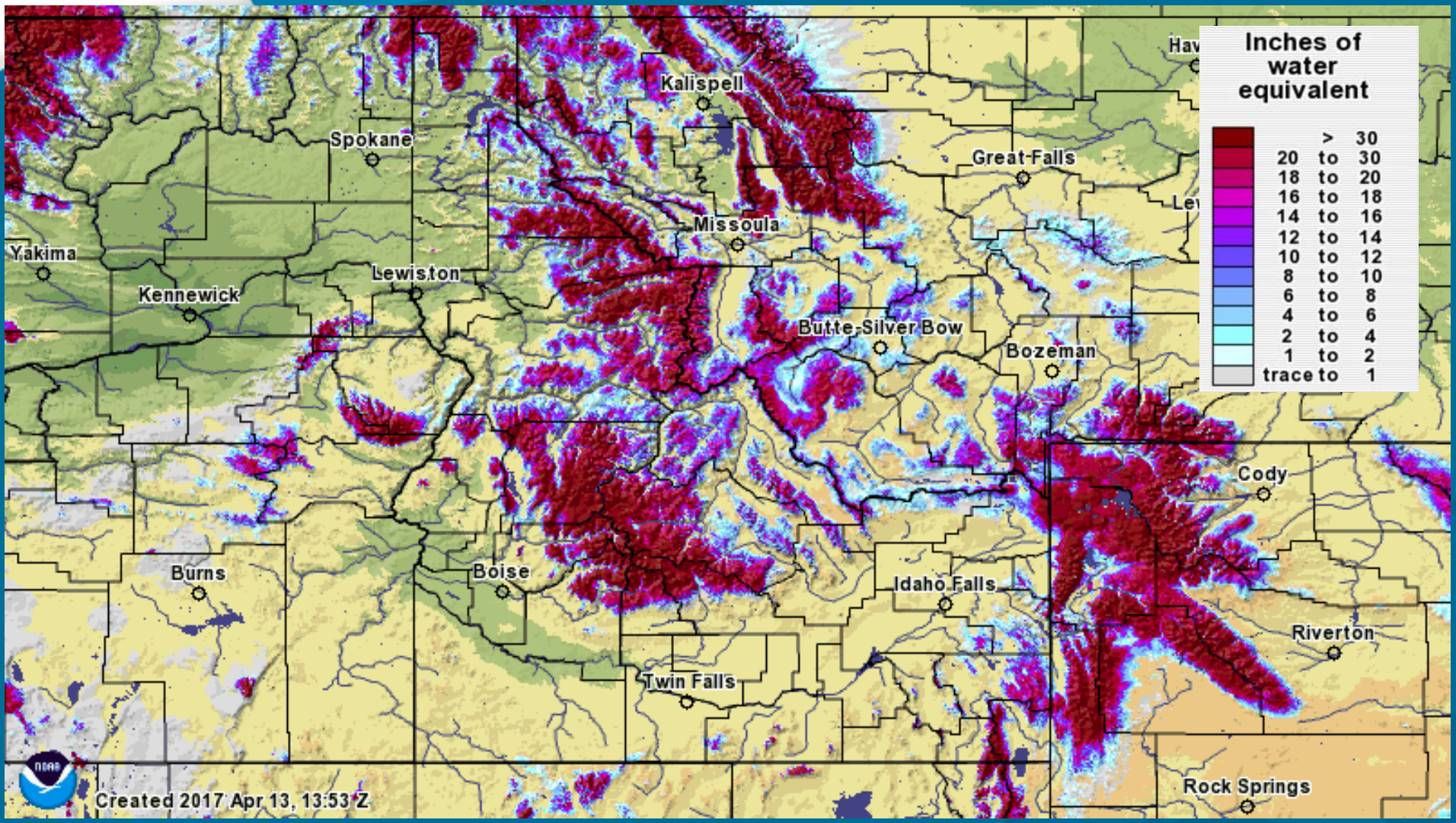
Idaho Weather & Climate Outlook

IDWR Water Supply Committee Meeting

April 13, 2017

National Operational Hydrologic Remote Sensing Center



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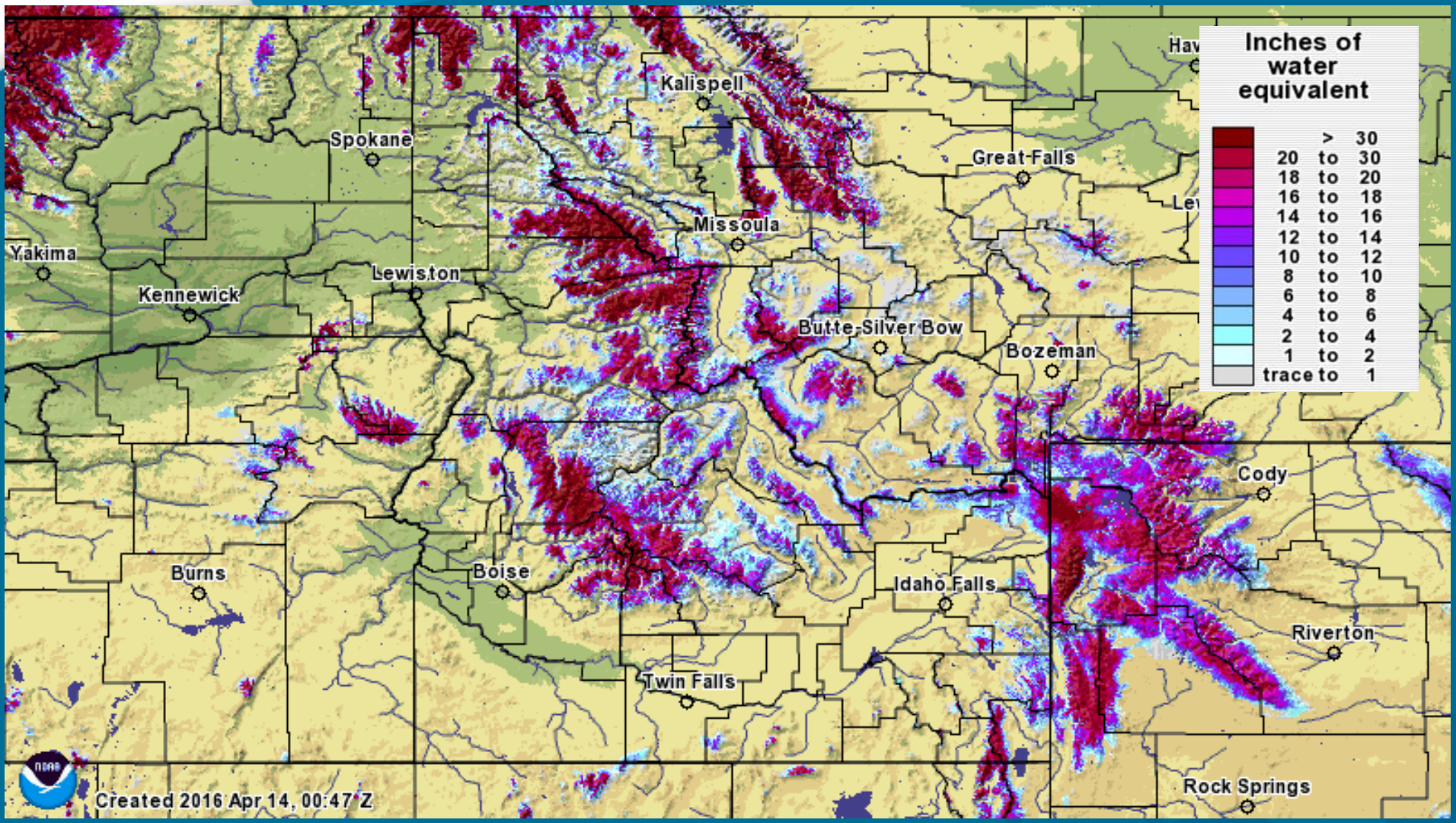
National Operational Hydrologic Remote Sensing Center



