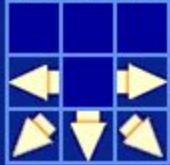


National Weather Service Enhanced Radar Mosaic Central Great Lakes Sector



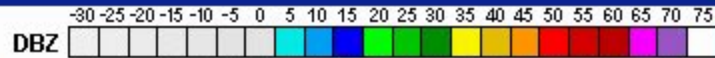
Go to: [Standard Version](#) Local weather forecast by "City, St"

Adjacent Sectors:

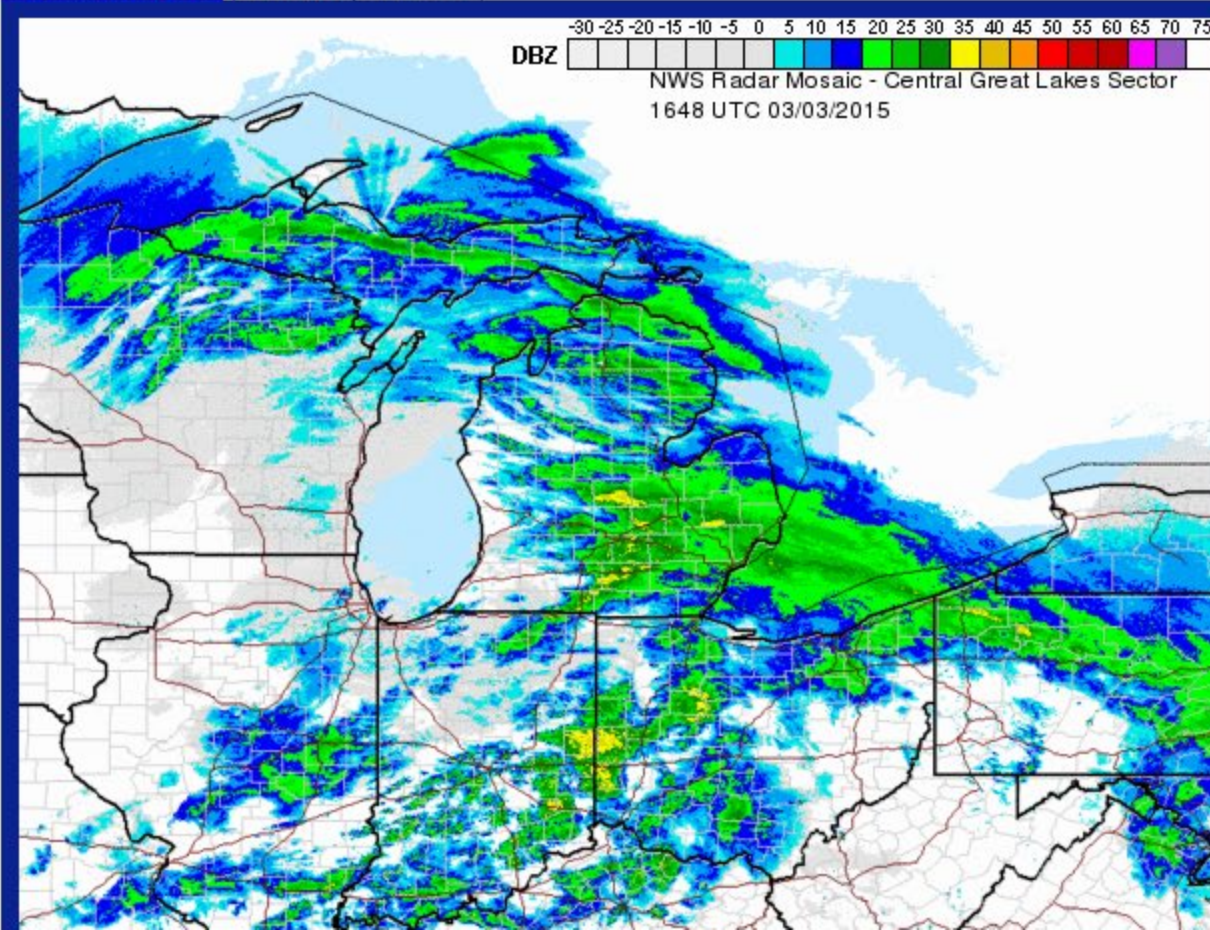


Base Reflectivity

[Full resolution version \(3400x1700 pixels - 220k\)](#)



NWS Radar Mosaic - Central Great Lakes Sector
1648 UTC 03/03/2015



- Sectors**
- Northern U.S. Loop
 - Pac. Northwest Loop
 - Nrn. Rockies Loop
 - Upper Miss. Vly. Loop
 - Great Lakes Loop
 - Northeast Loop

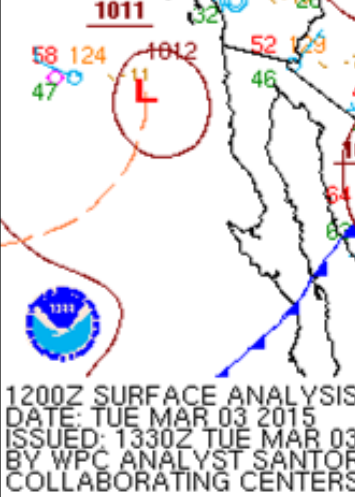
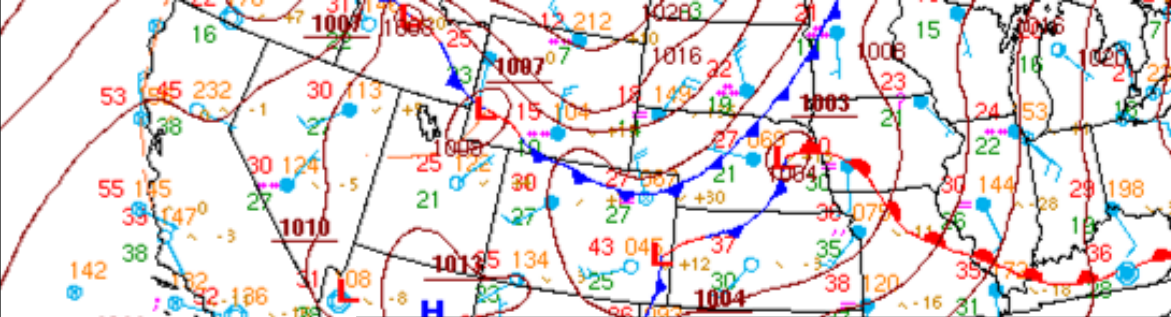
- Southern U.S. Loop
- Pac. Southwest Loop
- Srn. Rockies Loop
- Southern Plains Loop
- Srn. Miss. Vly. Loop
- Southeast Loop

- U.S. Views**
- Reflectivity:**
- National Loop
 - Alaska Loop
 - Hawaii Loop
 - Guam Loop
 - Puerto Rico Loop

