	81.2	MM5Hot Storm Total Precip Img
VB	39	0.1	81.2	AVN Model Run Accum Precip (in)
VB	39	0.1	81.3	ETA 700MB Spec Humidity (g/Kg)
1	39	0.1	81.4	ETA Surface Temperature (F)
VB	39	0.1	81.5	MesoETA pointA Rel Humidity Img(%)
VB	38	0.1	81.6	MesoETA BLyr Spec Humidity (g/Kg)
VB	38	0.1	81.6	MesoETA 6 Hr Accum Precip (in)
VB	38	0.1	81.7	AVN 250MB Temperature Adv (C/12hr)
VB	38	0.1	81.8	AVN 700MB Spec Humidity (g/Kg)
VB	38	0.1	81.9	MesoETA Surface Spec Humidity (g/Kg)
1	38	0.1	81.9	NGM Precipitation (in)
VB	37	0.1	82	AVN pointA Wind (kts)
VB	37	0.1	82.1	MM5Hot Line A Rel Humidity Img
VB	37	0.1	82.2	AVN pointA Rel Humidity (%)
VB	37	0.1	82.2	NGM 700MB-500MB Div Q (K/m^2/1e16s)
1	37	0.1	82.3	ETA Precipitation Img(in)
VB	37	0.1	82.4	MM5Hot Line A Rel Humidity
VB	37	0.1	82.5	MM5Hot Line A Wind
1	37	0.1	82.5	ECMWF MSL Pressure (mb)
VB	36	0.1	82.6	ETA 300MB Height (dam)
VB	36	0.1	82.7	AVN LineA Wind (kts)
VB	36	0.1	82.7	ETA 600MB Rel Humidity (%)
VB	36	0.1	82.8	MesoETA 700MB-500MB Lapse Rate (C/km)
VB	36	0.1	82.9	ETA 250MB Temperature Adv (C/12hr)
1	36	0.1	83	LAPS Surface Dewpoint (F)
1	36	0.1	83	ETA Surface Temperature Img(F)

1	36	0.1	83.1	AVN Layer Rel Humidity Img(%)
VB	36	0.1	83.2	MesoETA pointA Lapse Rate (C/km)
VB	36	0.1	83.3	MesoETA Model Run Accum Precip (in)
VB	36	0.1	83.3	MesoETA pointA Equiv Pot Temp (K)
VB	35	0.1	83.4	MM5Hot Line A Component Along
VB	35	0.1	83.5	AVN 300MB-200MB Windspeed (kts)
VB	35	0.1	83.5	AVN 850MB-700MB Potential Temp (K)
VB	35	0.1	83.6	AVN 850MB-700MB Rel Humidity (%)
VB	35	0.1	83.7	ETA 850MB Height (dam)
VB	35	0.1	83.7	MesoETA 850MB-700MB Thickness (m)
VB	35	0.1	83.8	AVN 500MB-300MB Rel Humidity (%)
VB	35	0.1	83.9	ETA LineA Potential Temp (K)
VB	35	0.1	84	MesoETA LineA Vorticity (/1e5s)
VB	35	0.1	84	ETA12 ETA Model MSLP (mb)
VB	34	0.1	84.1	MRF LineA Rel Humidity (%)
VB	34	0.1	84.2	AVN LineA Rel Humidity (%)
VB	34	0.1	84.2	AVN Surface Potential Temp (K)
VB	34	0.1	84.3	MesoETA 850MB-700MB Equiv Pot Temp (K)
VB	34	0.1	84.4	MRF LineA Wind (kts)
VB	33	0.1	84.4	NGM 1000MB-500MB Div Q (K/m^2/1e16s)
VB	33	0.1	84.5	MesoETA LineA Cond Pressure (mb)
VB	33	0.1	84.6	AVN 1000MB-500MB Div Q (K/m^2/1e16s)
VB	33	0.1	84.6	ETA 300MB Windspeed Img(kt)
VB	33	0.1	84.7	ETA 1000MB-500MB Div Q (K/m^2/1e16s)
VB	33	0.1	84.8	ETA LineA Component Along (kts)
VB	33	0.1	84.8	ETA 700MB-500MB Vrt Temp Chg (C)
VB	32	0.1	84.9	MesoETA 900MB Wind (kts)
VB	32	0.1	85	NGM 300MB Windspeed (kts)
VB	32	0.1	85	ETA LineA Rel Humidity (%)
VB	32	0.1	85.1	AVN Model Run Snow Accum (in)
VB	32	0.1	85.2	AVN 850MB-700MB Rel Humidity Img(%)
VB	32	0.1	85.2	MesoETA LineA Div Q (K/m^2/1e16s)
VB	32	0.1	85.3	AVN pointA Temperature (C)
VB	32	0.1	85.3	AVN LineA Temperature (C)
VB	32	0.1	85.4	MesoETA 400MB Height (dam)
VB	31	0.1	85.5	AVN 700MB-500MB 12hr Height Change (dam)
VB	31	0.1	85.5	MRF 850MB Dewpoint (C)
1	31	0.1	85.6	ETA12 Model Run Accum Precip (in)
1	31	0.1	85.7	ETA Model Run Accum Precip (in)
VB	31	0.1	85.7	ETA LineA Equiv Pot Vort (PVU)
VB	31	0.1	85.8	ETA 850MB-700MB Omega (-ubar/s)
VB	31	0.1	85.8	AVN 700MB-500MB Height (dam)
VB	31	0.1	85.9	MesoETA 850MB-700MB Wind (kts)
VB	31	0.1	86	MesoETA 700MB-500MB Div Q (K/m^2/1e16s)
VB	31	0.1	86	ETA LineA Equiv Pot Temp (K)
VB	31	0.1	86.1	ETA pointA Equiv Pot Temp (K)
VB	31	0.1	86.2	AVN LineA Div Q (K/m^2/1e16s)
VB	31	0.1	86.2	NGM 700MB Wind (kts)
VB	31	0.1	86.3	MRF 850MB Equiv Pot Temp (K)
VB	30	0.1	86.3	ETA Surface Equiv Pot Temp (K)
VB	30	0.1	86.4	AVN Surface Temperature (F)
VB	30	0.1	86.5	ETA 700MB Lapse Rate (C/km)

VB	30	0.1	86.5	LAPS Surface Moisture Flux Div (g/Kg/12hr)
VB	30	0.1	86.6	ETA LineA Geo Momentum (m/s)
VB	29	0.1	86.6	AVN 500MB-300MB Qs Div (K/m^2/1e16s)
VB	29	0.1	86.7	MRF 500MB-300MB Rel Humidity (%)
VB	29	0.1	86.8	AVN Surface Wind Strmlns(kts)
VB	29	0.1	86.8	MesoETA Surface Wet Bulb Temp (F)
VB	29	0.1	86.9	MesoETA 700MB-500MB Height (dam)
VB	29	0.1	86.9	MesoETA 700MB Lapse Rate (C/km)
VB	29	0.1	87	ETA LineA Windspeed (kts)
VB	29	0.1	87	ETA 700MB-500MB Qs Div (K/m^2/1e16s)
VB	29	0.1	87.1	ETA 500MB 12hr Height Change (dam)
VB	29	0.1	87.2	AVN 500MB Windspeed (kts)
VB	29	0.1	87.2	AVN 400MB Windspeed (kts)
VB	29	0.1	87.3	ECMWF 700MB Height (dam)
VB	29	0.1	87.3	AVN 850MB-700MB Omega (-ubar/s)
VB	29	0.1	87.4	AVN Surface Wet Bulb Temp (F)
VB	29	0.1	87.5	AVN pointA Div Q (K/m^2/1e16s)
VB	29	0.1	87.5	AVN 850MB-500MB Thickness (m)
VB	29	0.1	87.6	AVN 700MB-500MB Qs Div (K/m^2/1e16s)
VB	28	0.1	87.6	MRF 250MB Temperature (C)
VB	28	0.1	87.7	LAPS Surface Equiv Pot Temp (K)
VB	28	0.1	87.7	AVN LineA Pot Vorticity (PVU)
VB	28	0.1	87.8	AVN LineA Lapse Rate (C/km)
1	28	0.1	87.8	NGM 6 Hr Accum Precip (in)
VB	28	0.1	87.9	ETA Model Run Snow Accum (in)
VB	28	0.1	88	AVN 850MB-700MB Thickness (m)
VB	28	0.1	88	MesoETA 800MB Potential Temp (K)
VB	27	0.1	88.1	ETA 1000MB-500MB Height (dam)
VB	27	0.1	88.1	ETA 925MB Rel Humidity (%)
VB	27	0.1	88.2	MesoETA 500MB-300MB Rel Humidity (%)
VB	27	0.1	88.2	MRF Layer Rel Humidity Img(%)
VB	27	0.1	88.3	ETA 850MB-500MB Thickness (m)
VB	27	0.1	88.3	ETA pointA Omega (-ubar/s)
VB	27	0.1	88.4	NGM Surface Temperature (F)
VB	27	0.1	88.4	MesoETA Model Run Snow Accum (in)
VB	27	0.1	88.5	NGM 850MB-500MB Thickness (m)
VB	27	0.1	88.6	ETA Layer Preciptable H2O (in)
VB	26	0.1	88.6	MesoETA 900MB Rel Humidity (%)
VB	26	0.1	88.7	ETA 500MB Rel Humidity Img(%)
VB	26	0.1	88.7	NGM pointA Rel Humidity (%)
VB	26	0.1	88.8	NGM pointA Wind (kts)
VB	26	0.1	88.8	MesoETA LineA Equiv Pot Temp (K)
VB	26	0.1	88.9	NGM Layer Rel Humidity (%)
VB	26	0.1	88.9	MesoETA 900MB Temperature (C)
VB	26	0.1	89	NGM pointA Temperature (C)
VB	26	0.1	89	ETA pointA Div Q Img(K/m^2/1e16s)
VB	26	0.1	89.1	ETA pointA Equiv Pot Vort (PVU)
1	26	0.1	89.1	ETA12 Precipitation Img(in)
VB	26	0.1	89.2	MRF Surface Wind (kts)
VB	26	0.1	89.2	MesoETA 700MB-500MB Vrt Temp Chg (C)
VB	26	0.1	89.3	MM5Hot Storm Total Snow
VB	25	0.1	89.3	MRF 500MB Temperature (C)