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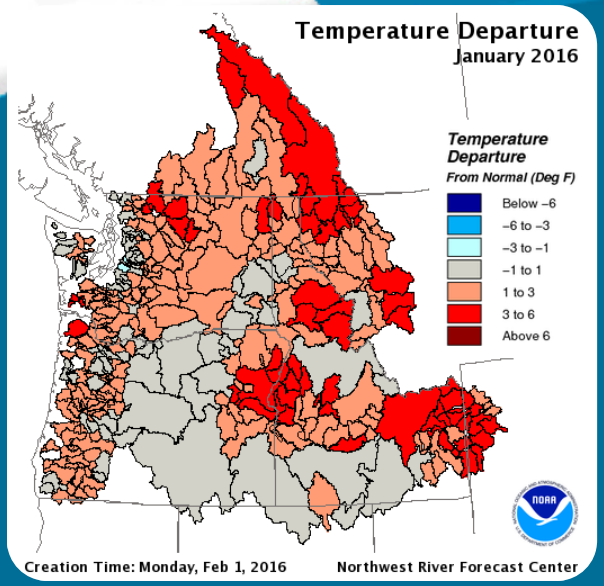
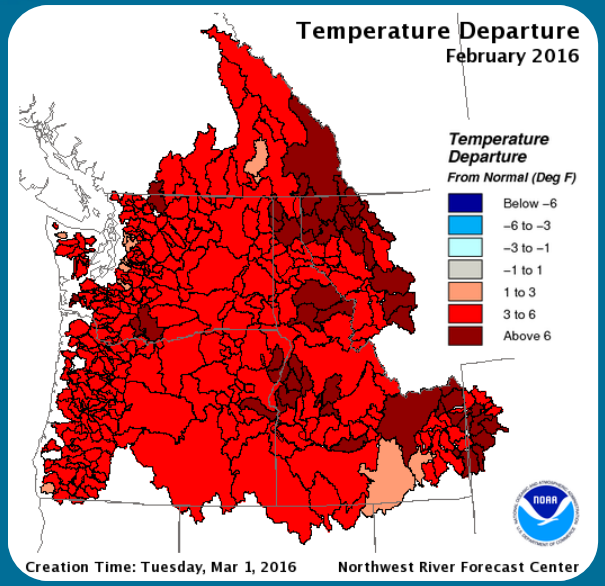
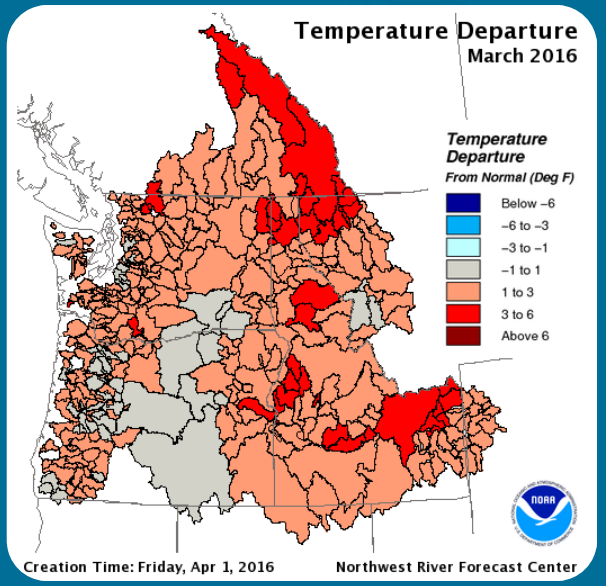
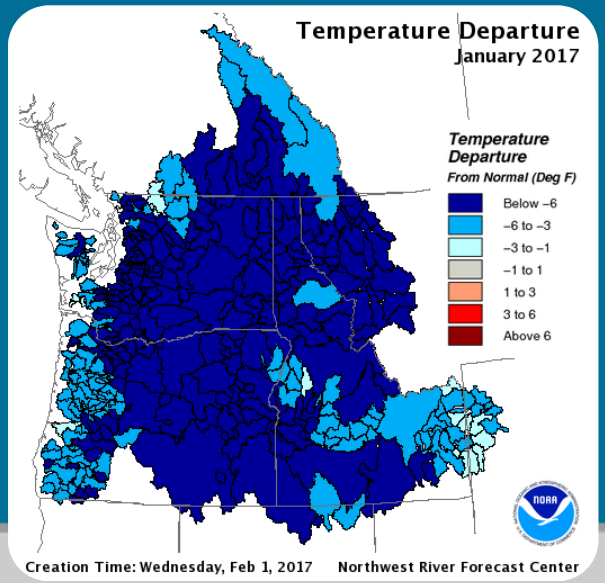
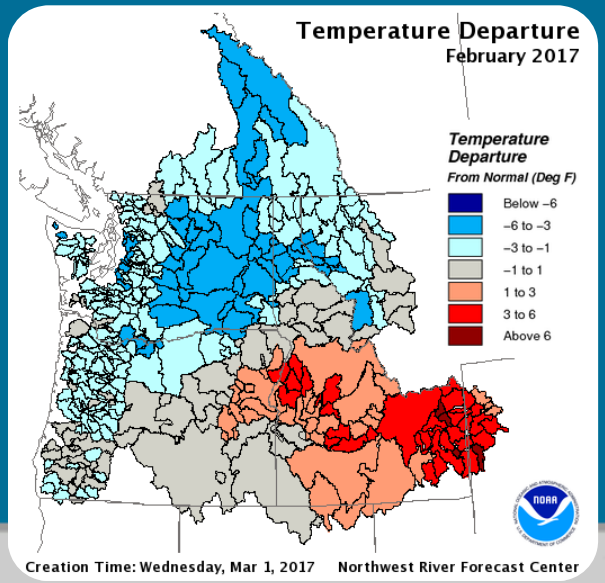
Temperatures