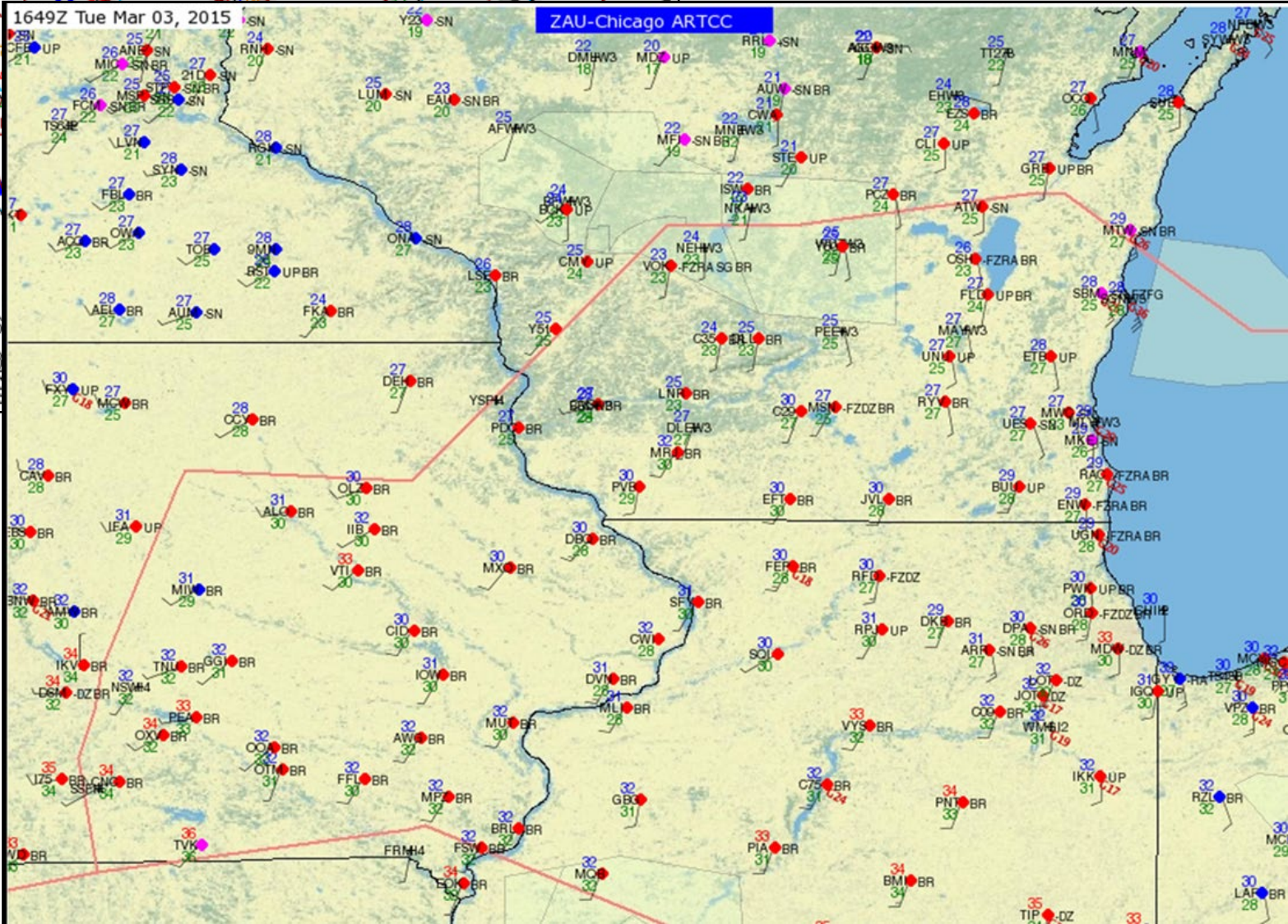
Radars by State

Additional Info:
[Radar FAQ](#)
[Downloading Images](#)
[GIS Users](#)