VB	25	0.1	89.4	ETA LineA Rel Humidity Img(%)
VB	25	0.1	89.4	ETA 500MB-300MB Temperature (C)
1	25	0.1	89.5	ECMWF 1000MB-500MB Thickness (dam)
VB	25	0.1	89.5	Eta Sounding Availability
VB	25	0.1	89.6	MRF 850MB-500MB Thickness (m)
1	24	0	89.6	ECMWF 500MB Vorticity (/1e5s)
VB	24	0	89.7	ETA 500MB Equiv Pot Temp (K)
VB	24	0	89.7	MM5Hot point-A Sounding
VB	24	0	89.8	MesoETA 300K Pressure (mb)
VB	24	0	89.8	MRF 850MB Height (dam)
VB	24	0	89.9	ETA 925MB Equiv Pot Temp (K)
VB	24	0	89.9	ETA 600MB Equiv Pot Temp (K)
VB	24	0	90	AVN 850MB-500MB Rel Humidity Img(%)
VB	24	0	90	AVN LineA Potential Temp (K)
VB	24	0	90.1	MRF 850MB-700MB Rel Humidity (%)
VB	24	0	90.1	ETA 500MB-300MB QG Frontogenesis (K^2/m^2/1e15s)
1	23	0	90.2	RUC80 Precipitation Img(in)
VB	23	0	90.2	Storm Total Precip
1	23	0	90.3	UKMO MSL Pressure
VB	23	0	90.3	AVN LineA Equiv Pot Temp (K)
VB	23	0	90.3	ETA 500MB Lapse Rate (C/km)
VB	23	0	90.4	ETA 1000MB-500MB Rel Humidity (%)
VB	23	0	90.4	ETA 300MB Total Deformation (/1e5s)
VB	23	0	90.5	AVN 700MB-500MB Lapse Rate (C/km)
VB	23	0	90.5	ETA 850MB-700MB Lapse Rate (C/km)
VB	23	0	90.6	ETA 300MB Vorticity (/1e5s)
VB	23	0	90.6	ETA 300MB Deformation (/s)
VB	23	0	90.7	MRF LineA Div Q (K/m^2/1e16s)
VB	23	0	90.7	MRF 700MB-500MB Rel Humidity (%)
1	23	0	90.8	ECMWF MSL Pressure
VB	22	0	90.8	MRF 500MB Rel Humidity (%)
VB	22	0	90.9	NGM Surface Wind (kts)
VB	22	0	90.9	AVN 400MB Vorticity (/1e5s)
VB	22	0	90.9	MesoETA BLyr Rel Humidity (%)
VB	22	0	91	AVN LineA Component Along (kts)
VB	22	0	91	AVN LineA Equiv Pot Vort (PVU)
VB	22	0	91.1	AVN LineA Windspeed (kts)
VB	21	0	91.1	ETA12 Helicity (m^2/s^2)
VB	21	0	91.2	MM5Hot Line A Cloud Condensate
VB	21	0	91.2	MRF 700MB Dewpoint (C)
VB	21	0	91.2	NGM 850MB Wind (kts)
VB	20	0	91.3	MRF LineA Temperature (C)
VB	20	0	91.3	NGM pointA Rel Humidity Img(%)
VB	20	0	91.4	MRF LineA Windspeed (kts)
VB	20	0	91.4	MRF LineA Geo Momentum (m/s)
VB	20	0	91.4	MRF LineA Equiv Pot Temp (K)
VB	20	0	91.5	MesoETA LineA Geo Momentum (m/s)
VB	20	0	91.5	NGM pointA Pot Vorticity (PVU)
VB	20	0	91.6	MRF LineA Pot Vorticity (PVU)
VB	20	0	91.6	MRF LineA Component Along (kts)
VB	20	0	91.6	MesoETA 850MB Potential Temp (K)
VB	20	0	91.7	NGM pointA Div Q (K/m^2/1e16s)

VB	20	0	91.7	MRF LineA Equiv Pot Vort (PVU)
VB	20	0	91.8	MRF LineA Lapse Rate (C/km)
VB	20	0	91.8	ETA 1000MB-500MB Rel Humidity Img(%)
VB	20	0	91.8	NGM pointA Lapse Rate (C/km)
VB	20	0	91.9	LAPS 1500m Pressure (mb)
VB	20	0	91.9	MRF LineA Potential Temp (K)
VB	20	0	92	AVN LineA Geo Momentum (m/s)
VB	20	0	92	MesoETA 700MB Temperature Img(C)
VB	19	0	92	AVN LineA Rel Humidity Img(%)
VB	19	0	92.1	RUC40 Surface Potential Temp (K)
VB	19	0	92.1	AVN 400MB Pot Vorticity (PVU)
VB	19	0	92.2	MRF 850MB-700MB QG Frontogenesis (K^2/m^2/1e15s)
VB	19	0	92.2	NGM 300MB-200MB Div Q (K/m^2/1e16s)
VB	19	0	92.2	LAPS Helicity (m^2/s^2)
VB	18	0	92.3	AVN pointA Equiv Pot Temp (K)
VB	18	0	92.3	AVN pointA Pot Vorticity (PVU)
VB	18	0	92.3	AVN pointA Lapse Rate (C/km)
VB	18	0	92.4	ETA 6 Hr Accum Precip Img(in)
VB	18	0	92.4	AVN pointA Rel Humidity Img(%)
VB	18	0	92.4	MRF 700MB Rel Humidity Img(%)
VB	18	0	92.5	MRF 250MB Wind (kts)
VB	17	0	92.5	AVN 700MB Windspeed (kts)
VB	17	0	92.5	RUC80 850MB-700MB QG Frontogenesis (K^2/m^2/1e15s)
1	17	0	92.6	UKMET MSL Pressure (mb)
VB	17	0	92.6	RUC40 500MB Height (dam)
VB	17	0	92.7	AVN Surface Temperature Img(F)
VB	17	0	92.7	RUC80 700MB Spec Humidity (g/Kg)
VB	17	0	92.7	AVN 700MB Div Q (K/m^2/1e16s)
VB	16	0	92.8	NGM 850MB Dewpoint (C)
VB	16	0	92.8	MM5Hot Surface Rel Humidity Img
VB	16	0	92.8	ETA 500MB Windspeed (kts)
VB	16	0	92.8	NGM 700MB Dewpoint (C)
VB	16	0	92.9	ETA 300K Pressure Adv Img(ubar/s)
VB	16	0	92.9	NGM 850MB Rel Humidity (%)
VB	16	0	92.9	NGM 850MB-500MB Rel Humidity (%)
VB	16	0	93	MM5Hot Storm Total Snow Img
VB	16	0	93	MM5Hot Line A Equiv Pot Temp
VB	16	0	93	NGM 1000MB-850MB Thickness (m)
VB	16	0	93.1	MRF 700MB-500MB Div Q (K/m^2/1e16s)
VB	15	0	93.1	ETA 700MB-500MB Rel Humidity Img(%)
VB	15	0	93.1	MRF 700MB Equiv Pot Temp (K)
VB	15	0	93.2	MesoETA Model Run Accum Precip Img(in)
VB	15	0	93.2	RUC40 700MB Temperature (C)
VB	15	0	93.2	NGM 850MB Equiv Pot Temp (K)
VB	15	0	93.3	MM5Hot Line A Windspeed
VB	15	0	93.3	UKMET 700MB Height (dam)
1	15	0	93.3	MesoETA 3 Hr Accum Precip Img(in)
VB	15	0	93.3	NGM Snow Accumulation (in)
VB	15	0	93.4	NGM 300MB Pot Vorticity (PVU)
VB	15	0	93.4	MM5Hot Line A Temperature
VB	14	0	93.4	ETA 350MB Pot Vorticity (PVU)
VB	14	0	93.5	MM5Hot Surface Neg Buoy Energy