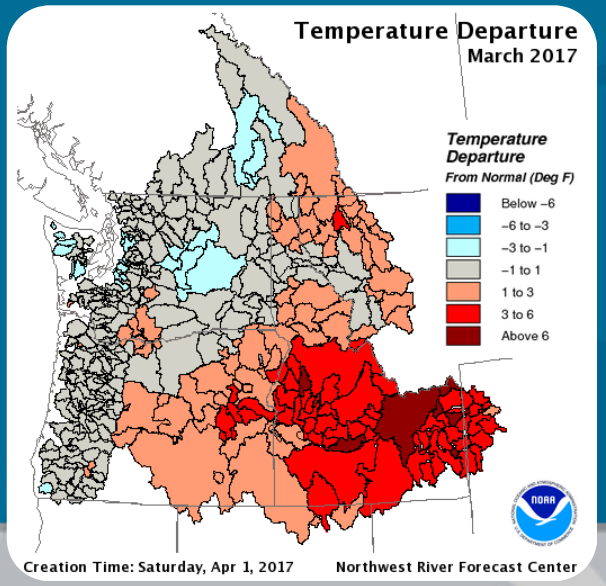




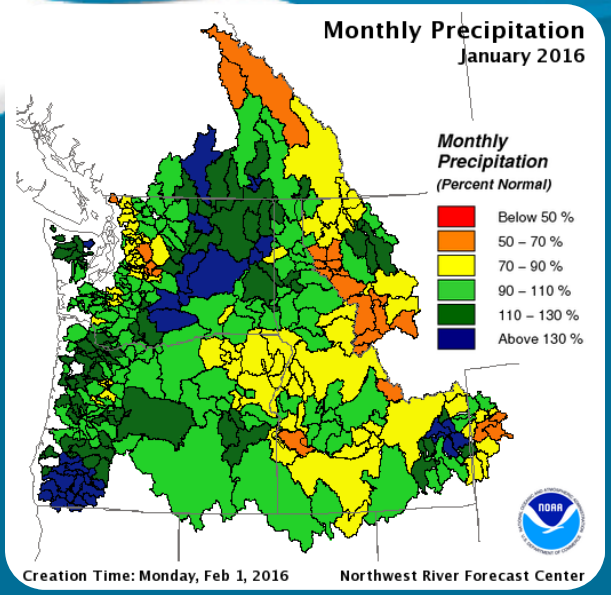


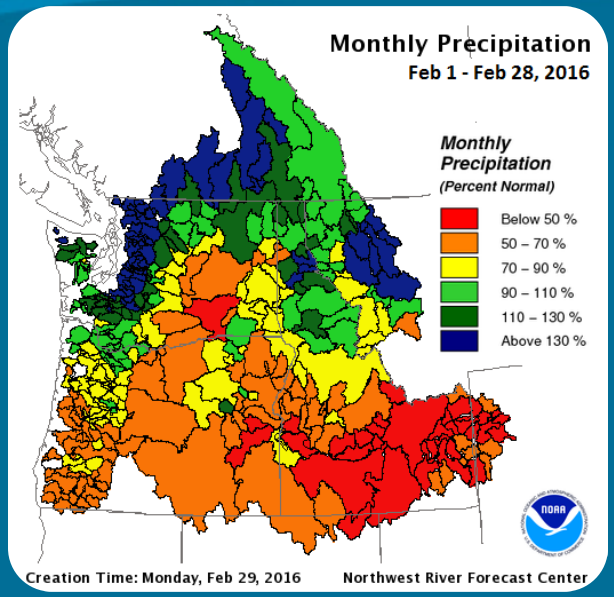


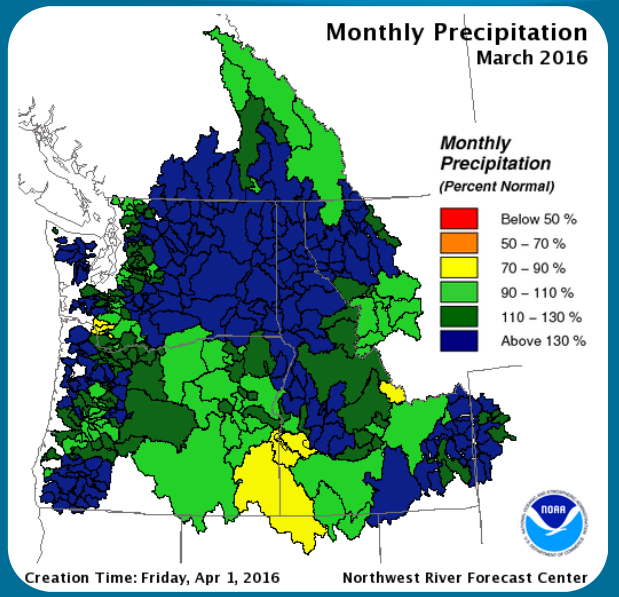


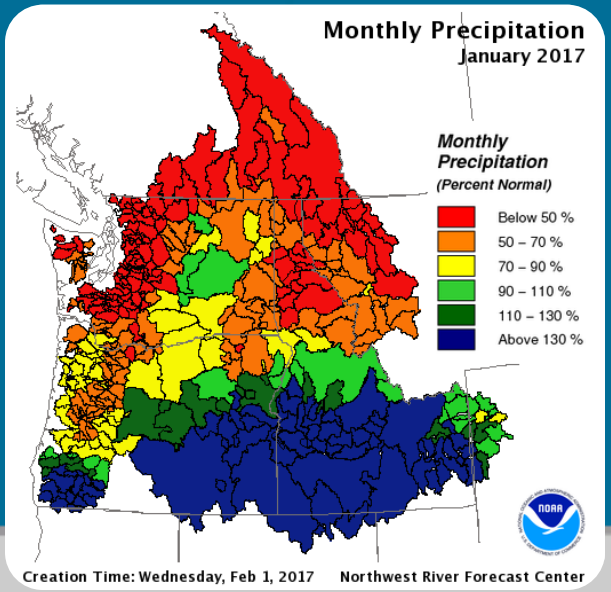


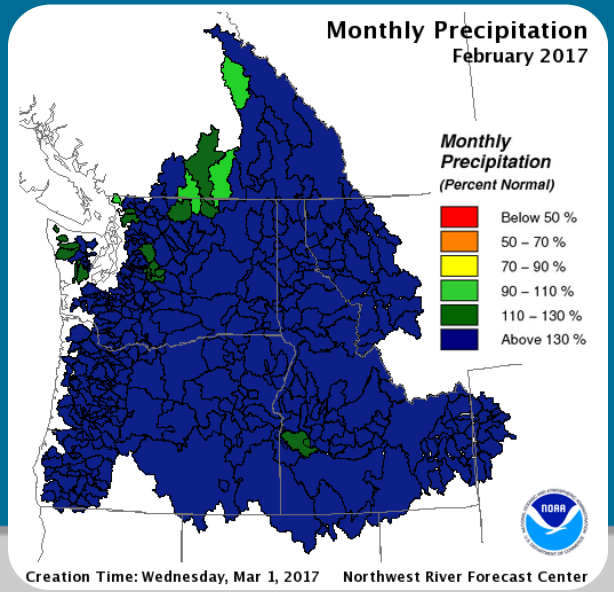
Precipitation

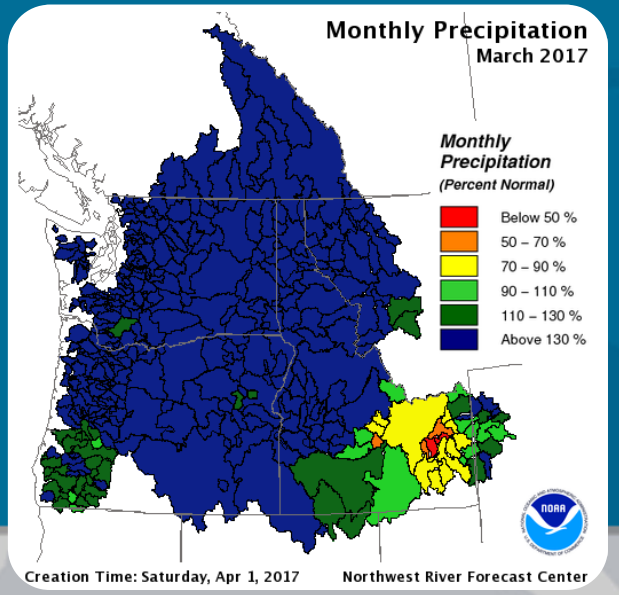




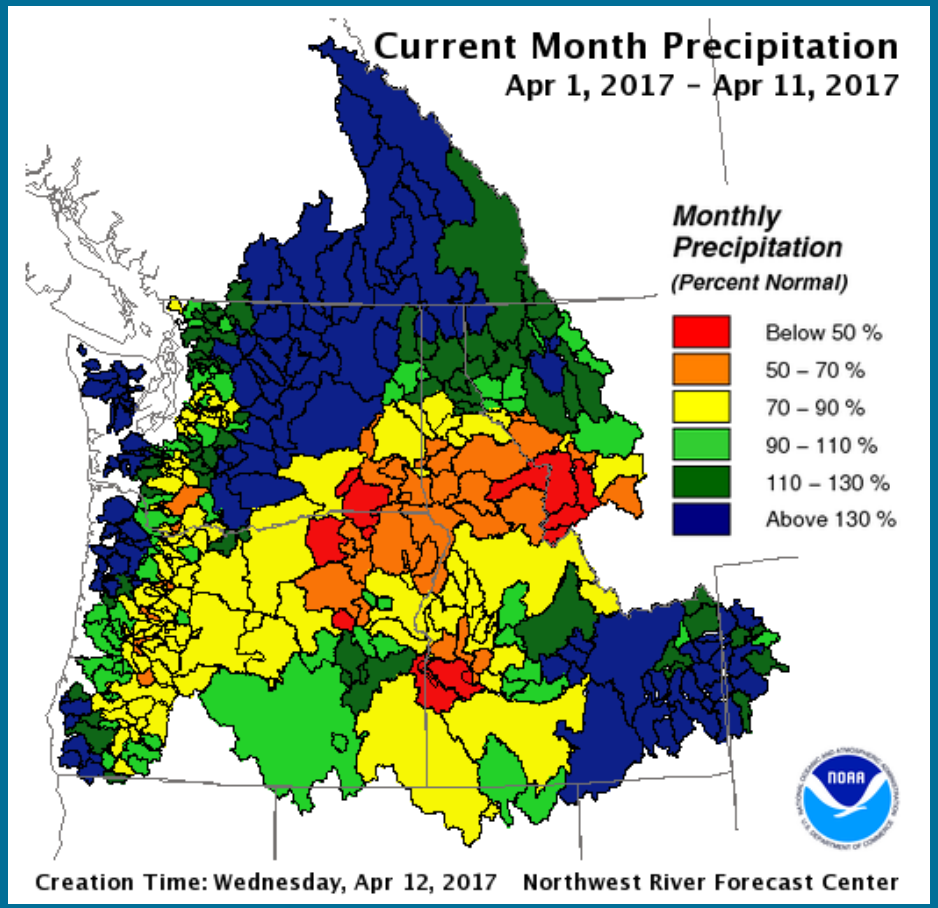


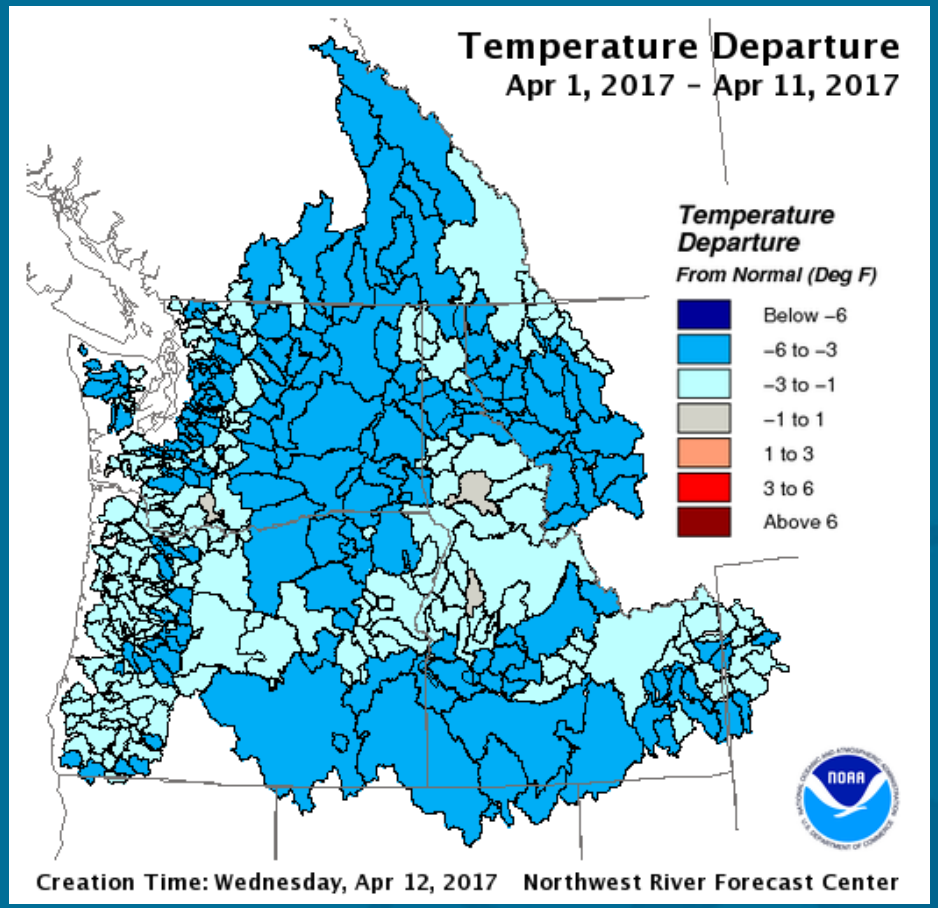




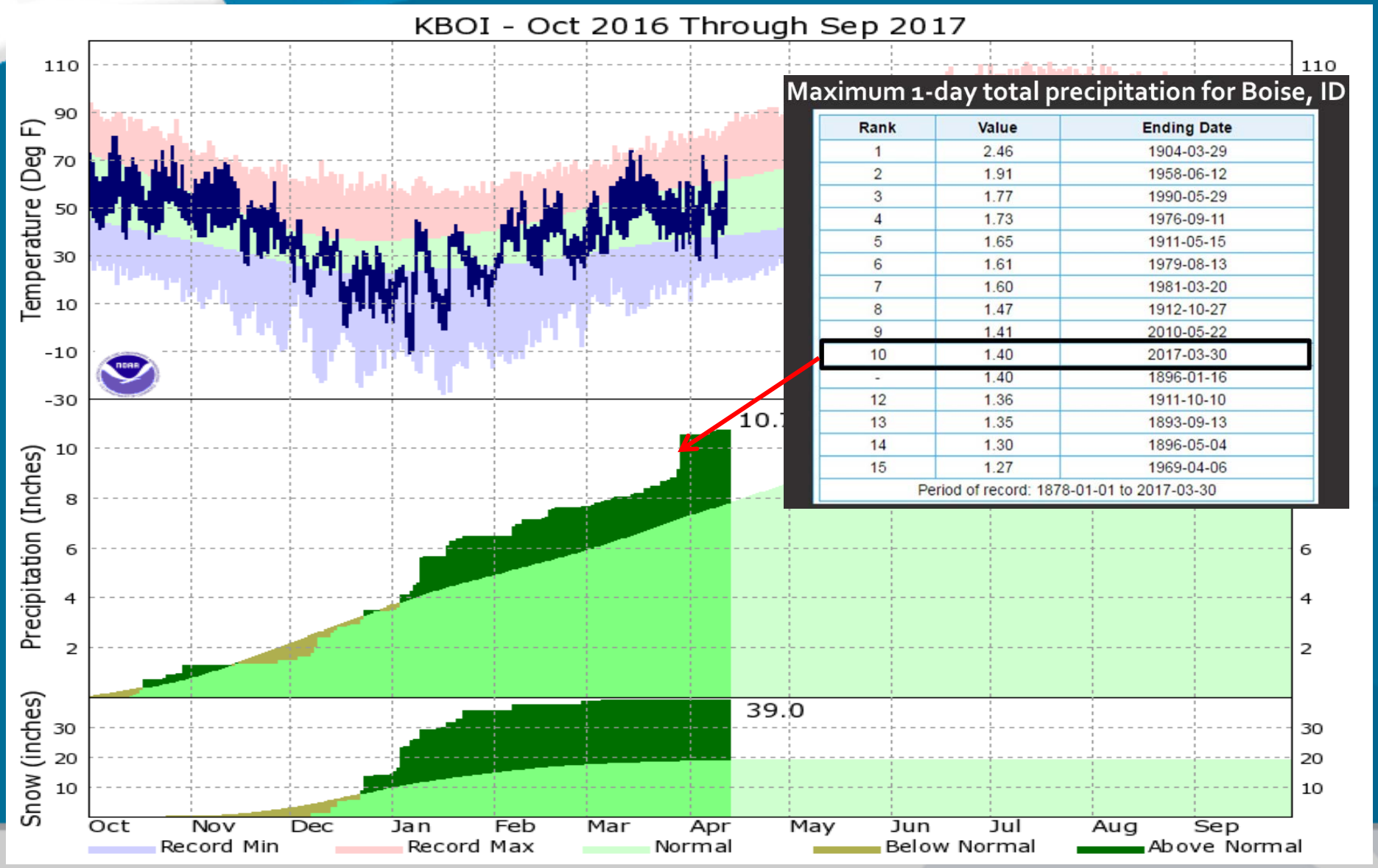


April Temperature and Precipitation