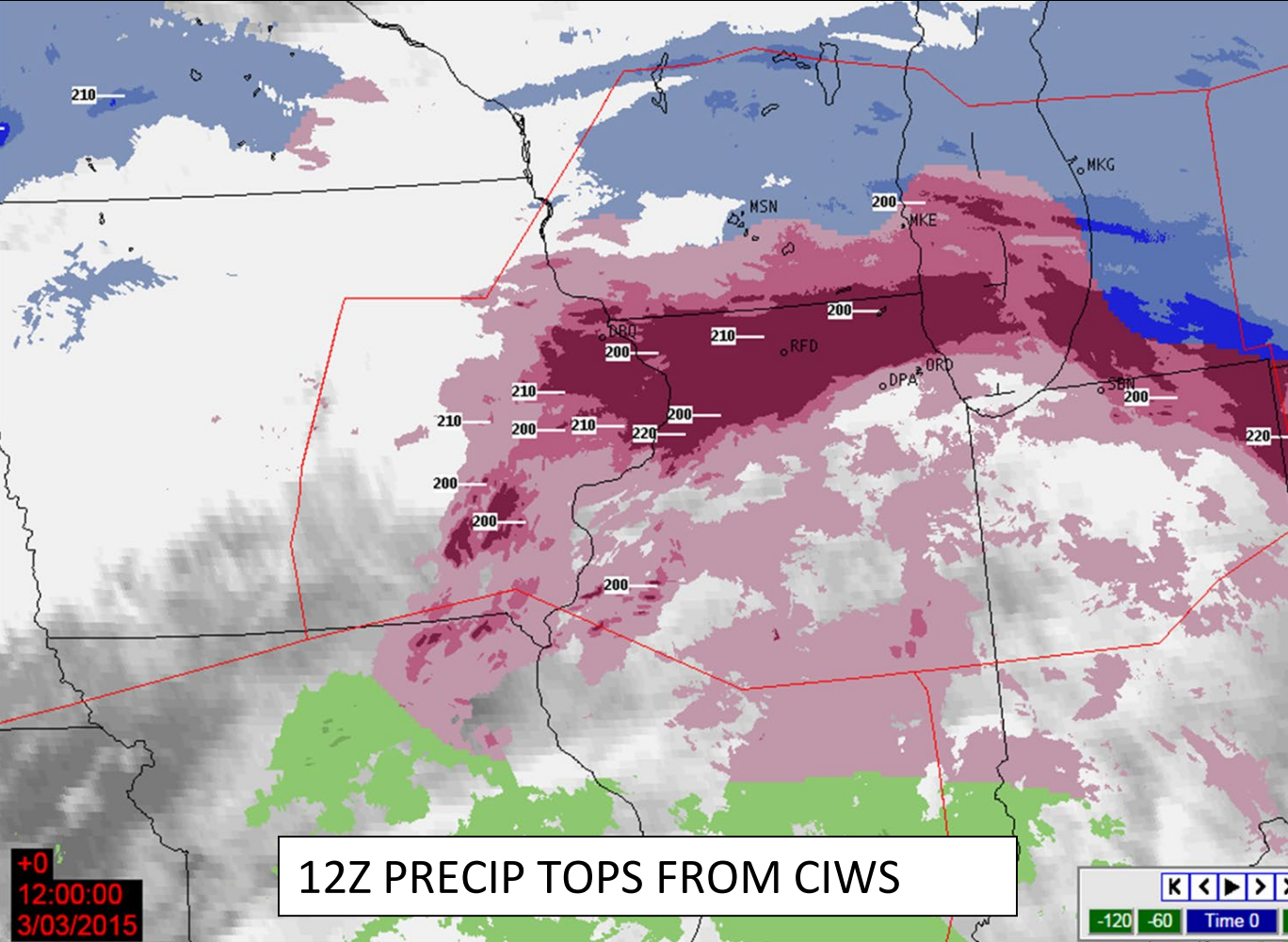
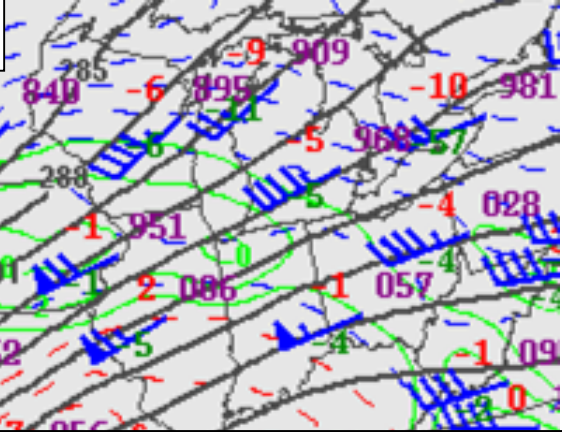
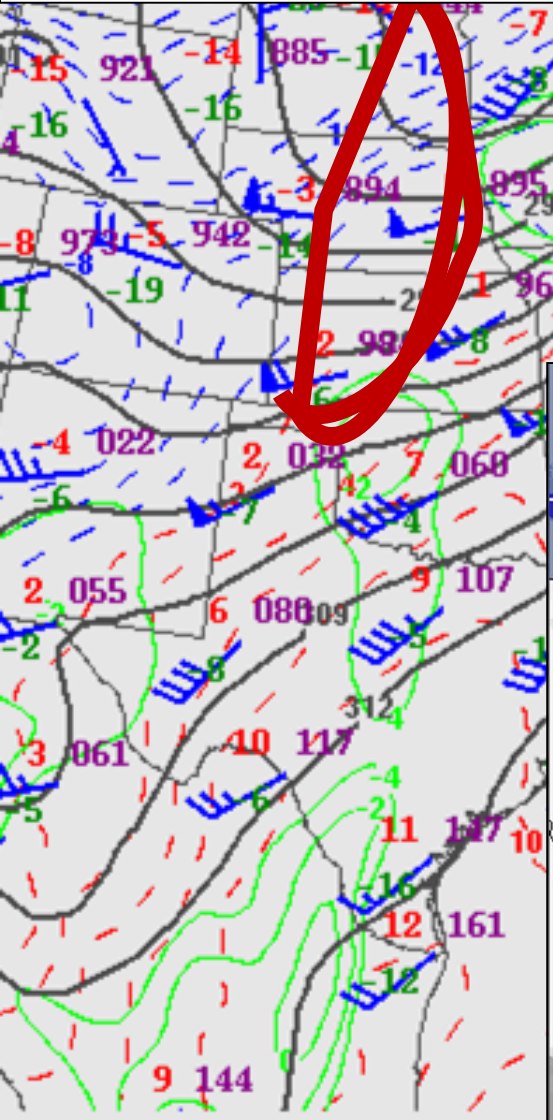
National Weather Service • Since