1	14	0	93.5	RUC40 MSL Pressure (mb)
VB	14	0	93.5	MM5Hot Surface Pos Buoy Energy
VB	14	0	93.5	ETA 700MB-500MB Temperature (C)
VB	14	0	93.6	MRF LineA Rel Humidity Img(%)
VB	14	0	93.6	AVN 300MB Windspeed Img(kt)
VB	14	0	93.6	MesoETA Conv Precp (in)
VB	14	0	93.7	LAPS Lifted Index (C)
VB	13	0	93.7	MM5Hot Line A Vertical Velocity
VB	13	0	93.7	NGM 700MB-500MB QG Frontogenesis (K^2/m^2/1e15s)
VB	13	0	93.7	ETA Surface Pos Buoy Energy (J/Kg)
VB	13	0	93.8	NGM 300MB Wind (kts)
VB	13	0	93.8	NGM Surface Dewpoint (F)
1	13	0	93.8	AVN 6 Hr Accum Precip Img(in)
VB	13	0	93.8	MRF 250MB Height (dam)
VB	13	0	93.9	MM5Hot Line A Lapse Rate
VB	13	0	93.9	NGM 700MB Rel Humidity Img(%)
VB	13	0	93.9	NGM 500MB Pot Vorticity (PVU)
VB	13	0	93.9	AVN 700MB-500MB Vrt Temp Chg (C)
VB	13	0	94	MesoETA pointA Div Q (K/m^2/1e16s)
VB	13	0	94	NGM 850MB-700MB QG Frontogenesis (K^2/m^2/1e15s)
VB	12	0	94	ETA 300MB Wind (kts)
VB	12	0	94	MM5Hot Line A Pot Vorticity
VB	12	0	94.1	MesoETA pointA Vorticity Adv (/1e9s)
VB	12	0	94.1	MRF 850MB-700MB Thickness (m)
VB	12	0	94.1	MM5Hot Line A ThetaE Lapse Rate
VB	12	0	94.1	MM5Hot Line A Shear Magnitude
VB	12	0	94.2	MM5Hot Line A Equiv Pot Vorticity
VB	12	0	94.2	MM5Hot Line A Magnitude Geo Wind
VB	12	0	94.2	RUC80 pointA Wind (kts)
VB	12	0	94.2	RUC80 pointA Rel Humidity (%)
1	12	0	94.3	ETA12 Surface Temperature Img(F)
VB	12	0	94.3	RUC80 700MB Rel Humidity (%)
VB	12	0	94.3	ETA 24 Hr Accum Precip (in)
VB	12	0	94.3	RUC80 pointA Lapse Rate (C/km)
VB	12	0	94.4	AVN 500MB Rel Humidity Img(%)
1	12	0	94.4	MesoETA Surface Dewpoint Img(F)
VB	12	0	94.4	MM5Hot Line A Shear Vector
VB	12	0	94.4	RUC80 500MB Wind (kts)
1	12	0	94.5	NGM Precipitation Img(in)
VB	12	0	94.5	RUC80 pointA Temperature (C)
VB	12	0	94.5	RUC80 pointA Rel Humidity Img(%)
VB	12	0	94.5	NGM point-A Sounding ()
VB	12	0	94.5	MesoETA Surface Rel Humidity Img(%)
VB	11	0	94.6	ETA 850MB-700MB Equiv Pot Temp (K)
VB	11	0	94.6	MesoETA LineA Equiv Pot Vort (PVU)
VB	11	0	94.6	ETA 300MB Rel Humidity (%)
VB	11	0	94.6	AVN 24 Hr Accum Precip (in)
VB	11	0	94.7	ECMWF 200MB Windspeed (kts)
VB	11	0	94.7	AVN Surface Dewpoint Img(F)
VB	11	0	94.7	MM5Hot Column Max Refl
VB	11	0	94.7	RUC40 500MB Vorticity (/1e5s)
VB	11	0	94.7	MM5Hot Surface Equiv Pot Temperature

VB	11	0	94.8	MM5Hot 850MB Wind
VB	11	0	94.8	AVN point-A Sounding ()
1	11	0	94.8	RUC80 700MB Omega (-ubar/s)
VB	11	0	94.8	AVN 700MB Temperature Img(C)
VB	11	0	94.9	ETA pointA Div Q (K/m^2/1e16s)
VB	11	0	94.9	ETA Surface Neg Buoy Energy (J/Kg)
VB	11	0	94.9	RUC80 300MB Height (dam)
VB	10	0	94.9	MesoETA 300K Pressure Adv (ubar/s)
VB	10	0	94.9	AVN 700MB-500MB Rel Humidity (%)
VB	10	0	95	ETA 900MB Wind (kts)
VB	10	0	95	MM5Hot Surface Windspeed
VB	10	0	95	MesoETA Stable Precip (in)
VB	10	0	95	AVN pointA Vorticity Adv (/1e9s)
VB	10	0	95	MesoETA 300MB Windspeed Img(kt)
VB	10	0	95.1	MesoETA 850MB Equiv Pot Temp Img(C)
VB	10	0	95.1	MesoETA 500MB Vorticity Img(/1e5s)
VB	10	0	95.1	RUC80 850MB Height (dam)
VB	10	0	95.1	MesoETA Lifted Index (C)
VB	10	0	95.1	MM5Hot Model Run Snow Accum
VB	9	0	95.2	UKMET 6 Hr Accum Precip (in)
VB	9	0	95.2	RUC80 Snow Accumulation (in)
VB	9	0	95.2	AVN 850MB-700MB Lapse Rate (C/km)
1	9	0	95.2	UKMET 850MB-500MB Rel Humidity (%)
VB	9	0	95.2	RUC80 700MB-500MB Rel Humidity (%)
VB	9	0	95.2	AVN 300MB Deformation (/s)
VB	9	0	95.3	ETA 300MB Divergence (/1e5s)
1	9	0	95.3	UKMET 500MB Vorticity (/1e5s)
VB	9	0	95.3	AVN 850MB-700MB Wind (kts)
1	9	0	95.3	UKMET 1000MB-500MB Thickness (dam)
VB	9	0	95.3	MesoETA 925MB Wind (kts)
1	9	0	95.4	UKMET 700MB Omega (-ubar/s)
VB	9	0	95.4	ETA 300MB-200MB Windspeed (kts)
VB	9	0	95.4	AVN 500MB-300MB QG Frontogenesis (K^2/m^2/1e15s)
1	9	0	95.4	RUC40 700MB Omega (-ubar/s)
VB	9	0	95.4	MSAS Surface Equiv Pot Temp Img(K)
VB	9	0	95.4	RUC80 500MB Temperature (C)
VB	9	0	95.5	MesoETA 300MB Rel Humidity (%)
VB	9	0	95.5	AVN 500MB-300MB Windspeed (kts)
VB	9	0	95.5	MRF 850MB-700MB Div Q (K/m^2/1e16s)
VB	9	0	95.5	RUC40 700MB Height (dam)
VB	8	0	95.5	RUC80 250MB Wind (kts)
VB	8	0	95.6	NGM 500MB Temperature (C)
1	8	0	95.6	RUC40 3 Hr Accum Precip (in)
VB	8	0	95.6	QG MSL Pressure
VB	8	0	95.6	AVN 850MB Potential Temp (K)
1	8	0	95.6	LAPS Surface Temperature (F)
VB	8	0	95.6	AVN 300MB Vorticity (/1e5s)
VB	8	0	95.6	AVN 850MB Equiv Pot Temp Img(C)
VB	8	0	95.7	MRF BLyr Temperature (F)
VB	8	0	95.7	ETA12 Surface Potential Temp (K)
VB	8	0	95.7	ETA 925MB Wind (kts)
VB	8	0	95.7	ETA 500MB Div Q (K/m^2/1e16s)

VB	8	0	95.7	MesoETA 700MB-500MB Omega (-ubar/s)
VB	8	0	95.7	RUC80 700MB-500MB QG Frontogenesis (K^2/m^2/1e15s)
VB	8	0	95.8	ETA12 Surface Rel Humidity (%)
VB	8	0	95.8	ETA 500MB-300MB Height (dam)
VB	8	0	95.8	MesoETA 850MB Rel Humidity Img(%)
VB	8	0	95.8	MesoETA 300K Wind (kts)
VB	8	0	95.8	AVN 500MB Lapse Rate (C/km)
VB	8	0	95.8	ETA 300MB Temperature (C)
VB	8	0	95.9	RUC80 250MB Temperature (C)
1	8	0	95.9	RUC80 3 Hr Accum Precip (in)
1	8	0	95.9	RUC40 Surface Dewpoint (F)
VB	8	0	95.9	AVN 700MB-500MB Omega (-ubar/s)
VB	8	0	95.9	MRF 700MB-500MB Rel Humidity Img(%)
VB	8	0	95.9	RUC80 250MB Windspeed (kts)
VB	8	0	96	MesoETA Surface Pos Buoy Energy Img(J/kg)
VB	8	0	96	MRF 500MB 5-wave geopotential height (m)
VB	8	0	96	RUC80 250MB Temperature Adv (C/12hr)
VB	8	0	96	RUC80 700MB Equiv Pot Temp (K)
VB	8	0	96	MesoEta 800MB-700MB Rel Humidity Img
VB	7	0	96	RUC80 LineA Wind (kts)
VB	7	0	96	AVN LineA Omega (-ubar/s)
VB	7	0	96.1	MM5Hot Surface Equiv Pot Temp Img
VB	7	0	96.1	ETA 900MB Height (m)
VB	7	0	96.1	RUC80 MaxWind Wind (kts)
VB	7	0	96.1	RUC80 LineA Lapse Rate (C/km)
VB	7	0	96.1	ETA12 Model Run Accum Precip Img(in)
VB	7	0	96.1	ETA 600MB Wind (kts)
VB	7	0	96.1	MSAS Surface Temperature (F)
VB	7	0	96.2	MesoETA 850MB-700MB 12hr Height Change (dam)
VB	7	0	96.2	MSAS Surface Dewpoint Dep (F)
VB	7	0	96.2	ETA 500MB Pot Vorticity (PVU)
VB	7	0	96.2	RUC80 LineA Div Q (K/m^2/1e16s)
VB	7	0	96.2	ETA 300MB Rel Humidity Img(%)
VB	7	0	96.2	MesoETA 30agl Rel Humidity (%)
VB	7	0	96.2	MRF 300MB Height (dam)
VB	7	0	96.3	ENSEMBLE 500MB Height Ensemble Mean (dam)
VB	7	0	96.3	MRF 850MB-500MB Rel Humidity Img(%)
VB	7	0	96.3	RUC80 500MB-300MB Height (dam)
VB	7	0	96.3	ETA 500MB Divergence (/1e5s)
VB	7	0	96.3	RUC80 LineA Rel Humidity (%)
VB	7	0	96.3	MRF 250MB Divergence (/1e5s)
VB	7	0	96.3	MRF 700MB Windspeed (kts)
1	7	0	96.4	ETA Surface Dewpoint (F)
1	7	0	96.4	RUC40 1000MB-500MB Thickness (dam)
1	7	0	96.4	RUC40 850MB-500MB Rel Humidity (%)
VB	7	0	96.4	RUC80 MaxWind Windspeed (kts)
VB	7	0	96.4	MesoETA 60agl Rel Humidity (%)
VB	7	0	96.4	RUC80 LineA Pot Vorticity (PVU)
VB	7	0	96.4	ETA 500MB-300MB Div Q Img(K/m^2/1e16s)
VB	7	0	96.5	MRF 300MB Pot Vorticity (PVU)
VB	7	0	96.5	MesoETA 850MB-700MB Temperature (C)
VB	7	0	96.5	RUC80 LineA Potential Temp (K)