Temperature and Precipitation at Boise

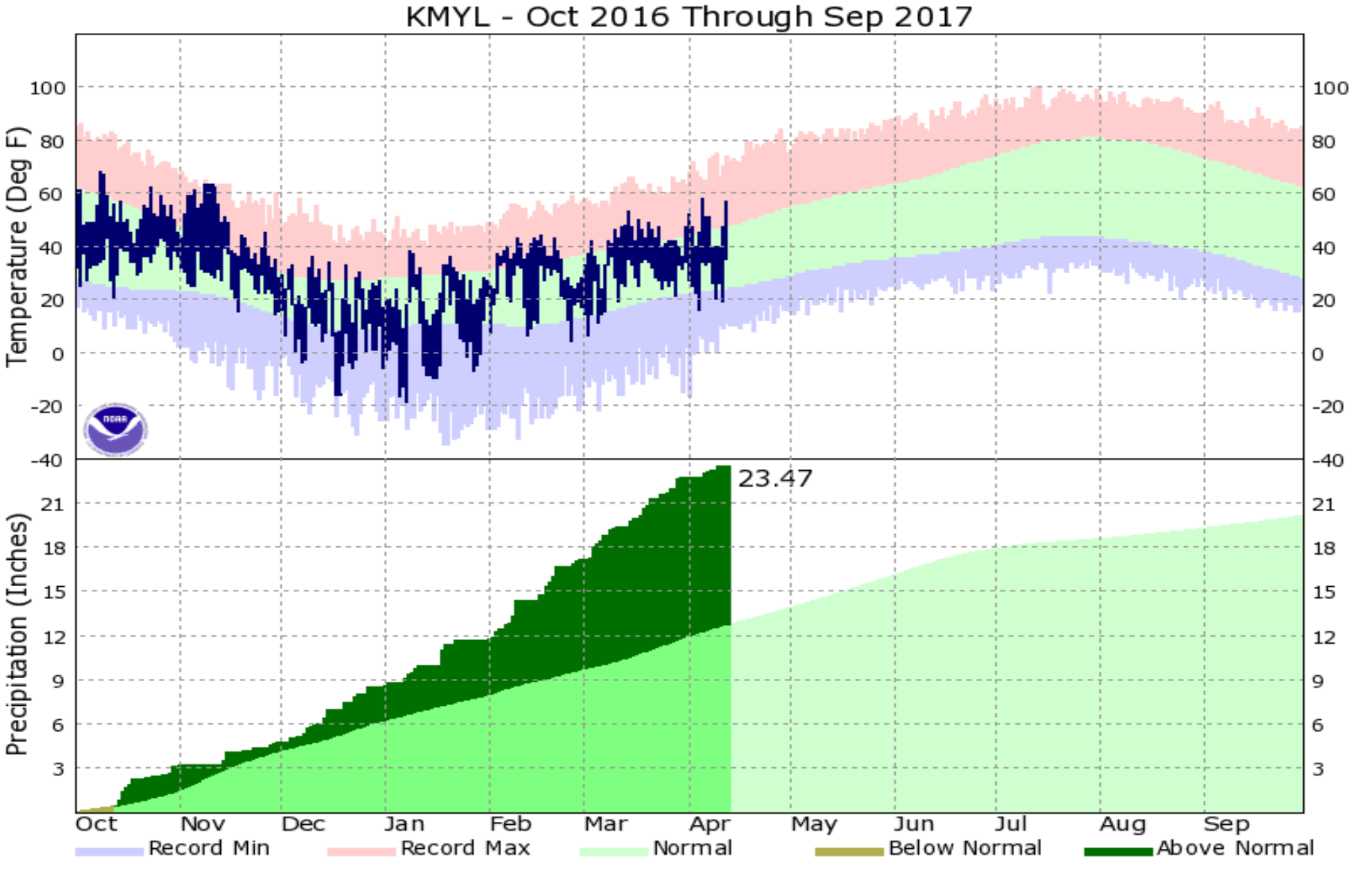


Maximum 1-day total precipitation for Boise, ID

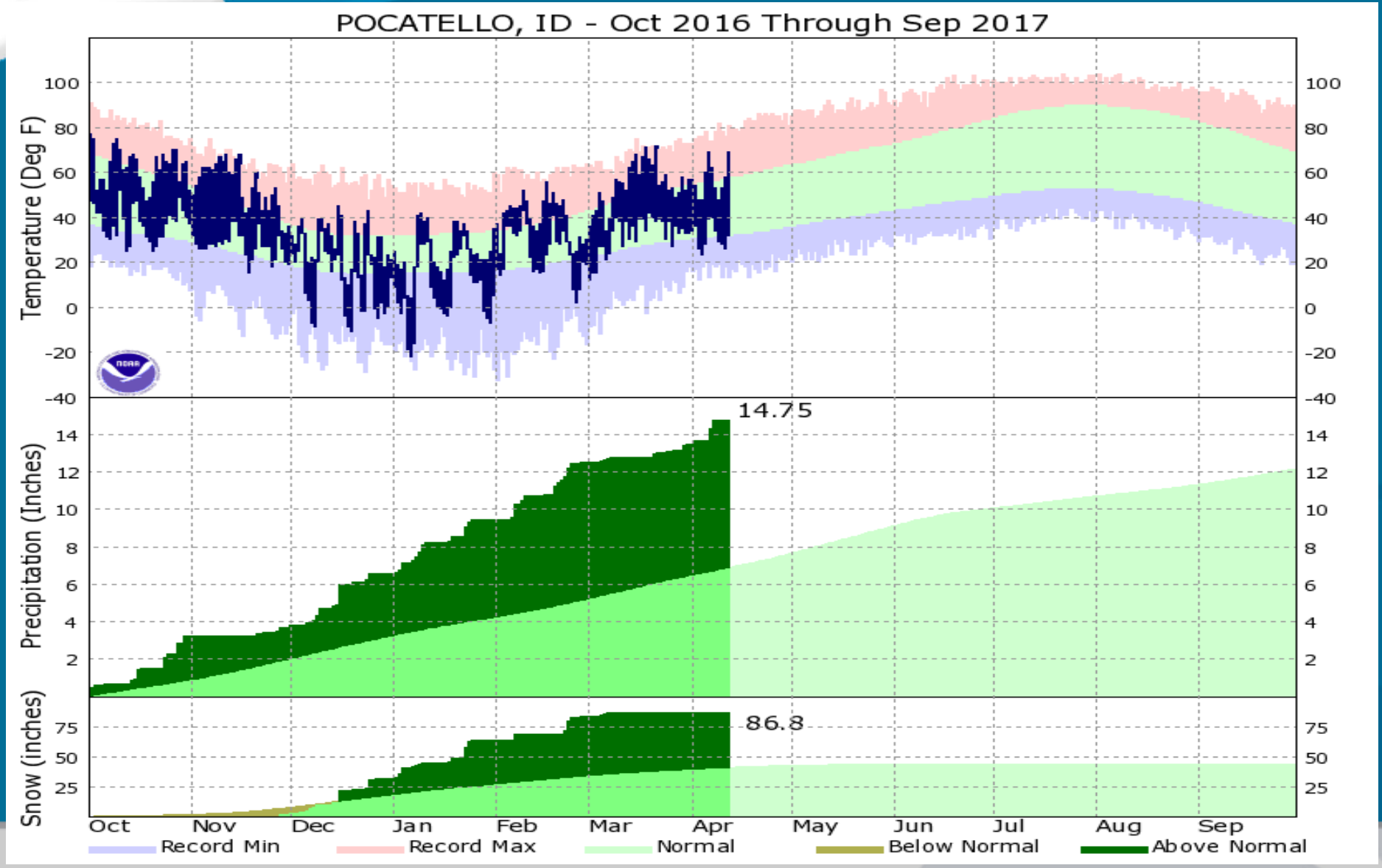
Rank	Value	Ending Date
1	2.46	1904-03-29
2	1.91	1958-06-12
3	1.77	1990-05-29
4	1.73	1976-09-11
5	1.65	1911-05-15
6	1.61	1979-08-13
7	1.60	1981-03-20
8	1.47	1912-10-27
9	1.41	2010-05-22
10	1.40	2017-03-30
-	1.40	1896-01-16
12	1.36	1911-10-10
13	1.35	1893-09-13
14	1.30	1896-05-04
15	1.27	1969-04-06