1200Z SURFACE ANALYSIS
 DATE: TUE MAR 03 2015
 ISSUED: 1330Z TUE MAR 03
 BY WPC ANALYST SANTOP
 COLLABORATING CENTERS



12Z 700MB



+0
12:00:00
3/03/2015

12Z PRECIP TOPS FROM CIWS

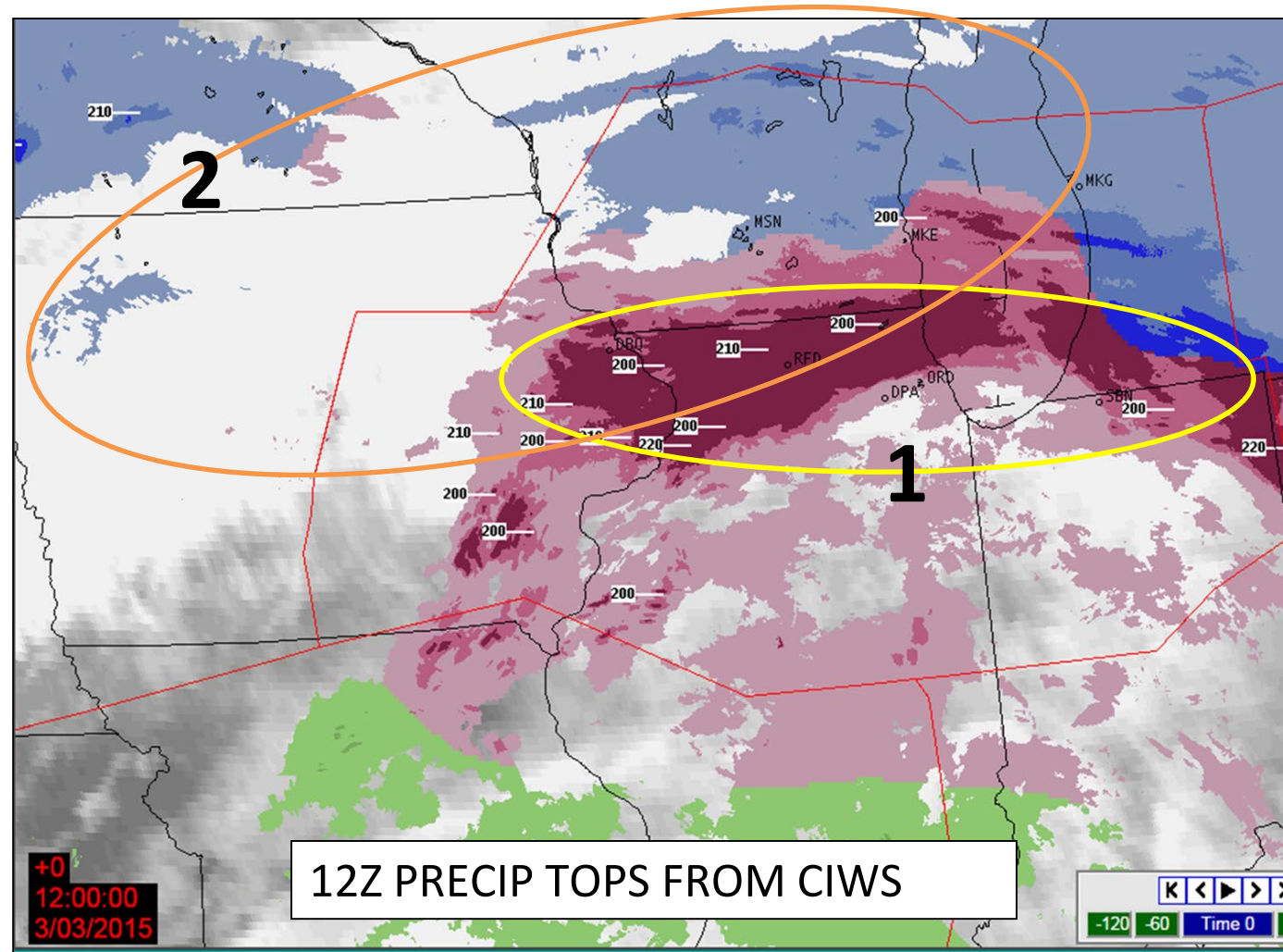
Time 0
-120 -60

ICING CONCERN AREAS

1) Within zone of light freezing rain and freezing drizzle 12-18z

2) Within developing zone of deep super-cooled liquid behind 700-500mb where signal of Omega overlaps super-cooled liquid <100' & decreasing crystals in dendritic zone, expected later AM.

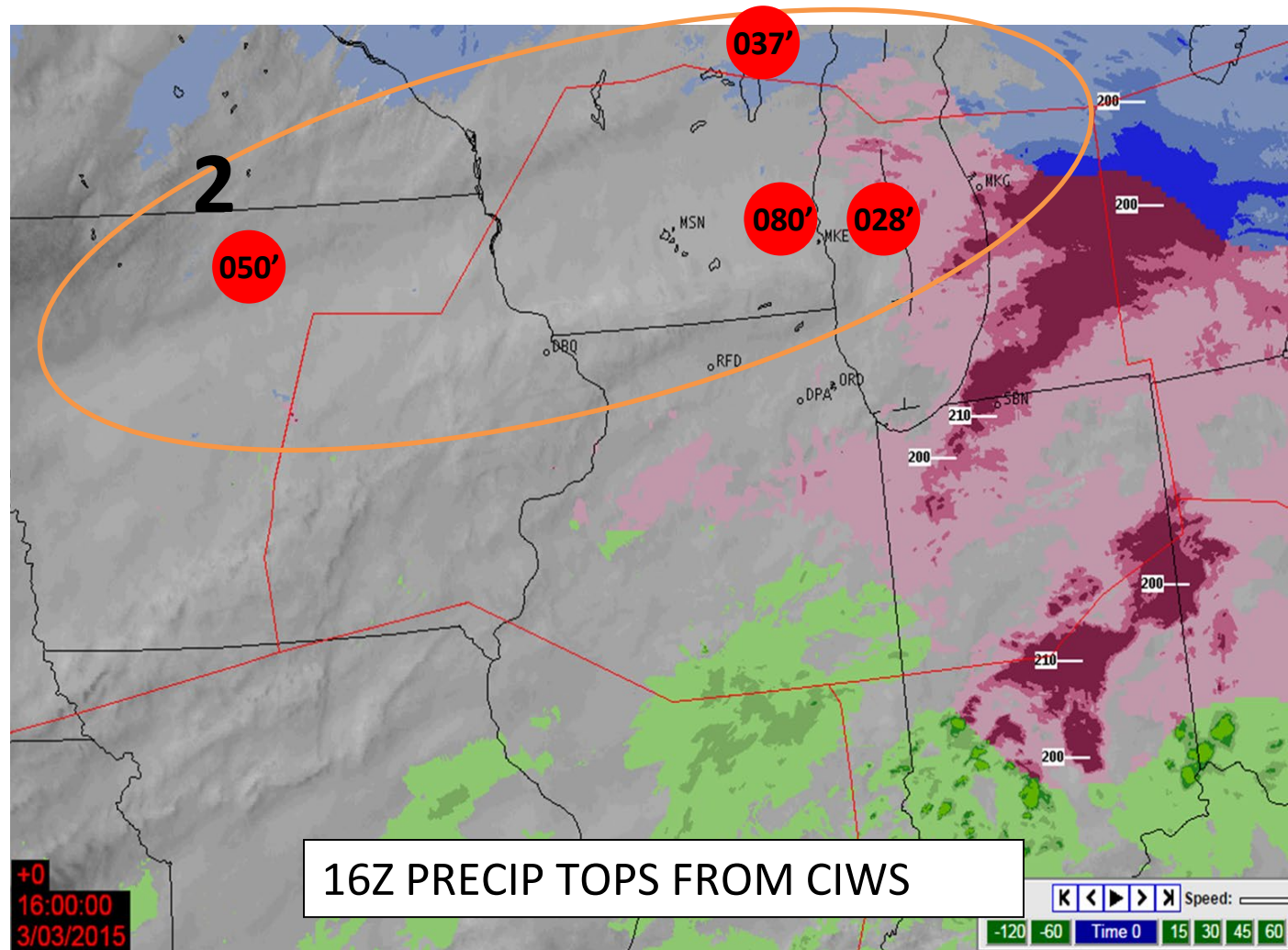
(common signal for mod-severe icing)