VB	7	0	96.5	ETA 600MB Temperature (C)
VB	7	0	96.5	RUC80 LineA Component Along (kts)
VB	7	0	96.5	MesoETA 500MB-300MB Windspeed (kts)
VB	7	0	96.5	NGM 300MB Height (dam)
VB	7	0	96.6	RUC80 LineA Rel Humidity Img(%)
VB	7	0	96.6	MM5Hot Surface Reflectivity
VB	7	0	96.6	ETA 850MB-700MB Thickness (m)
VB	7	0	96.6	MesoETA BLyr Temperature (F)
VB	7	0	96.6	MesoETA 120agl Rel Humidity (%)
1	7	0	96.6	RUC80 MaxWind Wind Strmlns(kts)
VB	7	0	96.6	ETA 850MB-500MB Omega (-ubar/s)
VB	7	0	96.6	ETA 900MB Temperature (C)
VB	7	0	96.7	MM5Hot Surface Potential Temperature
VB	6	0	96.7	MesoETA 600MB Equiv Pot Temp (K)
VB	6	0	96.7	ETA 300K Pressure (mb)
VB	6	0	96.7	MRF 500MB Windspeed (kts)
VB	6	0	96.7	RUC40 500MB Wind (kts)
VB	6	0	96.7	MesoETA Helicity Img(m^2/s^2)
VB	6	0	96.7	ETA 500MB Dewpoint (C)
VB	6	0	96.7	AVN 850MB-700MB Pot Temp Adv (C/12hr)
VB	6	0	96.8	MesoETA 500MB Rel Humidity (%)
VB	6	0	96.8	RUC80 900MB Wind (kts)
VB	6	0	96.8	RUC80 700MB Rel Humidity Img(%)
VB	6	0	96.8	MM5Hot Line A Omega
VB	6	0	96.8	RUC80 850MB 12hr Height Change (dam)
VB	6	0	96.8	MRF 850MB-500MB Lapse Rate (C/km)
VB	6	0	96.8	MRF 850MB Potential Temp (K)
VB	6	0	96.8	RUC80 900MB Temperature (C)
VB	6	0	96.9	ETA pointA Rel Humidity Img(%)
VB	6	0	96.9	MRF 700MB-500MB Wind (kts)
VB	6	0	96.9	ETA 400MB Div Q (K/m^2/1e16s)
VB	6	0	96.9	MRF 700MB-500MB Vrt Temp Chg (C)
VB	6	0	96.9	MesoETA 300K Pressure Adv Img(ubar/s)
VB	6	0	96.9	MesoETA 750MB Equiv Pot Temp (K)
VB	6	0	96.9	MesoETA 850MB-700MB ThetaE Lapse Rate (K/km)
VB	6	0	96.9	AVN BLyr Rel Humidity Img(%)
VB	6	0	97	UKMET 700MB Temperature (C)
VB	6	0	97	MDCRS point-A Sounding ()
VB	6	0	97	MesoETA Thunderstorm probability (%)
VB	6	0	97	MRF 850MB-700MB Wind (kts)
VB	6	0	97	MRF 24 Hr Accum Precip (in)
VB	6	0	97	RUC40 500MB Rel Humidity (%)
VB	6	0	97	ETA 700MB Div Q (K/m^2/1e16s)
1	6	0	97	LAMP MSL Pressure (mb)
VB	6	0	97	MesoETA 850MB-700MB Lapse Rate (C/km)
VB	6	0	97.1	MRF 700MB-500MB Windspeed (kts)
VB	6	0	97.1	MM5Hot 850MB Temperature
1	6	0	97.1	RUC80 Surface Rel Humidity Img(%)
1	6	0	97.1	MesoETA Surface Temperature Img(F)
VB	6	0	97.1	ETA 1000MB-500MB Wind (kts)
1	6	0	97.1	LAPS Surface Wind Strmlns(kts)
VB	6	0	97.1	MesoETA 600MB Wind (kts)

VB	6	0	97.1	AVN Surface Spec Humidity (g/Kg)
1	6	0	97.2	LAPS MSL Pressure (mb)
VB	6	0	97.2	RUC80 900MB Rel Humidity (%)
VB	6	0	97.2	MesoETA 800MB Equiv Pot Temp (K)
VB	6	0	97.2	AVN 850MB-700MB Temperature Adv (C/12hr)
VB	6	0	97.2	MRF 500MB-300MB Windspeed (kts)
VB	6	0	97.2	AVN 300MB Rel Humidity (%)
VB	6	0	97.2	ETA 500MB-300MB Omega (-ubar/s)
VB	6	0	97.2	MM5Hot Storm Total Precip
VB	6	0	97.3	VWP point-A Sounding ()
VB	6	0	97.3	ETA 300MB Dewpoint Dep Img(C)
VB	6	0	97.3	MesoETA 650MB Equiv Pot Temp (K)
VB	6	0	97.3	MRF Stable Precip (in)
VB	5	0	97.3	ETA 700MB-500MB Wind (kts)
1	5	0	97.3	RUC40 Surface Precip Type Icons()
VB	5	0	97.3	RUC80 LineA Equiv Pot Vort (PVU)
VB	5	0	97.3	AVN Model Run Accum Precip Img(in)
VB	5	0	97.3	ECMWF 200MB Windspeed Img(kt)
VB	5	0	97.3	ETA 800MB Dewpoint (C)
VB	5	0	97.4	ECMWF 850MB Dewpoint (C)
VB	5	0	97.4	MSAS Altimeter (mb)
VB	5	0	97.4	RUC80 LineA Equiv Pot Temp (K)
VB	5	0	97.4	RUC80 500MB Rel Humidity (%)
VB	5	0	97.4	MesoETA BLyr Equiv Pot Temp Img(K)
VB	5	0	97.4	MM5Hot Surface Omega
VB	5	0	97.4	ECMWF 850MB Dewpoint Img(C)
VB	5	0	97.4	MRF 1000MB Equiv Pot Temp (K)
VB	5	0	97.4	MesoETA LineA Component Along Img(kt)
VB	5	0	97.4	ETA 800MB Moisture Flux Div (g/Kg/12hr)
VB	5	0	97.5	MM5Hot Line A Cloud Condensate Img
VB	5	0	97.5	MM5Hot Snow Accumulation
1	5	0	97.5	RUC40 Precipitation Img(in)
VB	5	0	97.5	MesoETA 925MB Dewpoint (C)
VB	5	0	97.5	MesoETA 600MB Height (dam)
VB	5	0	97.5	MRF 500MB-300MB Qn Div (K/m^2/1e16s)
1	5	0	97.5	RUC40 Surface Temperature (F)
VB	5	0	97.5	RUC80 LineA Temperature (C)
VB	5	0	97.5	ETA 300MB Div Q (K/m^2/1e16s)
VB	5	0	97.5	ETA pointA Lapse Rate (C/km)
VB	5	0	97.6	RUC80 LineA Spec Humidity (g/Kg)
VB	5	0	97.6	MM5Hot Surface Wet Bulb Temperature
VB	5	0	97.6	ETA 800MB Equiv Pot Temp (K)
1	5	0	97.6	RUC40 Surface Rel Humidity (%)
VB	5	0	97.6	MM5Hot Surface Vertical Velocity
VB	5	0	97.6	ETA 800MB Temperature (C)
VB	5	0	97.6	MesoETA 300MB Rel Humidity Img(%)
VB	5	0	97.6	MRF 500MB Equiv Pot Temp (K)
1	5	0	97.6	UKMET Precipitation (in)
VB	5	0	97.6	SPC Fire Weather Outlook - Day 1
VB	5	0	97.7	MesoETA 300MB Omega (-ubar/s)
VB	5	0	97.7	ETA 250MB Height (dam)
VB	5	0	97.7	ETA 800MB Wind (kts)

1	5	0	97.7	RUC40 Surface Wind Strmlns(kts)
VB	5	0	97.7	AVN 300MB Rel Humidity Img(%)
VB	5	0	97.7	MM5Hot Surface Saturated Equiv Pot Temp
VB	5	0	97.7	UKMET 250MB Height (dam)
VB	5	0	97.7	MRF 300MB Rel Humidity (%)
VB	5	0	97.7	MM5Hot 925MB Rel Humidity
VB	5	0	97.7	NGM pointA Vorticity Adv (/1e9s)
VB	5	0	97.8	MesoETA 800MB Wind (kts)
VB	5	0	97.8	ETA 700MB Temperature Img(C)
VB	5	0	97.8	RUC80 LineA Windspeed (kts)
VB	5	0	97.8	MRF 250MB Windspeed Img(kt)
VB	5	0	97.8	ETA pointA Pot Vorticity (PVU)
VB	5	0	97.8	MM5Hot Helicity
VB	4	0	97.8	ENSEMBLE 250MB Wind Ensemble Mean (kts)
VB	4	0	97.8	MesoETA 500MB Vorticity Adv (/1e9s)
VB	4	0	97.8	ENSEMBLE 250MB Wind Perturbation 2 (kts)
VB	4	0	97.8	MM5Hot Surface Cloud Cover
VB	4	0	97.8	ETA 850MB-700MB Div Q (K/m^2/1e16s)
VB	4	0	97.9	MesoETA 400MB Windspeed (kts)
VB	4	0	97.9	NGM 700MB-500MB Lapse Rate (C/km)
VB	4	0	97.9	ETA 850MB Temperature Img(C)
VB	4	0	97.9	ENSEMBLE 250MB Wind Perturbation 10 (kts)
VB	4	0	97.9	MesoETA 500MB-300MB Rel Humidity Img(%)
VB	4	0	97.9	ETA 500MB-300MB Windspeed (kts)
1	4	0	97.9	ETA12 Surface Dewpoint Img(F)
VB	4	0	97.9	ENSEMBLE 250MB Wind Perturbation 4 (kts)
VB	4	0	97.9	MRF 250MB Temperature Adv (C/12hr)
1	4	0	97.9	LAPS Surface Rel Humidity (%)
VB	4	0	97.9	Eta 300MB-250MB Windspeed
VB	4	0	97.9	ETA 850MB Equiv Pot Temp Img(C)
VB	4	0	98	ETA 850MB-700MB Rel Humidity Img(%)
VB	4	0	98	MesoETA 400MB Omega (-ubar/s)
VB	4	0	98	MesoETA Snow Accumulation Img(in)
VB	4	0	98	ENSEMBLE 250MB Wind Perturbation 8 (kts)
VB	4	0	98	MesoETA LineA Windspeed Img(kt)
VB	4	0	98	RUC40 500MB Vorticity Adv (/1e9s)
VB	4	0	98	ETA 300K Wind (kts)
VB	4	0	98	MesoETA Surface Equiv Pot Temp Img(K)
VB	4	0	98	MesoETA 500MB Windspeed (kts)
VB	4	0	98	Eta 300MB-250MB Windspeed Img
VB	4	0	98	ENSEMBLE 250MB Wind Perturbation 11 (kts)
VB	4	0	98	RUC40 300MB Windspeed (kts)
VB	4	0	98	Eta 400MB-300MB Windspeed
1	4	0	98.1	LAPS Precipitation Img(in)
VB	4	0	98.1	MesoETA 500MB Omega (-ubar/s)
VB	4	0	98.1	AVN 500MB-300MB Div Q Img(K/m^2/1e16s)
VB	4	0	98.1	ENSEMBLE 250MB Wind Perturbation 3 (kts)
VB	4	0	98.1	RUC40 500MB Rel Humidity Img(%)
VB	4	0	98.1	MRF 700MB Spec Humidity (g/Kg)
VB	4	0	98.1	ENSEMBLE 250MB Wind Perturbation 12 (kts)
VB	4	0	98.1	MesoETA Maximum Temperature Img(K)
VB	4	0	98.1	MesoETA Maximum Temperature (K)