Period of record: 1878-01-01 to 2017-03-30

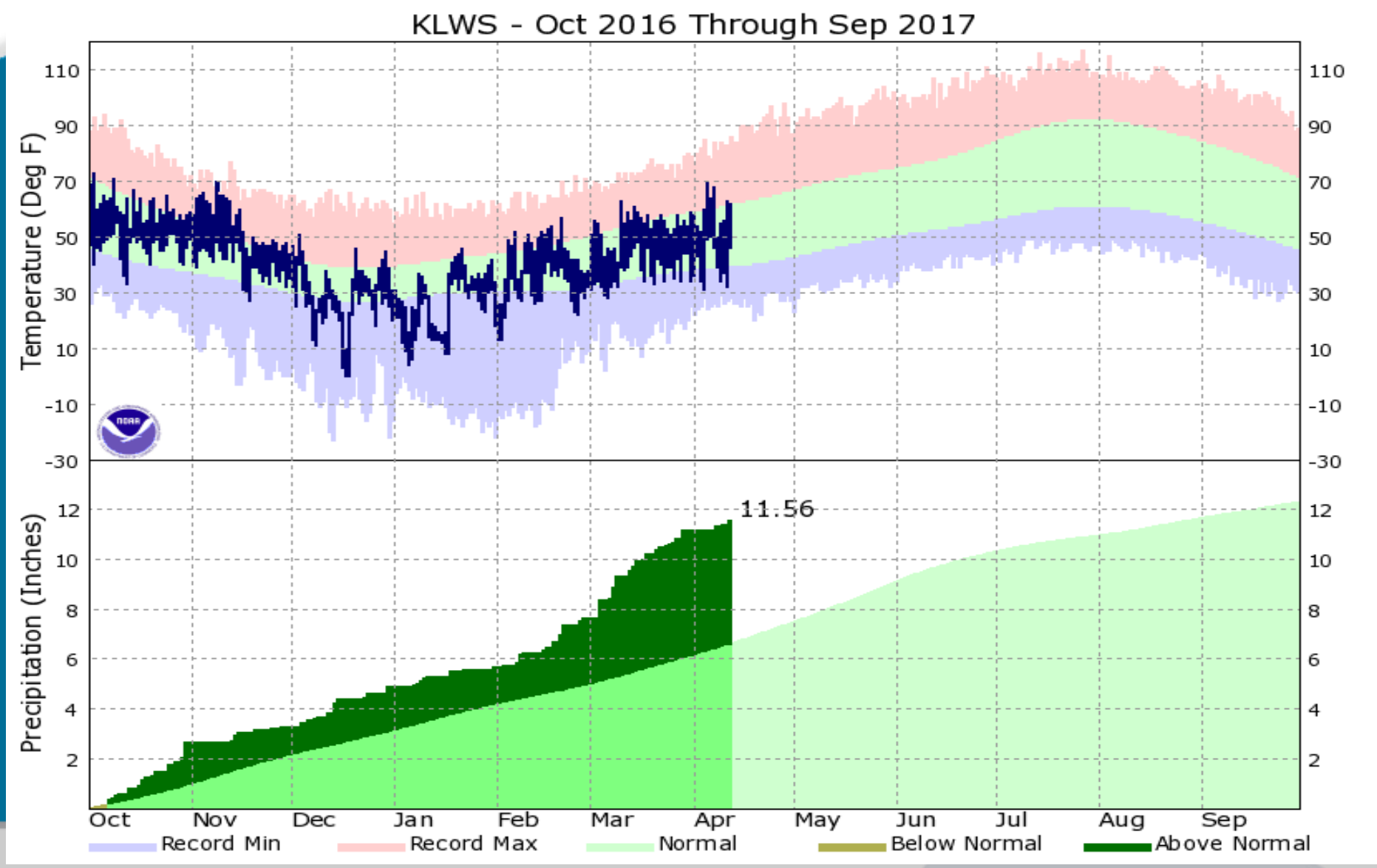
Temperature and Precipitation at McCall



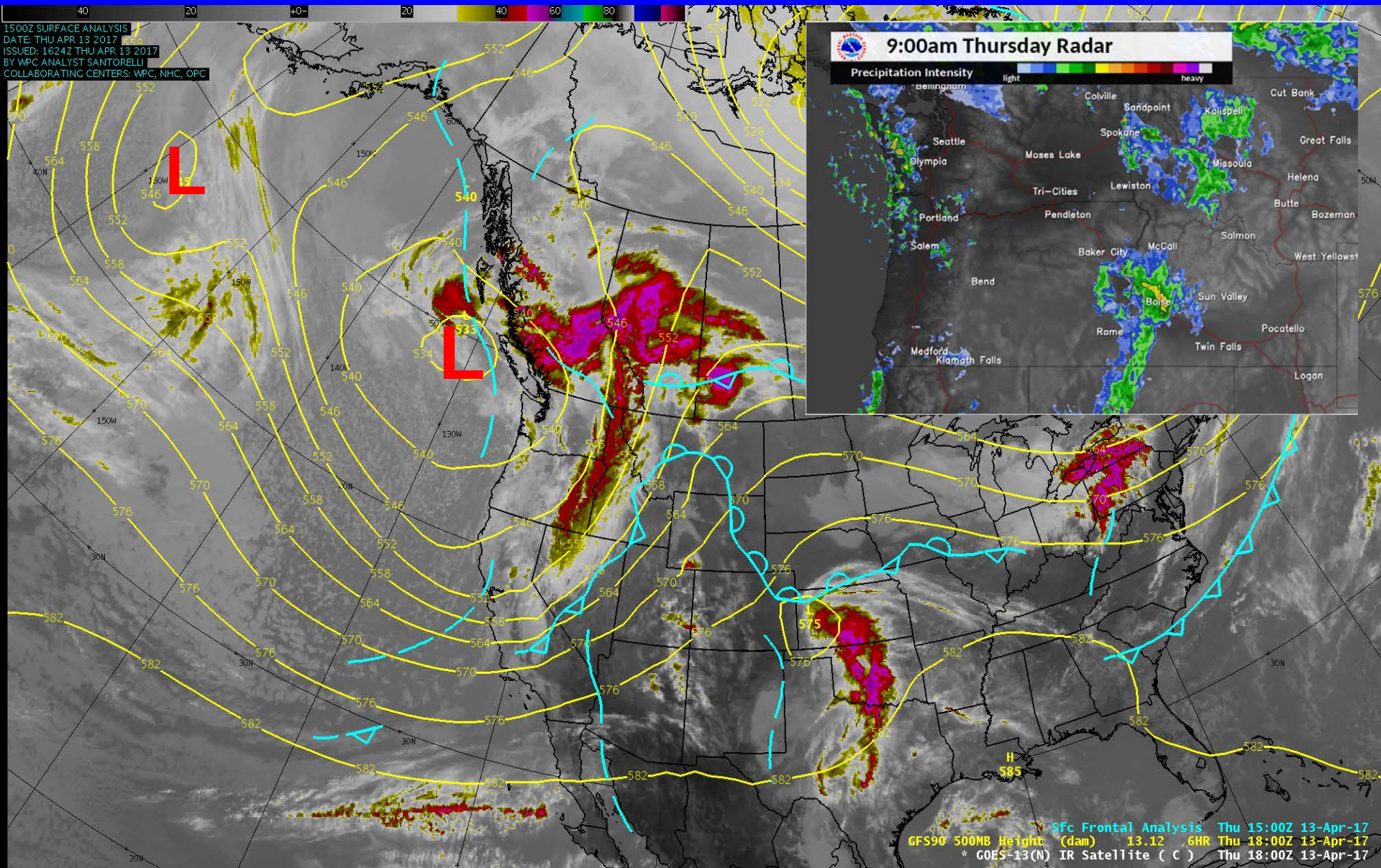
Temperature and Precipitation at Pocatello