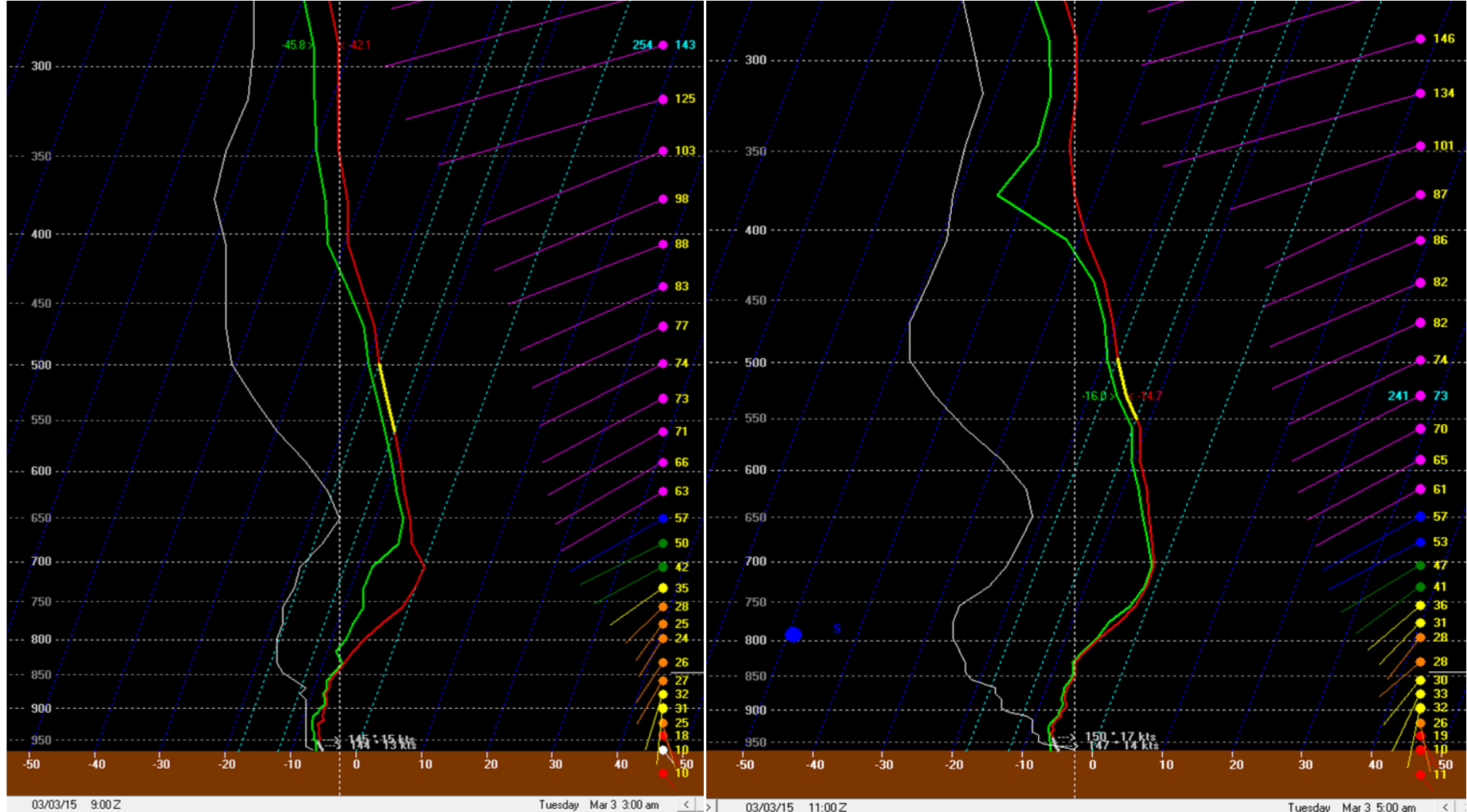


2) Note by 16z, upper trough has pushed deeper clouds and precip with tops to FL200 off to the east, leaving cloud tops up to ~100' and following soundings will show this transition, while low-mid level Omega remained suggest vertical movement of super-cooled liquid.

MOD-SEV Icing
occurred at
MCW-ATW-MKE
Between 15-17z

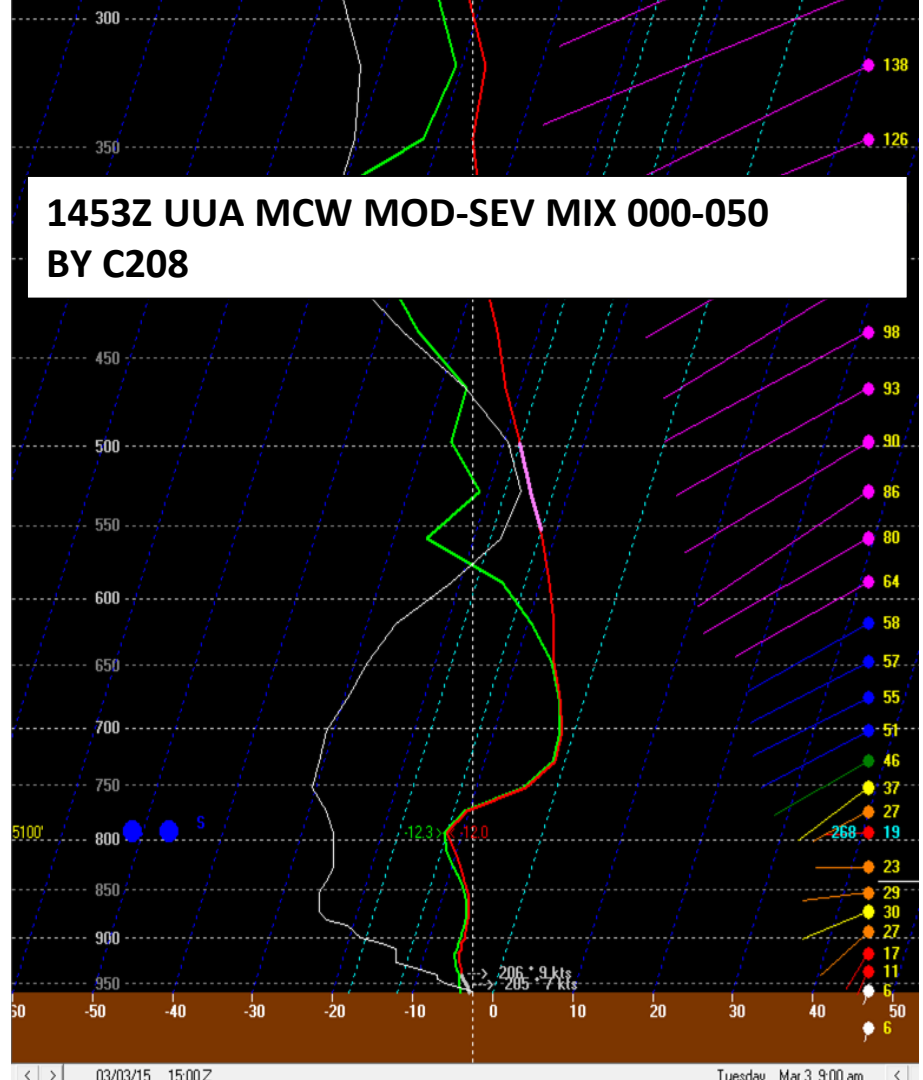
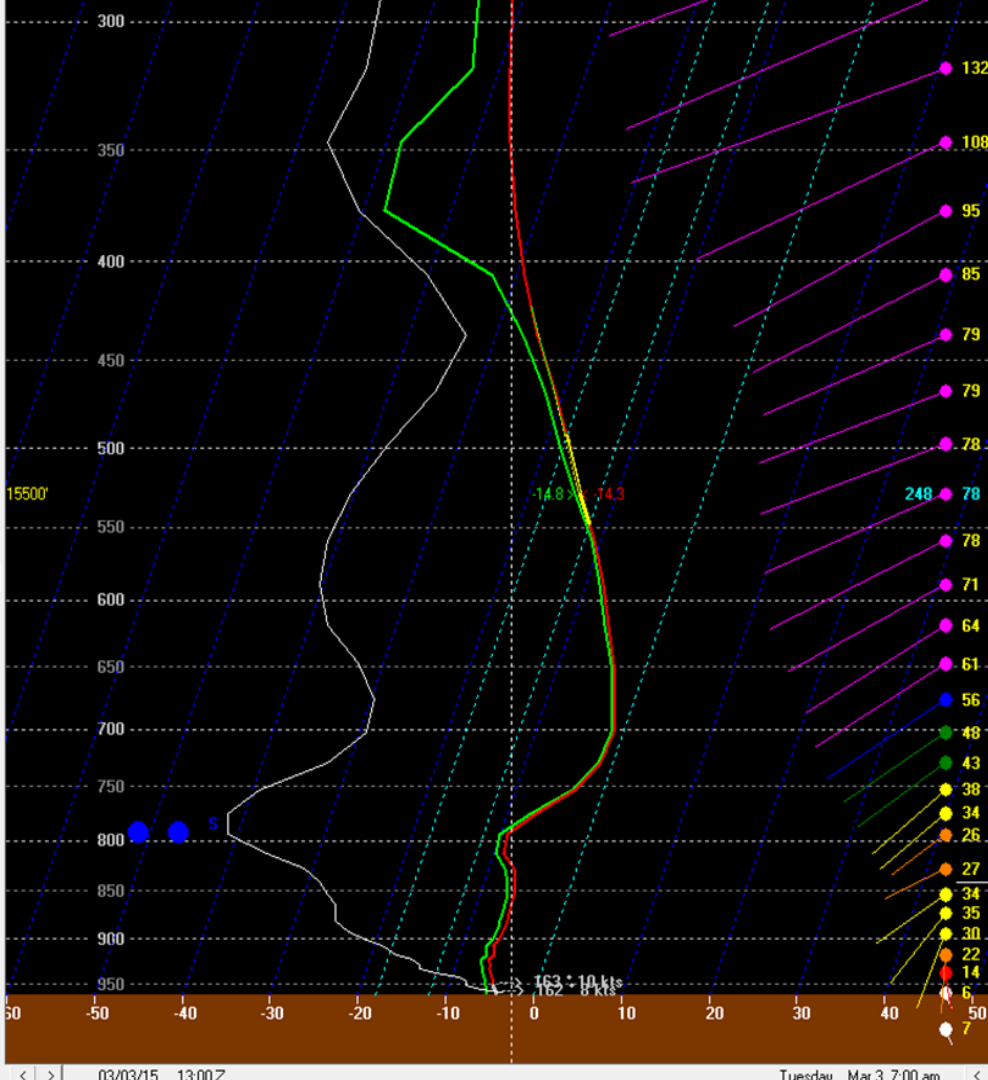
● mod-sev icing