VB	4	0	98.1	ENSEMBLE 250MB Wind Perturbation 9 (kts)
VB	4	0	98.1	LAPS Snow Accumulation (in)
VB	4	0	98.1	MesoETA 500MB-300MB Vorticity Adv (/1e9s)
VB	4	0	98.2	MRF 400MB Pot Vorticity (PVU)
VB	4	0	98.2	RUC40 500MB Omega (-ubar/s)
VB	4	0	98.2	ETA LineA Omega (-ubar/s)
1	4	0	98.2	LAPS Surface Precip Type Icons()
VB	4	0	98.2	ENSEMBLE 250MB Wind Perturbation 5 (kts)
VB	4	0	98.2	ETA 300K Pressure Adv (ubar/s)
1	4	0	98.2	RUC80 850MB-500MB Rel Humidity Img(%)
VB	4	0	98.2	MesoETA 300K Mont Strm Func (dam)
VB	4	0	98.2	MesoETA 500MB-300MB Divergence (/1e5s)
VB	4	0	98.2	ENSEMBLE 250MB Wind Perturbation 7 (kts)
VB	4	0	98.2	ENSEMBLE 250MB Wind Perturbation 1 (kts)
VB	4	0	98.2	ETA 600MB Dewpoint (C)
VB	4	0	98.3	MesoETA 925MB Rel Humidity (%)
VB	4	0	98.3	ENSEMBLE 250MB Wind Perturbation 6 (kts)
VB	4	0	98.3	ETA 850MB Potential Temp (K)
VB	4	0	98.3	ETA12 Surface Equiv Pot Temp (K)
VB	4	0	98.3	MM5Hot Lifted Index
VB	4	0	98.3	ETA 500MB Omega (-ubar/s)
VB	4	0	98.3	RUC40 300MB Divergence (/1e5s)
VB	4	0	98.3	ENSEMBLE 250MB Height Ensemble Mean (dam)
VB	4	0	98.3	MRF 250MB Temperature Img(C)
VB	4	0	98.3	MM5Hot Surface Neg Buoy Energy Img
VB	4	0	98.3	MSAS Surface Equiv Pot Temperature
VB	4	0	98.3	ETA 500MB Dewpoint Dep Img(C)
VB	4	0	98.3	MesoETA 500MB-300MB Omega (-ubar/s)
VB	3	0	98.4	RUC80 pointA Wet Bulb Temp (C)
VB	3	0	98.4	UKMET 300MB-250MB Windspeed Img
VB	3	0	98.4	MesoETA 120agl Wind (kts)
VB	3	0	98.4	NGM 900MB Wind (kts)
VB	3	0	98.4	RUC40 300MB Wind (kts)
VB	3	0	98.4	MesoETA 12 Hr Accum Precip (in)
VB	3	0	98.4	MM5Hot 850MB-800MB Dewpoint Dep
VB	3	0	98.4	RUC80 pointA Pot Vorticity (PVU)
VB	3	0	98.4	MM5Hot Surface Dewpoint Img
VB	3	0	98.4	ETA 850MB-700MB Wind (kts)
VB	3	0	98.4	MesoETA 850MB-700MB Rel Humidity (%)
VB	3	0	98.4	Eta 400MB-200MB DIV Q
VB	3	0	98.4	AVN 850MB-700MB Equiv Pot Temp (K)
VB	3	0	98.4	MesoETA 6 Hr Snow Accum (in)
VB	3	0	98.4	MesoETA 400MB Wind (kts)
1	3	0	98.4	ETA 500MB Vorticity Img(/1e5s)
VB	3	0	98.4	UKMET 300MB-250MB Height
VB	3	0	98.5	MM5Hot Line A Hydrometer Conc
VB	3	0	98.5	MesoETA 90agl Wind (kts)
VB	3	0	98.5	MRF 250MB Div Q (K/m^2/1e16s)
VB	3	0	98.5	AVN 700MB-300MB Rel Humidity Img(%)
VB	3	0	98.5	MRF 300MB Rel Humidity Img(%)
VB	3	0	98.5	MRF 300MB-250MB Height
VB	3	0	98.5	Eta 800MB-700MB Equiv Pot Temp

VB	3	0	98.5	SPC Fire Weather Outlook - Day 2
VB	3	0	98.5	MM5Hot Model Run Snow Accum Img
VB	3	0	98.5	MM5Hot Surface Windspeed Img
VB	3	0	98.5	MM5Hot 850MB-800MB Wind
VB	3	0	98.5	ETA 1000MB-500MB Temperature (C)
VB	3	0	98.5	Eta Bufr pointA Rel Humidity Img(%)
VB	3	0	98.5	AVN Lifted Index (C)
VB	3	0	98.5	UKMET 250MB Temperature (C)
VB	3	0	98.5	MM5Hot 700MB-600MB Dewpoint Dep Img
VB	3	0	98.6	MesoETA 700MB-500MB Qn Div (K/m^2/1e16s)
VB	3	0	98.6	LAPS Surface Pos Buoy Energy Img(J/kg)
VB	3	0	98.6	MRF 300MB-250MB Windspeed Img
VB	3	0	98.6	MesoETA K Index (C)
VB	3	0	98.6	RUC80 700MB-500MB Vrt Temp Chg (C)
VB	3	0	98.6	MM5Hot Surface Moisture Adv
VB	3	0	98.6	RUC80 pointA Div Q (K/m^2/1e16s)
VB	3	0	98.6	MM5Hot Surface Divergence
VB	3	0	98.6	MesoETA 850MB-500MB Lapse Rate (C/km)
VB	3	0	98.6	MesoETA Surface Computed LI (C)
VB	3	0	98.6	MM5Hot Surface Temperature Gradient
VB	3	0	98.6	ETA Conv Precp (in)
VB	3	0	98.6	RUC80 500MB Omega (-ubar/s)
VB	3	0	98.6	RUC80 pointA Windspeed (kts)
VB	3	0	98.6	RUC80 pointA Equiv Pot Temp (K)
VB	3	0	98.6	MRF 300MB-250MB Windspeed
VB	3	0	98.6	MM5Hot 6 Hr Snow Accum
VB	3	0	98.7	RUC80 300MB Windspeed Img(kt)
1	3	0	98.7	ETA12 Surface Rel Humidity Img(%)
VB	3	0	98.7	ETA 700MB-500MB Windspeed (kts)
VB	3	0	98.7	AVN 250MB Divergence (/1e5s)
VB	3	0	98.7	MM5Hot Surface Vorticity
VB	3	0	98.7	Eta 800MB-700MB Wind
VB	3	0	98.7	Eta 800MB-700MB Equiv Pot Temp Img
VB	3	0	98.7	NGM 850MB-500MB Rel Humidity Img(%)
VB	3	0	98.7	ETA BLyr Rel Humidity Img(%)
VB	3	0	98.7	RUC80 pointA QG Frontogenesis (K^2/m^2/1e15s)
VB	3	0	98.7	MM5Hot Point A Rel Humidity Img
VB	3	0	98.7	MM5Hot Point A Wind
VB	3	0	98.7	RUC80 700MB-500MB Lapse Rate (C/km)
VB	3	0	98.7	ETA 1000MB-500MB Thickness Img(dam)
VB	3	0	98.7	AVN LineA Spec Humidity (g/Kg)
VB	3	0	98.7	Eta 900MB-800MB Wind
VB	3	0	98.7	AVN 12 Hr Accum Precip (in)
VB	3	0	98.8	UKMET 300MB-250MB DIV Q
VB	3	0	98.8	RUC80 pointA Equiv Pot Vort (PVU)
VB	3	0	98.8	MRF 300MB Windspeed Img(kt)
VB	3	0	98.8	RUC40 300MB Vorticity Adv (/1e9s)
VB	3	0	98.8	NGM 700MB-500MB Vrt Temp Chg (C)
VB	3	0	98.8	RUC80 pointA Potential Temp (K)
VB	3	0	98.8	MM5Hot Surface Net Isen Adiabatic Omega
VB	3	0	98.8	MesoETA 850MB-500MB Thickness (m)
VB	3	0	98.8	ETA 850MB-700MB ThetaE Lapse Rate (K/km)