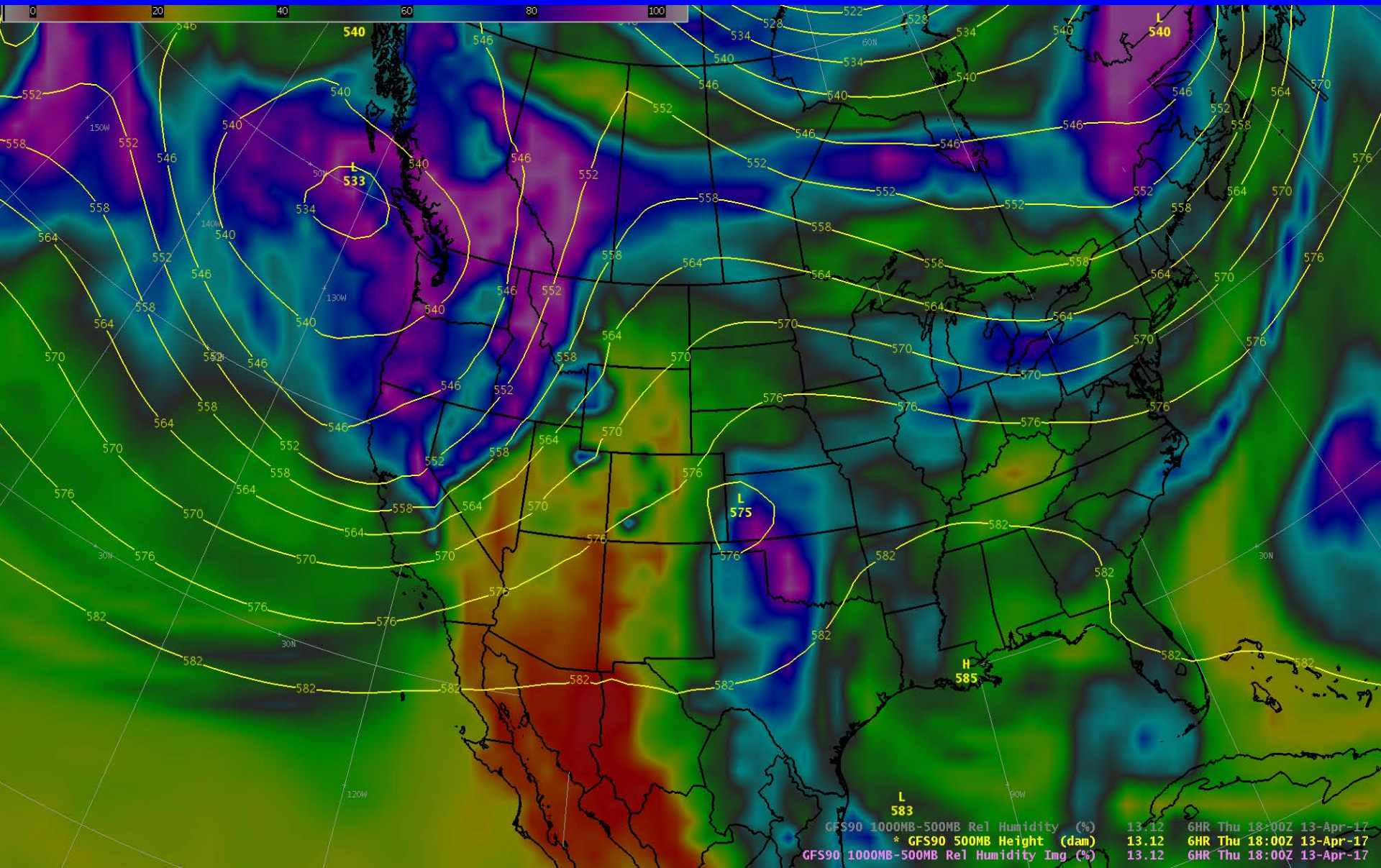
Temperature and Precipitation at Lewiston



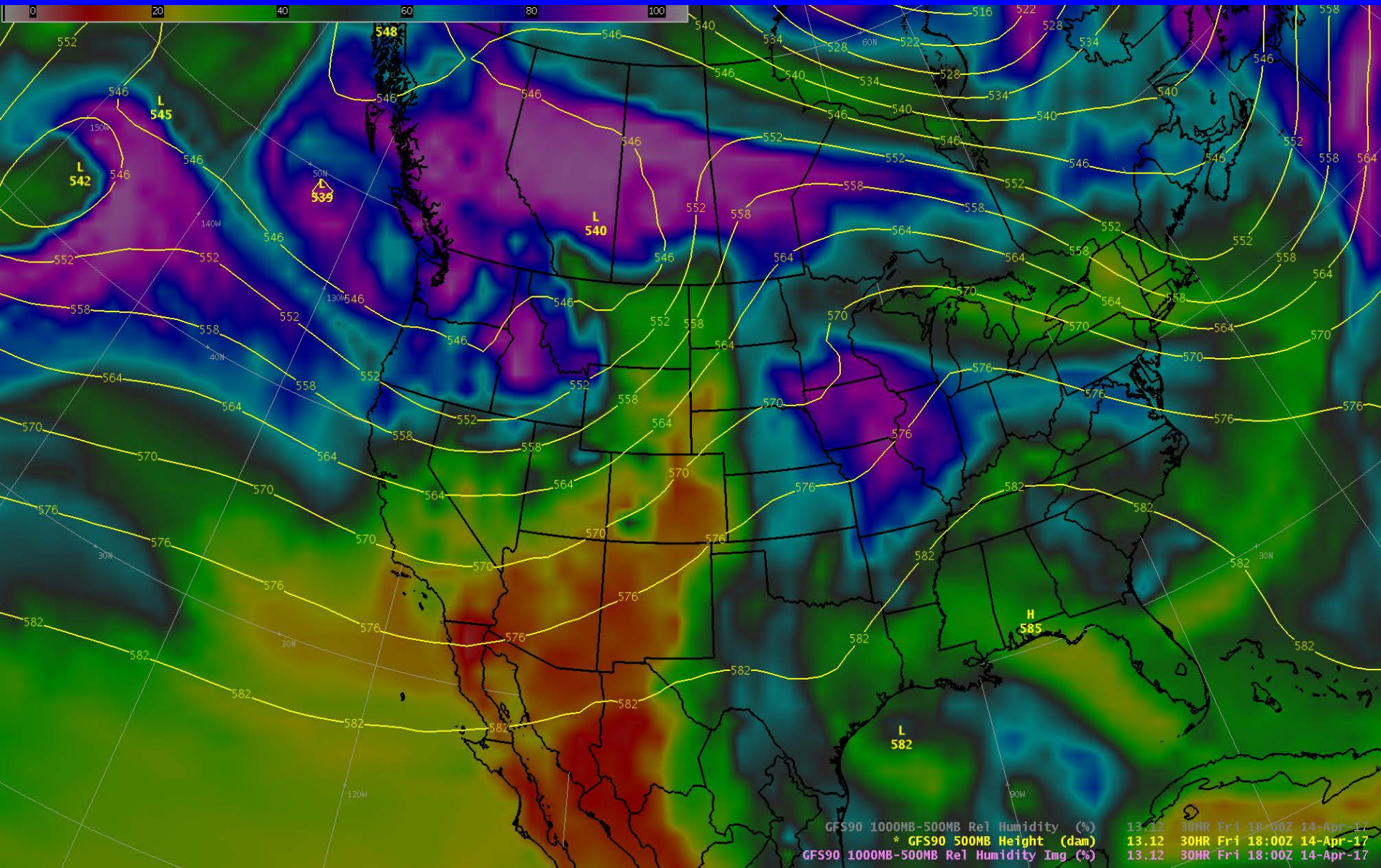
Thursday - April 13
IR Satellite Imagery