Soundings would suggest a combination of super-cooled liquid, ice crystals, and snowflakes 09-11z

KMCW 031144Z AUTO 14010KT 9SM OVC014 M05/M07 A2971 RMK AO2 PRESFR T10501067
 KMCW 031053Z AUTO 14010KT 10SM OVC015 M05/M07 A2977 RMK AO2 SLP092 T10501072
 KMCW 030953Z AUTO 14012KT 10SM OVC023 M05/M08 A2980 RMK AO2 SLP103 T10501078
 KMCW 030853Z AUTO 15011KT 10SM BKN019 OVC027 M05/M08 A2986 RMK T10501078 58053
 KMCW 030826Z AUTO 14012KT 9SM BKN026 OVC032 M05/M08 A2988 RMK AO2 T10501078



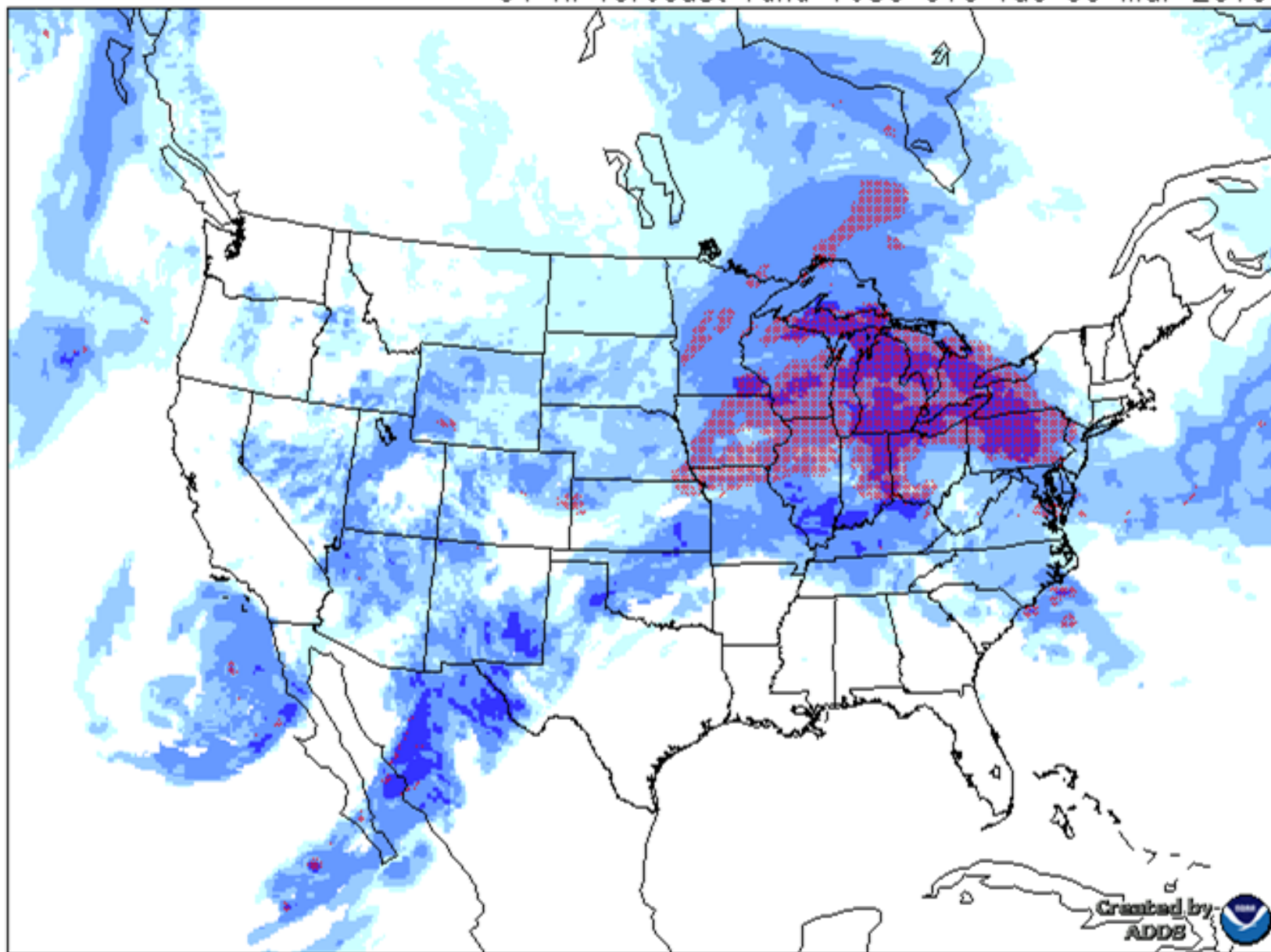
1453Z UUA MCW MOD-SEV MIX 000-050 BY C208