VB	3	0	98.8	ETA 650MB Wind (kts)
VB	3	0	98.8	UKMET 300MB-250MB Temperature
VB	3	0	98.8	Eta Bufr pointA Wind (kts)
VB	3	0	98.8	NGM 850MB-700MB Wind (kts)
VB	3	0	98.8	AVN LineA ThetaE Lapse Rate (K/km)
VB	3	0	98.8	ETA pointA Vorticity Adv (/1e9s)
VB	2	0	98.8	ETA Helicity Img(m^2/s^2)
1	2	0	98.8	AVN 500MB Vorticity Img(/1e5s)
VB	2	0	98.9	MesoETA 300K Rel Humidity (%)
VB	2	0	98.9	QG 6 Hr Accum Precip
VB	2	0	98.9	MDCRS 000-050 hft
VB	2	0	98.9	GOES Sounding Availability
VB	2	0	98.9	MM5Hot 925MB Wind
VB	2	0	98.9	NGM LineA Rel Humidity Img(%)
VB	2	0	98.9	MRF 250MB Divergence Img(/1e5s)
VB	2	0	98.9	MM5Hot 700MB-500MB Reflectivity
VB	2	0	98.9	MesoETA LineA Omega Img(-ubar/s)
VB	2	0	98.9	LAPS 800MB Wind (kts)
VB	2	0	98.9	NGM 700MB Rel Humidity (%)
VB	2	0	98.9	MM5Hot 850MB Cloud Condensate
VB	2	0	98.9	AVN 250MB Pot Vorticity Img(PVU)
VB	2	0	98.9	MM5Hot Surface Pressure
VB	2	0	98.9	AVN 500MB-300MB 12hr Height Change (dam)
VB	2	0	98.9	RUC40 Surface Pos Buoy Energy (J/Kg)
VB	2	0	98.9	QG 500MB Vorticity
VB	2	0	98.9	MesoETA NWS MSLP (mb)
VB	2	0	98.9	RUC40 500MB-300MB Divergence (/1e5s)
VB	2	0	98.9	ETA 700MB-500MB Height (dam)
VB	2	0	98.9	AVN 300MB Div Q (K/m^2/1e16s)
VB	2	0	98.9	NGM 500MB Rel Humidity Img(%)
VB	2	0	98.9	ETA 800MB Height (dam)
VB	2	0	98.9	ETA 925MB Rel Humidity Img(%)
VB	2	0	98.9	NGM 700MB-500MB Potential Temp (K)
VB	2	0	99	RUC40 700MB Rel Humidity Img(%)
VB	2	0	99	ETA 500MB-100MB Qn Div (K/m^2/1e16s)
VB	2	0	99	MesoETA BLyr Cond Pres Def (mb)
VB	2	0	99	RUC40 300MB Div Q (K/m^2/1e16s)
VB	2	0	99	ETA LineA Wet Bulb Temp (C)
VB	2	0	99	NGM LineA Lapse Rate (C/km)
VB	2	0	99	AVN 700MB Vorticity (/1e5s)
VB	2	0	99	Eta 500MB-400MB Windspeed
VB	2	0	99	ETA 700MB-500MB Dewpoint Dep (C)
VB	2	0	99	RUC80 850MB Rel Humidity Img(%)
VB	2	0	99	RUC40 700MB-500MB 12hr Height Change Img(dam)
VB	2	0	99	NGM LineA Temperature (C)
VB	2	0	99	MRF Model Run Accum Precip (in)
VB	2	0	99	ETA 850MB Dewpoint Dep Img(C)
VB	2	0	99	MM5Hot 850MB Equiv Potential Temp
VB	2	0	99	NGM 700MB-500MB Windspeed (kts)
VB	2	0	99	AVN 12 Hr Snow Accum (in)
VB	2	0	99	ETA 400MB Height (dam)
VB	2	0	99	RUC40 850MB-800MB Potential Temperature

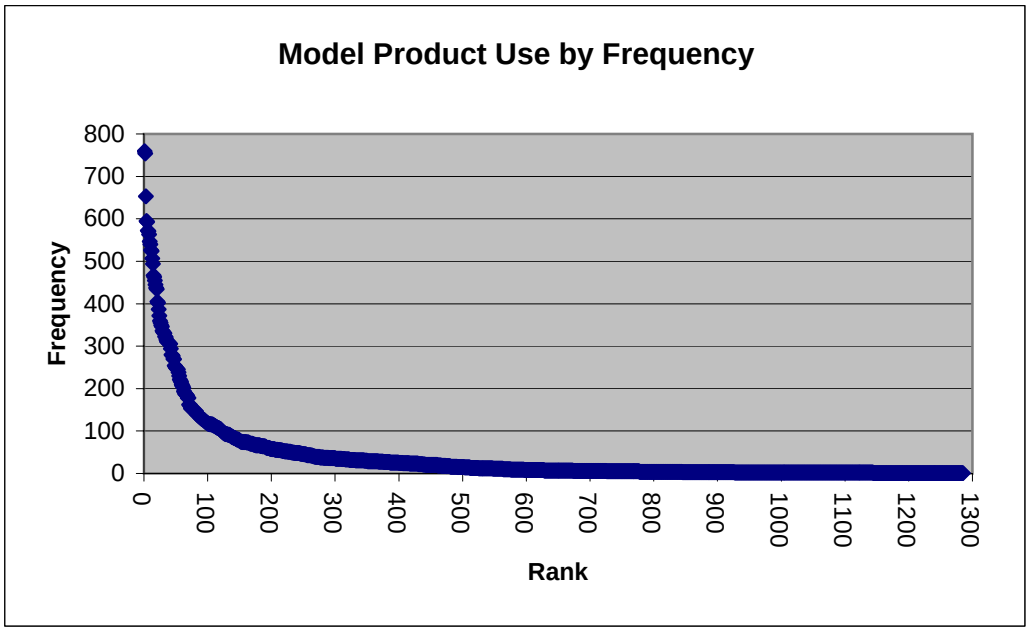
VB	2	0	99	MM5Hot 900MB Wind
VB	2	0	99	ETA 12 Hr Snow Accum Img(in)
VB	2	0	99	ETA 300K Pressure Img(mb)
VB	2	0	99	MM5Hot 700MB Wind
VB	2	0	99	MM5Hot Surface Cloud Cover
VB	2	0	99	QG 850MB-500MB Rel Humidity
VB	2	0	99.1	RUC80 Trop Potential Temp (K)
VB	2	0	99.1	MRF Model Run Accum Precip Img(in)
VB	2	0	99.1	RUC40 pointA Rel Humidity (%)
VB	2	0	99.1	NGM 700MB-500MB Omega (-ubar/s)
VB	2	0	99.1	MM5Hot 925MB Rel Humidity Img
VB	2	0	99.1	RUC40 700MB-500MB Height (dam)
VB	2	0	99.1	MesoETA 700MB-300MB Rel Humidity (%)
VB	2	0	99.1	MesoETA 300MB Wind (kts)
VB	2	0	99.1	MesoETA 700MB-300MB Rel Humidity Img(%)
VB	2	0	99.1	NGM 700MB-500MB Rel Humidity (%)
VB	2	0	99.1	LAPS 750MB Rel Humidity (%)
VB	2	0	99.1	QG 500MB-300MB Lapse Rate
VB	2	0	99.1	MRF 300MB-250MB Pot Vorticity
VB	2	0	99.1	ETA LineA Lapse Rate Img(C/km)
VB	2	0	99.1	ETA 700MB-500MB Vorticity (/1e5s)
VB	2	0	99.1	Eta 700MB-600MB Wind
VB	2	0	99.1	MM5Hot 850MB Temperature Img
VB	2	0	99.1	NGM 700MB-500MB Wet Bulb Temp (C)
VB	2	0	99.1	ETA 700MB-500MB Equiv Pot Temp (K)
VB	2	0	99.1	ETA 700MB-500MB 12hr Height Change (dam)
VB	2	0	99.1	NGM 300MB Divergence (/1e5s)
VB	2	0	99.1	RUC80 700MB-500MB Wind (kts)
1	2	0	99.1	RUC80 Surface Rel Humidity (%)
VB	2	0	99.1	Profiler point-A MesoEta Sounding ()
VB	2	0	99.1	ETA 12 Hr Snow Accum (in)
VB	2	0	99.2	LAPS Surface Moisture Trans Mag (ktsg/Kg)
VB	2	0	99.2	RUC80 300MB 12hr Height Change (dam)
VB	2	0	99.2	MesoETA 700MB-300MB Vorticity (/1e5s)
VB	2	0	99.2	ETA Right-Moving Supercell ()
VB	2	0	99.2	MesoETA LineA Equiv Pot Temp Img(K)
VB	2	0	99.2	ETA 350MB Pot Vorticity Img(PVU)
VB	2	0	99.2	ETA 700MB-500MB Dewpoint Dep Img(C)
VB	2	0	99.2	PoesBufr pointA Wind (kts)
VB	2	0	99.2	AVN 500MB Temperature Img(C)
VB	2	0	99.2	MesoETA 800MB Temperature (C)
VB	2	0	99.2	MDCRS 100-150 hft
VB	2	0	99.2	RUC80 700MB-500MB Div Q (K/m^2/1e16s)
VB	2	0	99.2	RUC40 500MB-300MB Omega (-ubar/s)
VB	2	0	99.2	RUC80 250MB Pot Vorticity (PVU)
VB	2	0	99.2	NGM 500MB Lapse Rate (C/km)
VB	2	0	99.2	ETA 500MB Dewpoint Dep (C)
VB	2	0	99.2	LAPS Storm Total Snow (in)
VB	2	0	99.2	MM5Hot 850MB-800MB Dewpoint Dep Img
VB	2	0	99.2	ETA 850MB-700MB Temperature (C)
VB	2	0	99.2	ETA BLyr Equiv Pot Temp (K)
VB	2	0	99.2	NGM 700MB-500MB Wind (kts)