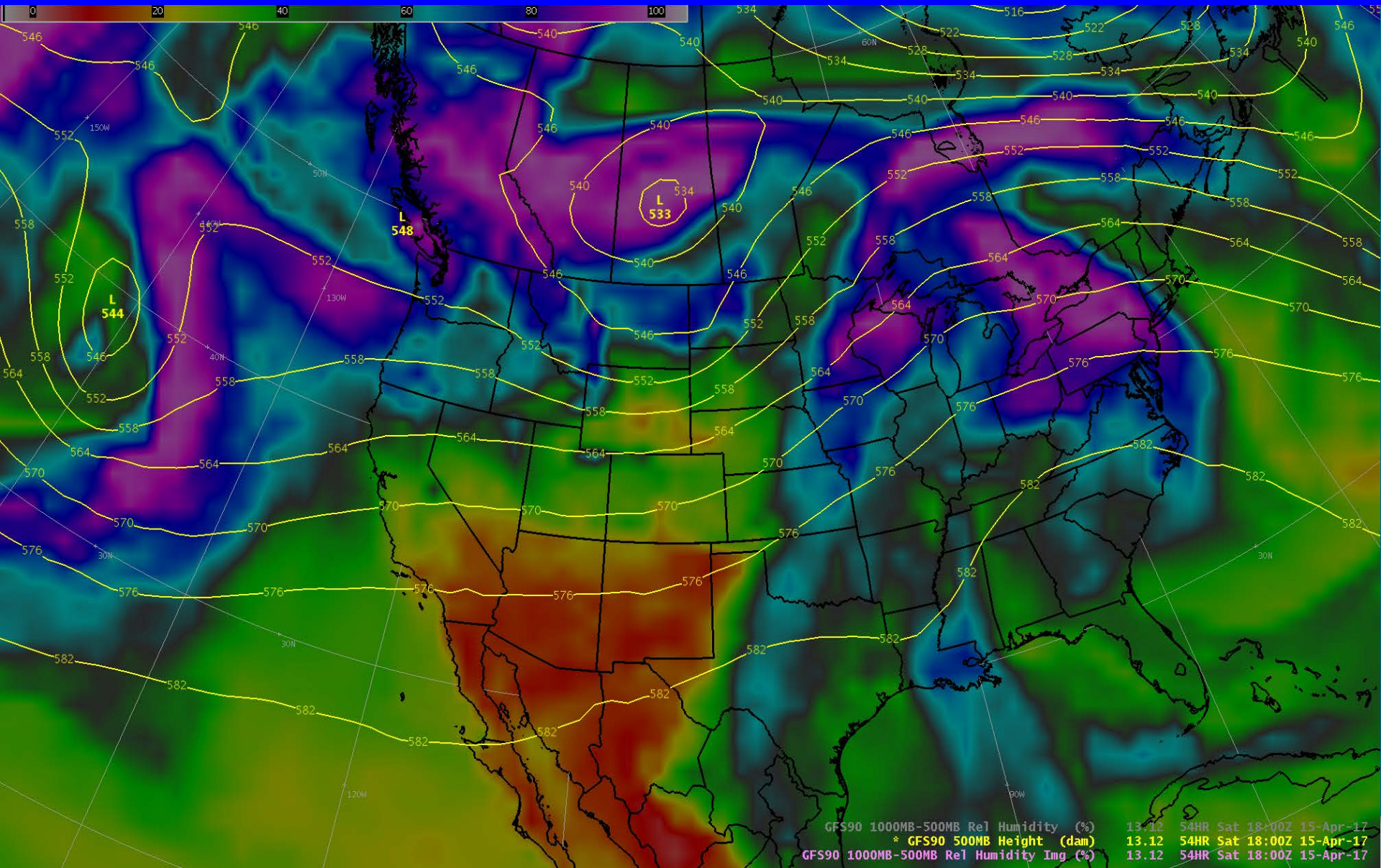
Thursday, April 13



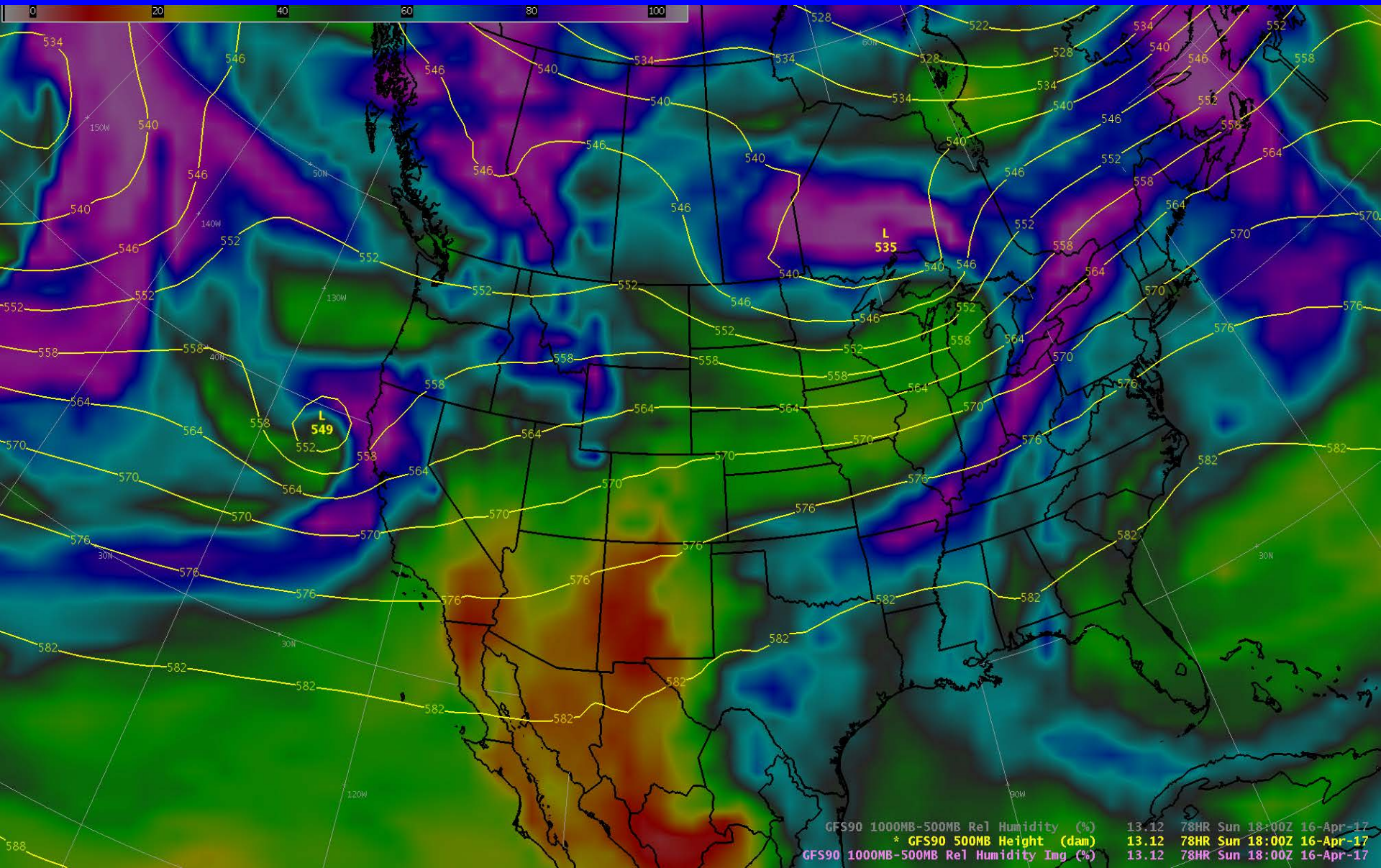
Friday, April 14



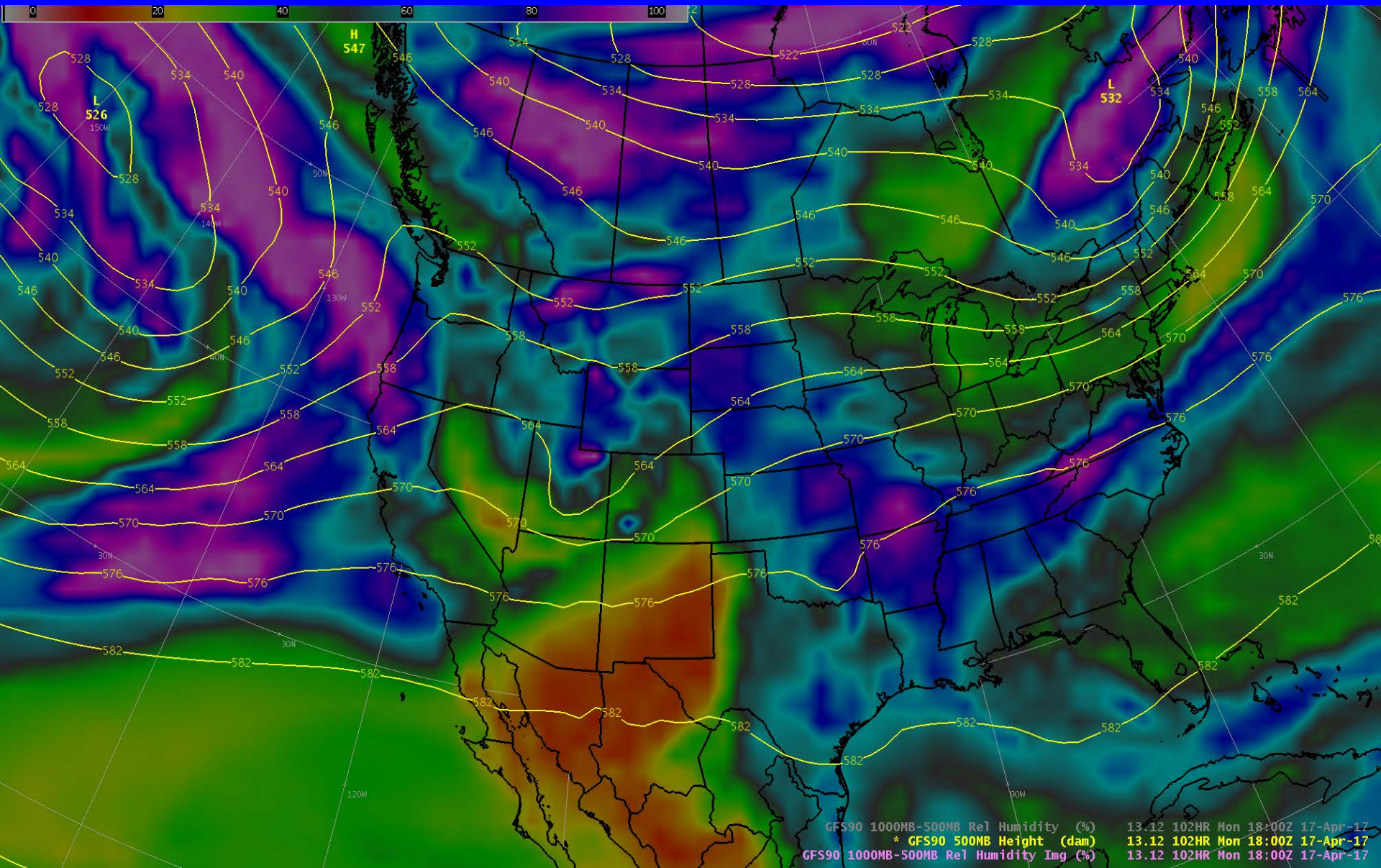
Saturday, April 15