Soundings suggest transition to all super-cooled liquid by 15z as ice crystal/snow zone as dried out, and notice modest Omega remains with the super-cooled liquid zone.

KMCW 031548Z AUTO 23007KT 2 1/2SM BR OVC004 M03/M04 A2968 RMK AO2 I1001
 KMCW 031453Z AUTO 21006KT 1 1/2SM BR OVC004 M03/M04 A2969 RMK AO2 FZRAE1358 SLP065 P0000 60000 I1002 I3004 T10331044 55008
 KMCW 031404Z AUTO 18006KT 1 1/4SM BR OVC003 M04/M04 A2969 RMK AO2 FZRAE1358 P0000 I1000 T10391044
 KMCW 031353Z AUTO 18008KT 1SM -FZRA BR OVC004 M04/M05 A2968 RMK AO2 FZRAB46 SLP064 P0000 I1002 T10391050

Maximum icing severity (1000 ft. MSL to FL300)

01 hr forecast valid 1600 UTC Tue 03 Mar 2015



SLD threat

None

Trace

Light

Moderate

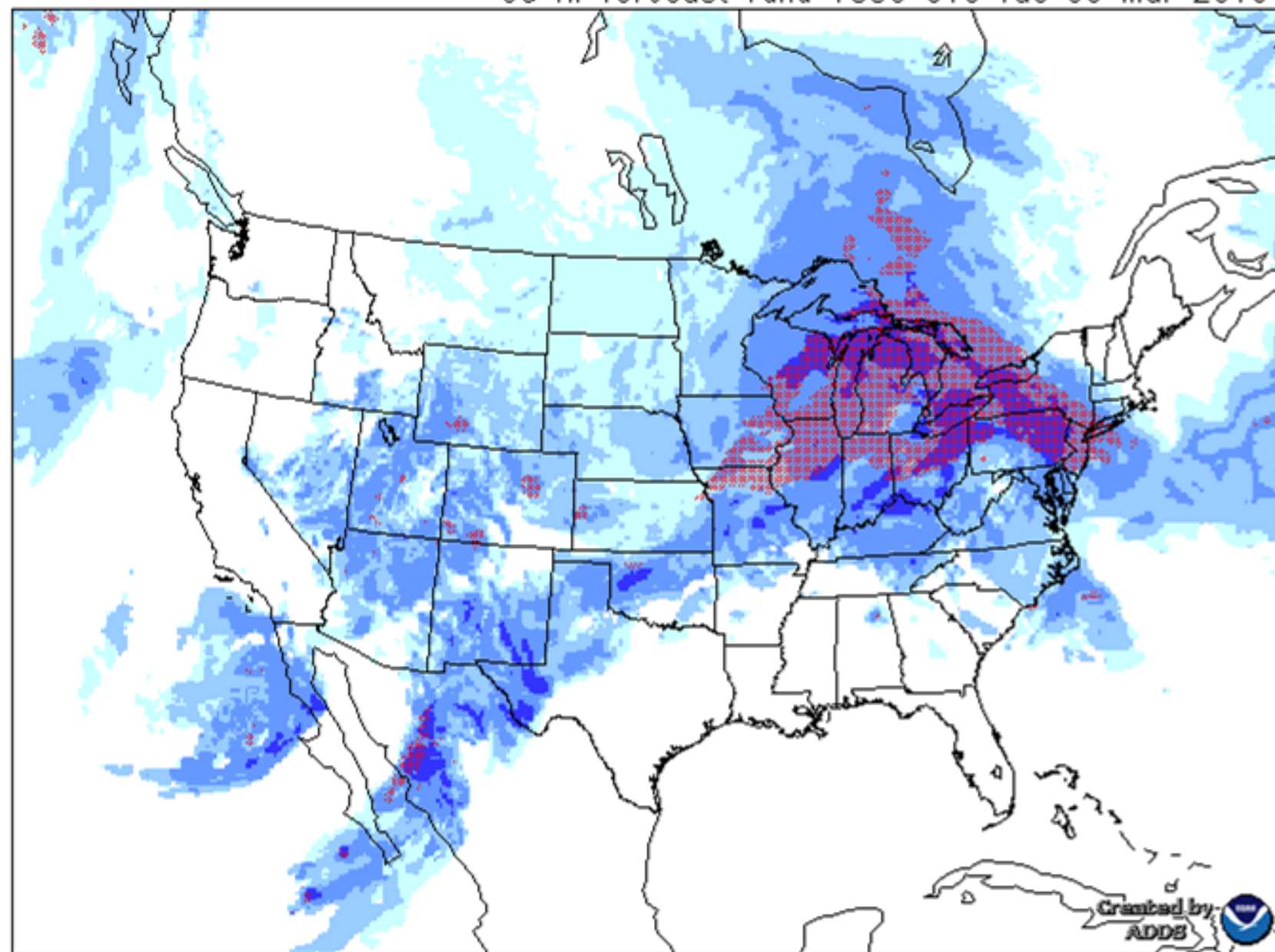
Heavy

Created by
ADDS



Maximum icing severity (1000 ft. MSL to FL300)