VB	2	0	99.2	ETA 400MB Vorticity (/1e5s)
VB	2	0	99.2	MesoETA LineA Potential Temp Img(K)
VB	2	0	99.2	AVN 700MB Equiv Pot Temp Img(C)
VB	2	0	99.3	Eta 900MB-800MB Equiv Pot Temp
VB	2	0	99.3	Eta 700MB-600MB Windspeed
VB	2	0	99.3	QG 700MB Omega
VB	2	0	99.3	ETA 400MB Omega Img(-ubar/s)
VB	2	0	99.3	RUC40 500MB-300MB Vorticity Adv (/1e9s)
VB	2	0	99.3	MesoETA 800MB Rel Humidity (%)
VB	2	0	99.3	MesoETA 800MB Cond Pres Def (mb)
VB	2	0	99.3	RUC40 pointA Rel Humidity Img(%)
VB	2	0	99.3	NGM 700MB-500MB Vorticity (/1e5s)
VB	2	0	99.3	ETA Helicity (m^2/s^2)
VB	2	0	99.3	NGM 12 Hr Accum Precip (in)
VB	2	0	99.3	RUC80 700MB-500MB 12hr Height Change (dam)
VB	2	0	99.3	AVN 700MB-500MB Equiv Pot Temp (K)
VB	2	0	99.3	ETA 700MB-300MB Div Q (K/m^2/1e16s)
VB	2	0	99.3	LAPS 750MB Wind (kts)
VB	2	0	99.3	MM5Hot 3 Hr Accum Precip
VB	2	0	99.3	AVN 700MB Height Img(dam)
VB	2	0	99.3	PoesBufr pointA Rel Humidity Img(%)
VB	2	0	99.3	RUC80 700MB-500MB Potential Temp (K)
VB	2	0	99.3	MM5Hot Surface Computed LI
VB	2	0	99.3	MM5Hot Model Run Accum Precip
VB	2	0	99.3	NGM 700MB-500MB Temperature (C)
VB	2	0	99.3	QG 1000MB-500MB Thickness
VB	2	0	99.3	ETA 400MB Wind (kts)
VB	2	0	99.3	QG 500MB-300MB Omega
VB	2	0	99.4	RUC80 700MB-500MB Windspeed (kts)
VB	2	0	99.4	ETA 850MB Div Q (K/m^2/1e16s)
VB	2	0	99.4	QG 500MB Div Q
VB	2	0	99.4	RUC40 850MB-700MB Rel Humidity Img(%)
VB	2	0	99.4	AVN 700MB-500MB Thickness (dam)
VB	2	0	99.4	UKMET 300MB-250MB Temperature Img
VB	2	0	99.4	MesoETA 900MB Height (m)
VB	2	0	99.4	RUC40 700MB-500MB 12hr Height Change (dam)
VB	2	0	99.4	ETA 400MB Divergence (/1e5s)
VB	2	0	99.4	ETA 800MB Div Q (K/m^2/1e16s)
VB	2	0	99.4	AVN 700MB-500MB Potential Temp (K)
VB	2	0	99.4	UKMET 250MB Windspeed (kts)
VB	2	0	99.4	NGM 300MB Vorticity (/1e5s)
VB	2	0	99.4	RUC80 700MB-500MB Temperature Adv (C/12hr)
VB	2	0	99.4	NGM 24 Hr Accum Precip (in)
VB	2	0	99.4	NGM 925MB Wind (kts)
VB	2	0	99.4	RUC40 pointA Wind (kts)
VB	2	0	99.4	NGM 700MB-500MB Equiv Pot Temp (K)
VB	2	0	99.4	MM5Hot 12 Hr Accum Precip
VB	2	0	99.4	RUC80 Trop Windspeed (kts)
VB	2	0	99.4	NGM 700MB Lapse Rate (C/km)
VB	2	0	99.4	ETA BLyr Equiv Pot Temp Img(K)
VB	2	0	99.4	RUC80 700MB-500MB Equiv Pot Temp (K)
VB	2	0	99.4	MesoETA 800MB Height (dam)

VB	2	0	99.4	QG 500MB Omega
VB	2	0	99.5	AVN 250MB Height (dam)
VB	2	0	99.5	AVN 850MB Temperature Img(C)
VB	2	0	99.5	AVN 250MB Pot Vorticity (PVU)
VB	2	0	99.5	ETA 700MB-500MB Potential Temp (K)
VB	2	0	99.5	Eta 400MB-300MB Div Q
VB	2	0	99.5	RUC80 700MB-500MB Thickness (dam)
VB	2	0	99.5	NGM LineA Wind (kts)
VB	2	0	99.5	ETA LineA Div Q Img(K/m^2/1e16s)
VB	2	0	99.5	ETA 850MB-700MB Height (dam)
VB	2	0	99.5	AVN 12 Hr Snow Accum Img(in)
VB	2	0	99.5	NGM LineA Div Q (K/m^2/1e16s)
VB	2	0	99.5	MM5Hot 850MB-500MB Reflectivity
VB	2	0	99.5	NGM 500MB Rel Humidity (%)
VB	2	0	99.5	RUC40 Helicity (m^2/s^2)
VB	2	0	99.5	AVN 300MB Q Vectors ()
VB	2	0	99.5	ETA Surface Equiv Pot Temp Img(K)
VB	2	0	99.5	RUC80 700MB-500MB Vorticity (/1e5s)
VB	2	0	99.5	AVN 700MB-500MB Vorticity (/1e5s)
VB	2	0	99.5	RUC40 500MB Temperature (C)
VB	2	0	99.5	QG 700MB Height
VB	2	0	99.5	AVN 700MB-500MB Temperature (C)
VB	2	0	99.5	MesoETA 700MB-300MB Wind (kts)
VB	2	0	99.5	NGM 700MB-500MB Rel Humidity Img(%)
VB	2	0	99.5	LAPS 800MB Rel Humidity (%)
VB	2	0	99.5	AVN 700MB-500MB Temperature Adv (C/12hr)
VB	2	0	99.6	RUC80 700MB-500MB Temperature (C)
VB	2	0	99.6	ETA 700MB-500MB Wet Bulb Temp (C)
VB	2	0	99.6	RUC80 700MB-500MB Height (dam)
VB	2	0	99.6	Eta 600MB-500MB Windspeed
VB	2	0	99.6	AVN 500MB-100MB Qn Div (K/m^2/1e16s)
VB	2	0	99.6	LAPS 850MB Wind (kts)
VB	2	0	99.6	MesoETA 500MB Temperature Img(C)
VB	2	0	99.6	QG 500MB-300MB Div Q
VB	2	0	99.6	MesoETA 12 Hr Snow Accum Img(in)
VB	2	0	99.6	Eta 300MB-250MB Temperature
VB	2	0	99.6	MRF point-A Sounding ()
VB	2	0	99.6	RUC40 Surface Neg Buoy Energy (J/Kg)
VB	2	0	99.6	ETA 500MB Vorticity Adv (/1e9s)
VB	2	0	99.6	MRF 1000MB Temperature (C)
VB	2	0	99.6	MM5Hot 850MB-500MB Reflectivity Img
VB	2	0	99.6	ETA Lifted Index (C)
VB	2	0	99.6	ETA 700MB Dewpoint Dep Img(C)
VB	2	0	99.6	ETA 850MB Dewpoint Dep (C)
VB	2	0	99.6	MM5Hot 500MB Height
VB	2	0	99.6	ETA 850MB Omega (-ubar/s)
VB	2	0	99.6	RUC40 500MB-300MB Div Q (K/m^2/1e16s)
VB	2	0	99.6	ETA 250MB Divergence (/1e5s)
VB	2	0	99.6	RUC40 700MB Wind (kts)
VB	2	0	99.6	NGM 700MB-500MB Height (dam)
VB	2	0	99.6	0-3Hr. Probability of Rain > 0.1in. (%)
VB	2	0	99.7	MM5Hot 700MB-500MB Vertical Velocity Img