03 hr forecast valid 1800 UTC Tue 03 Mar 2015



SLD threat

None

Trace

Light

Moderate

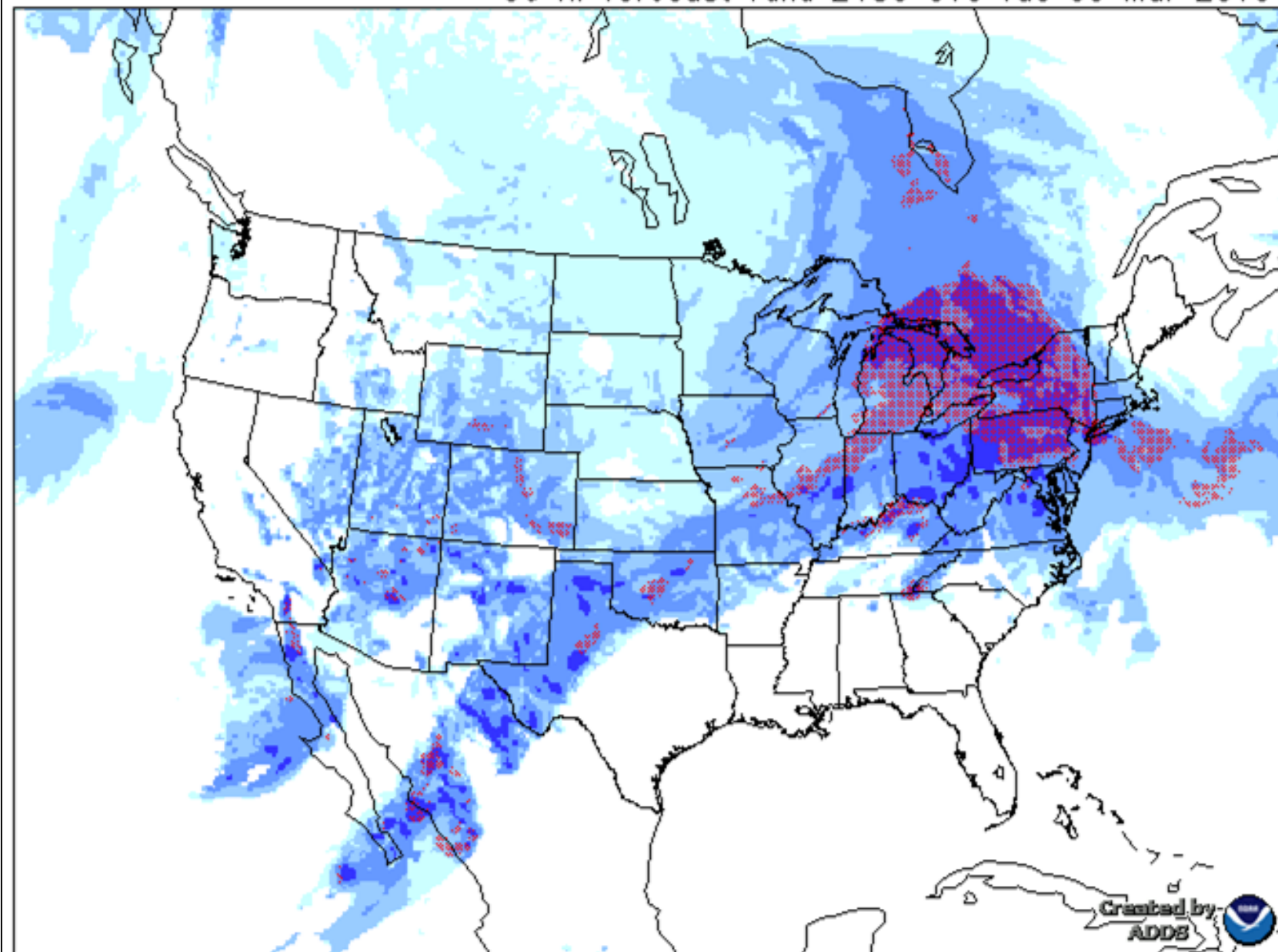
Heavy

Granted by
ADDS

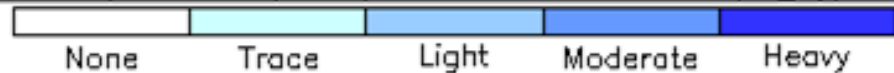


Maximum icing severity (1000 ft. MSL to FL300)

06 hr forecast valid 2100 UTC Tue 03 Mar 2015



SLD threat



ICING

TIME	LOCATION	FL	A/C	TYPE
1230	VOK	050	C310	MOD RIME -4
1240	ORD 320015	030	E145	LGT-MOD MIX, -FZRA -6
1315	MDW 270010	025	737	LGT RIME -3
1308	ORD 320015	SFC-040	E45X	MOD MIXED -3
1300	MDW 045003	017	737	LGT RIME -6
1300	MDW 090015	105	737	NEG ICE -1
1340	LNR 180010	040	BE99	LGT RIME -6
1347	DSM 090010	030-070	CRJ9	LGT RIME -9
1350	MLI	060	CRJ7	MOD MIX -1
1353	SBN	024-026	757	MOD MIX -2
1355	VHP 360015	220	GALX	LGT RIME 1
1359	STE 140010	080	BE99	MOD MIX -8
1410	BDF 360010	200-220	PRM1	LGT MIX -7
1414	BJB010	060	C208	MOD RIME -4
1422	MDW	018	737	MOD RIME -1
1439	MLI 360008	040-055	BE40	LGT RIME NO TEMP
1431	SPI 060080	190-205	CRJ2	MOD RIME -19
1453	MCW	050	C208	MOD-SEV MIX 000-050
1456	LSE	UNKN	CRJ2	BASES 015
1454	ALO 315020	BLO 070	737	MOD MIX -10
1501	MTW 225015	110	C208	MOD MIX -12
1456	LSE	UNKN	CRJ2	BASES 015 MOD RIME
1500	DSM 090010	040-070	BE9L	MOD RIME -2
1500	mdw 130002	021	B350	MOD RIME 0
1525	MDW 230010	BLO024	737	MOD RIME -5
1528	MDW 015	008	737	LGT RIME -1
1515	MTW 315020	090	C208	MOD MIX -5
1530	10S DBQ	005-075	C414	MOD MIX -5
1555	mdw 130002	010-040	737	MOD RIME NO TEMP
1602	JVL	UNKN	B350	LGT-MOD RIME
1615	DPA 360015	030	LJ35	MOD RIME -4
1555	OKK 360015	220	E145	LGT-MOD RIME
1629	MSN 135010	013-045	CRJ7	MOD RIME NO TEMP
1600	FWA 0450020	210	CRJ7	LGT RIME -21
1615	CID	072	CRJ2	LGT RIME 4
1632	GRB 270020	040-080	C560	MOD MIX -7
1638	ATW	037	C208	MOD-SEV MX, TOPS 105, -8
1637	MKE 045015	028	737	MOD RIME -6, LGT 040
1637	MKE 045015	028	737	MOD-SEV RIME, DURD FINLA RY198
1655	MKE 320030	080	C208	MOD-SEV MIX UNKN TEMP
1719	DSM 135015	040-060	B712	MOD MIX
1757	ODI 090020	060	E145	LGT RIME -12
1755	MKE 225010	006-085	CRJ2	LGT RIME