VB	2	0	99.7	MM5Hot 700MB-500MB Vertical Velocity
VB	2	0	99.7	RUC40 500MB-300MB Omega Img(-ubar/s)
VB	2	0	99.7	ETA 600MB Rel Humidity Img(%)
VB	2	0	99.7	AVN 700MB-500MB Windspeed (kts)
VB	2	0	99.7	MM5Hot 24 Hr Accum Precip
VB	2	0	99.7	RUC80 Trop Wind (kts)
VB	2	0	99.7	MesoETA 12 Hr Snow Accum (in)
VB	2	0	99.7	LAPS Model Run Snow Accum (in)
VB	2	0	99.7	AVN 700MB-500MB Wind (kts)
VB	2	0	99.7	MM5Hot Snow Accum Img
VB	2	0	99.7	LAPS CO Svr Storm Idx ()
VB	2	0	99.7	MM5Hot Surface Reflectivity Img
1	2	0	99.7	RUC40 3 Hr Accum Precip Img(in)
VB	2	0	99.7	ETA 700MB-500MB Rel Humidity (%)
2	2	0	99.7	Day 1 Hail Outlook
VB	2	0	99.7	ETA Layer Energy Helicity Index ()
VB	1	0	99.7	AVN 12 Hr Accum Precip Img(in)
VB	1	0	99.7	MesoETA 300MB Divergence (/1e5s)
VB	1	0	99.7	RUC40 300MB Height (dam)
VB	1	0	99.7	MesoETA 950MB Wind (kts)
VB	1	0	99.7	MM5Hot 700MB-500MB Reflectivity Img
VB	1	0	99.7	RUC40 LineA Div Q (K/m^2/1e16s)
VB	1	0	99.7	MDCRS 450-500 hft
VB	1	0	99.7	MM5Hot Line A Reflectivity
VB	1	0	99.7	Eta Bufr pointA Omega (-ubar/s)
VB	1	0	99.7	MesoETA pointA Spec Humidity (g/Kg)
VB	1	0	99.7	MM5Hot Point A Temperature
VB	1	0	99.7	NGM LineA Wet Bulb Temp (C)
VB	1	0	99.7	QG 700MB-500MB Lapse Rate
VB	1	0	99.7	MM5Hot Int Liquid Water
VB	1	0	99.7	ETA 300MB-200MB Qn Div (K/m^2/1e16s)
1	1	0	99.7	AVN MSL Pressure Img(mb)
VB	1	0	99.8	AVN 500MB-300MB Height (dam)
VB	1	0	99.8	NGM LineA Component Along (kts)
VB	1	0	99.8	MDCRS 050-100 hft
VB	1	0	99.8	RUC80 700MB Temperature Img(C)
VB	1	0	99.8	MesoETA 300MB Div Q (K/m^2/1e16s)
VB	1	0	99.8	RUC80 500MB Lapse Rate (C/km)
VB	1	0	99.8	MesoEta 400MB-200MB Div Q
VB	1	0	99.8	ECMWF 500MB Geo Vorticity (/1e5s)
VB	1	0	99.8	RUC40 6 Hr Accum Precip (in)
VB	1	0	99.8	MM5Hot 850MB Equiv Pot Temp Img
VB	1	0	99.8	NGM 400MB-200MB Div Q
VB	1	0	99.8	MesoEta High Level Haines Index Img
VB	1	0	99.8	LAPS point-A Sounding ()
VB	1	0	99.8	AVN pointA Omega (-ubar/s)
VB	1	0	99.8	MM5Hot Surface Saturated Equiv Pot Temp Img
VB	1	0	99.8	RUC80 850MB Div Q (K/m^2/1e16s)
VB	1	0	99.8	NGM LineA Vorticity (/1e5s)
VB	1	0	99.8	MM5Hot 6 Hr Accum Precip
VB	1	0	99.8	MM5Hot 700MB-600MB Dewpoint Dep
VB	1	0	99.8	Eta Bufr pointA Rel Humidity (%)

VB	1	0	99.8	AVN 300MB Pot Vorticity Img(PVU)
VB	1	0	99.8	MesoETA 500MB-300MB Temperature (C)
VB	1	0	99.8	MesoEta High Level Haines Index
2	1	0	99.8	E Pacific Hurricane Tracks
VB	1	0	99.8	RUC40 12 Hr Accum Precip (in)
VB	1	0	99.8	RUC40 LineA Rel Humidity Img(%)
VB	1	0	99.8	RUC80 Surface Computed LI Img(C)
VB	1	0	99.8	POES Sounding Availability
VB	1	0	99.8	NGM LineA QG Frontogenesis (K^2/m^2/1e15s)
VB	1	0	99.8	QG 700MB-500MB Omega
VB	1	0	99.8	MesoETA 850MB Div Q (K/m^2/1e16s)
VB	1	0	99.8	RUC80 850MB Omega (-ubar/s)
VB	1	0	99.8	RUC80 850MB Lapse Rate (C/km)
VB	1	0	99.8	Eta 400MB-200MB Wind
VB	1	0	99.8	RUC40 LineA Pot Vorticity (PVU)
VB	1	0	99.8	MesoETA pointA Potential Temp (K)
VB	1	0	99.8	RUC80 700MB Lapse Rate (C/km)
VB	1	0	99.8	MesoETA 250MB Divergence (/1e5s)
VB	1	0	99.8	AVN 700MB Dewpoint Dep (C)
VB	1	0	99.8	ETA Surface Potential Temp (K)
VB	1	0	99.8	NGM LineA Pot Vorticity (PVU)
VB	1	0	99.8	RUC40 300MB Rel Humidity Img(%)
VB	1	0	99.8	ETA LineA Temperature Img(C)
VB	1	0	99.8	MRF 700MB Windspeed Img(kt)
VB	1	0	99.8	MesoETA 500MB-300MB Height (dam)
VB	1	0	99.8	RUC80 300MB Wind (kts)
VB	1	0	99.8	RUC40 950MB Wind (kts)
VB	1	0	99.8	MesoETA 300MB-200MB Div Q (K/m^2/1e16s)
VB	1	0	99.8	ETA 250MB Windspeed Img(kt)
VB	1	0	99.8	Lamp Time Series
VB	1	0	99.9	MesoETA 700MB-500MB Temperature (C)
VB	1	0	99.9	RUC80 500MB Rel Humidity Img(%)
VB	1	0	99.9	ETA 400MB Spec Humidity (g/Kg)
VB	1	0	99.9	MesoETA 850MB-700MB Div Q (K/m^2/1e16s)
VB	1	0	99.9	MRF 850MB Equiv Pot Temp Img(C)
VB	1	0	99.9	ETA LineA Spec Humidity (g/Kg)
VB	1	0	99.9	MM5Hot 400MB Rel Humidity
VB	1	0	99.9	AVN 700MB Potential Temp (K)
VB	1	0	99.9	LAPS 900MB Wind (kts)
VB	1	0	99.9	MRF 850MB-700MB Equiv Pot Temp (K)
VB	1	0	99.9	NGM 400MB-200MB Windspeed
VB	1	0	99.9	RUC40 LineA Lapse Rate (C/km)
VB	1	0	99.9	MM5Hot Point A Lapse Rate
VB	1	0	99.9	MesoETA pointA Moisture Flux Div (g/Kg/12hr)
VB	1	0	99.9	ETA LineA Omega Img(-ubar/s)
VB	1	0	99.9	RUC40 300MB Omega (-ubar/s)
VB	1	0	99.9	NGM LineA Rel Humidity (%)
VB	1	0	99.9	NGM LineA Windspeed (kts)
VB	1	0	99.9	MDCRS 200-250 hft
VB	1	0	99.9	MesoETA 850MB Dewpoint Img(C)
VB	1	0	99.9	RUC40 900MB Wind (kts)
VB	1	0	99.9	RUC40 300MB Vorticity (/1e5s)

VB	1	0	99.9	RUC80 300MB Divergence Img(/1e5s)
VB	1	0	99.9	MesoETA pointA Equiv Pot Vort (PVU)
VB	1	0	99.9	AVN 250MB Windspeed Img(kt)
VB	1	0	99.9	ETA 400MB Wind Strmlns(kts)
VB	1	0	99.9	MRF 850MB Dewpoint Img(C)
VB	1	0	99.9	ETA LineA ThetaE Lapse Rate (K/km)
VB	1	0	99.9	RUC80 300MB Vorticity (/1e5s)
VB	1	0	99.9	MesoETA 500MB Rel Humidity Img(%)
VB	1	0	99.9	MM5Hot Line A Precip Type
VB	1	0	99.9	Profiler point-A Sounding ()
VB	1	0	99.9	MM5Hot 700MB-500MB Saturated Equiv Pot Temp Img
VB	1	0	99.9	ETA Model Run Accum Precip Img(in)
VB	1	0	99.9	Eta 400MB-200MB Windspeed
VB	1	0	99.9	RUC40 850MB-500MB Rel Humidity Img(%)
VB	1	0	99.9	ETA 250MB Pot Vorticity (PVU)
VB	1	0	99.9	MM5Hot 300MB Windspeed
VB	1	0	99.9	ETA 300MB Divergence Img(/1e5s)
VB	1	0	99.9	MesoETA pointA Omega (-ubar/s)
VB	1	0	99.9	NGM LineA Temperature Adv (C/12hr)
VB	1	0	99.9	NGM LineA Omega (-ubar/s)
VB	1	0	99.9	MesoETA pointA Windspeed (kts)
VB	1	0	99.9	LAPS 950MB Wind (kts)
VB	1	0	99.9	RUC80 700MB-600MB Wind
VB	1	0	99.9	MRF 500MB-300MB QG Frontogenesis (K^2/m^2/1e15s)
VB	1	0	99.9	NGM 400MB-200MB Wind
VB	1	0	99.9	AVN Surface Rel Humidity (%)
VB	1	0	99.9	ETA 400MB Vorticity Img(/1e5s)
VB	1	0	99.9	MRF 700MB Temperature Img(C)
VB	1	0	100	RUC40 LineA Wind (kts)
VB	1	0	100	MM5Hot Int Liquid Water Img
VB	1	0	100	NGM LineA Potential Temp (K)
VB	1	0	100	MRF 500MB-300MB Qs Div (K/m^2/1e16s)
VB	1	0	100	NGM 700MB Dewpoint Dep (C)
VB	1	0	100	Tropical Surface Analysis
VB	1	0	100	MesoEta 700MB-600MB Wind
VB	1	0	100	ETA12 Surface Neg Buoy Energy Img(J/kg)
VB	1	0	100	MM5Hot Surface Dewpoint Dep Img
2	1	0	100	LAMP
VB	1	0	100	MRF 700MB-500MB Lapse Rate (C/km)
1	1	0	100	RUC80 Surface Dewpoint (F)
VB	1	0	100	MesoETA 12 Hr Accum Precip Img(in)
VB	1	0	100	AVN 300MB Divergence (/1e5s)
VB	1	0	100	MesoETA 875MB Wind (kts)
VB	1	0	100	RUC80 500MB Spec Humidity (g/Kg)
VB	1	0	100	MM5Hot Line A Wet Bulb Temp
VB	1	0	100	MesoETA pointA Vorticity (/1e5s)
VB	1	0	100	MM5Hot 700MB-500MB Saturated Equiv Pot Temp Img
VB	1	0	100	RUC80 500MB-300MB Omega (-ubar/s)
VB	1	0	100	ETA 500MB-300MB Lapse Rate (C/km)
VB	1	0	100	ETA 300MB Omega (-ubar/s)
VB	1	0	100	MDCRS 150-200 hft
1	1	0	100	ETA Surface Rel Humidity (%)

VB 1 0 100 NGM 400MB Pot Vorticity (PVU)