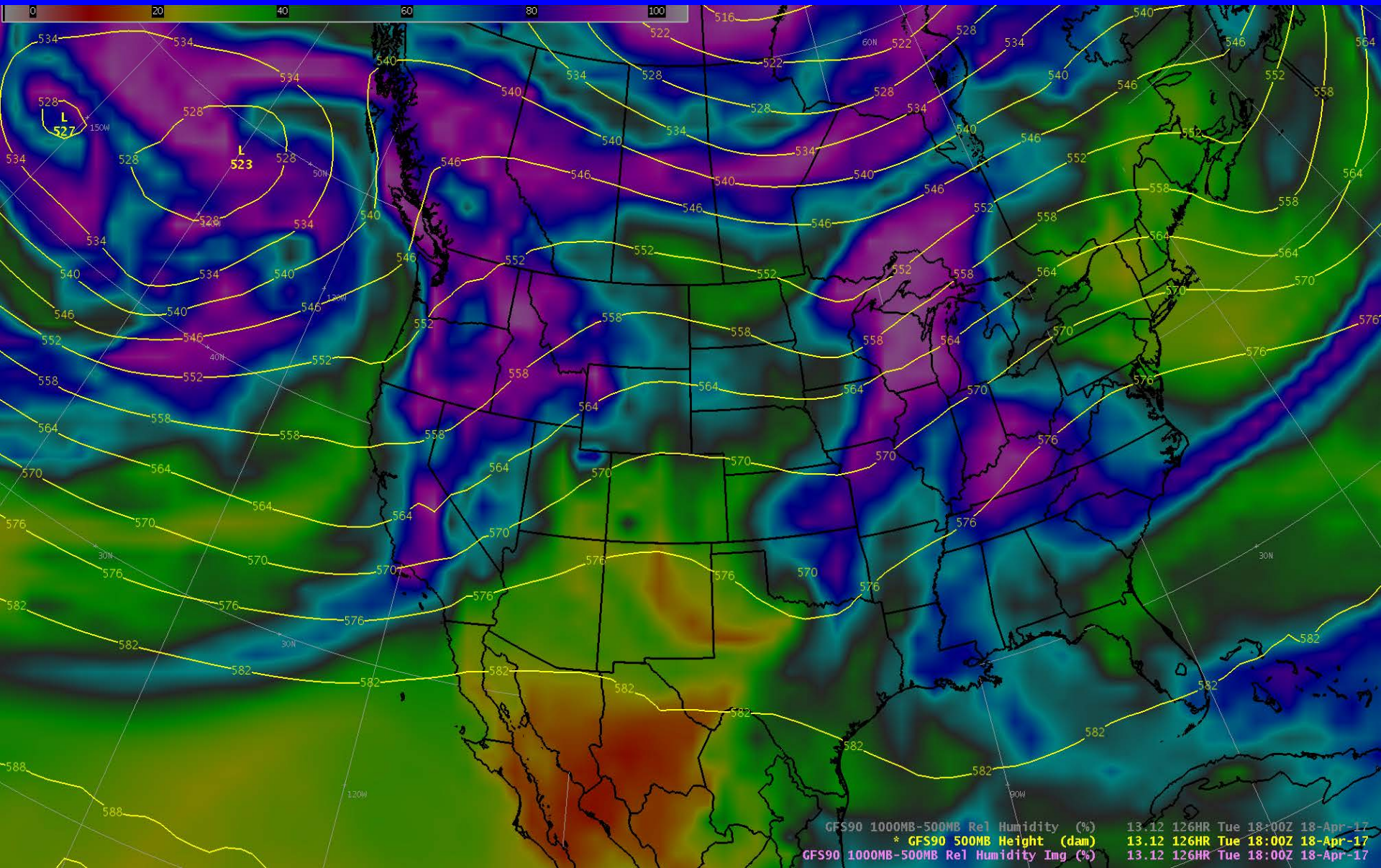
Sunday, April 16



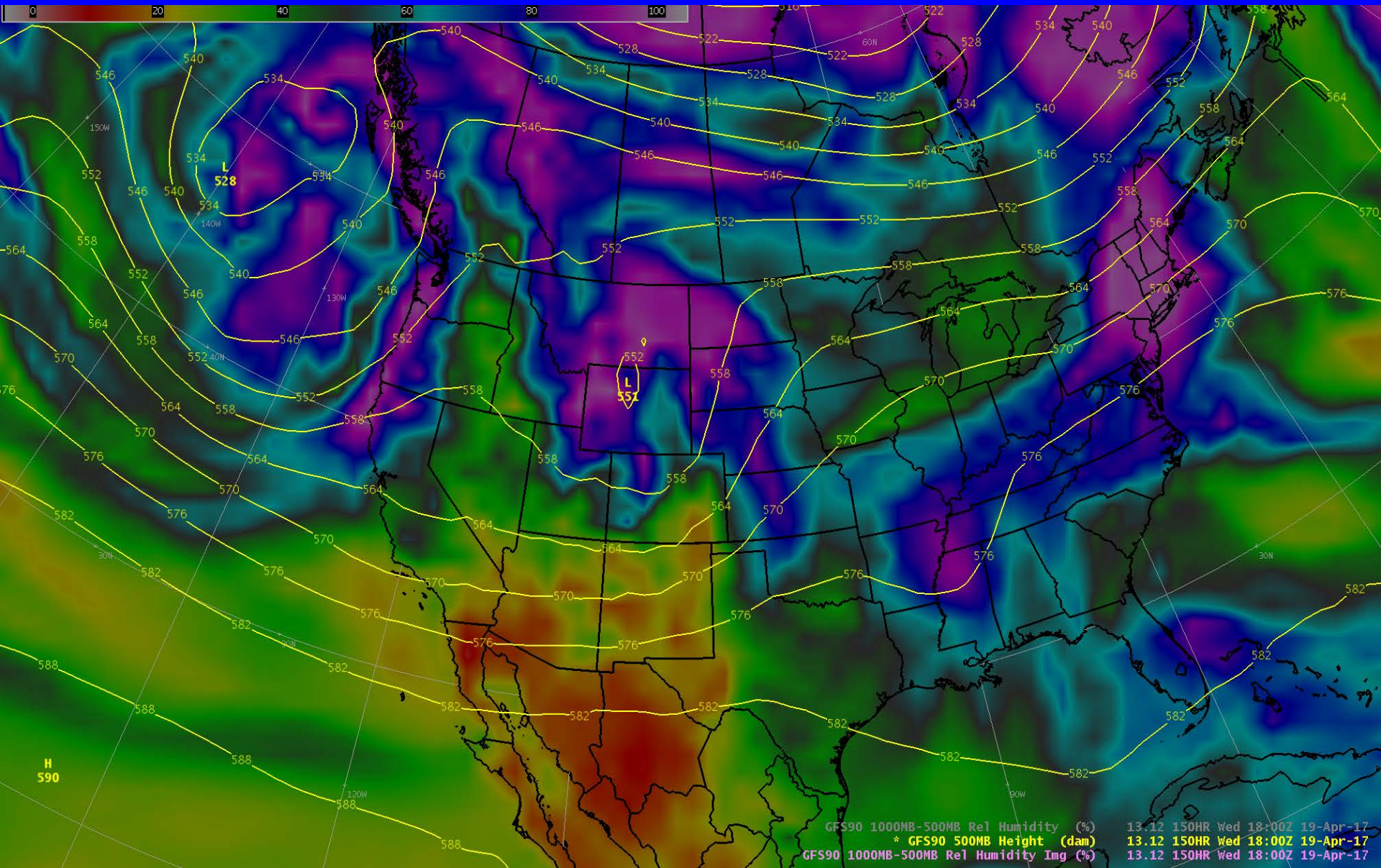
Monday, April 17



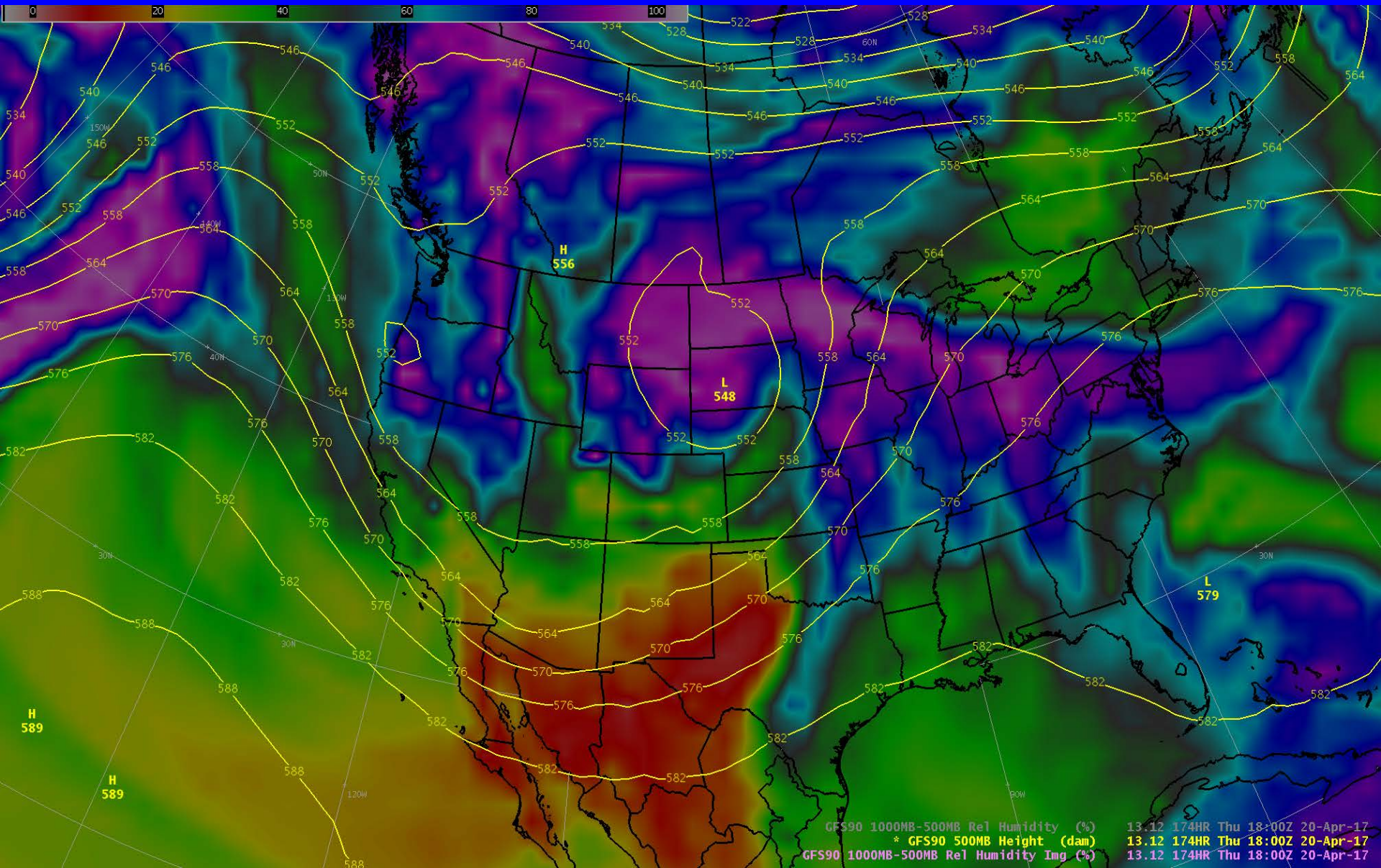
Tuesday, April 18



Wednesday, April 19



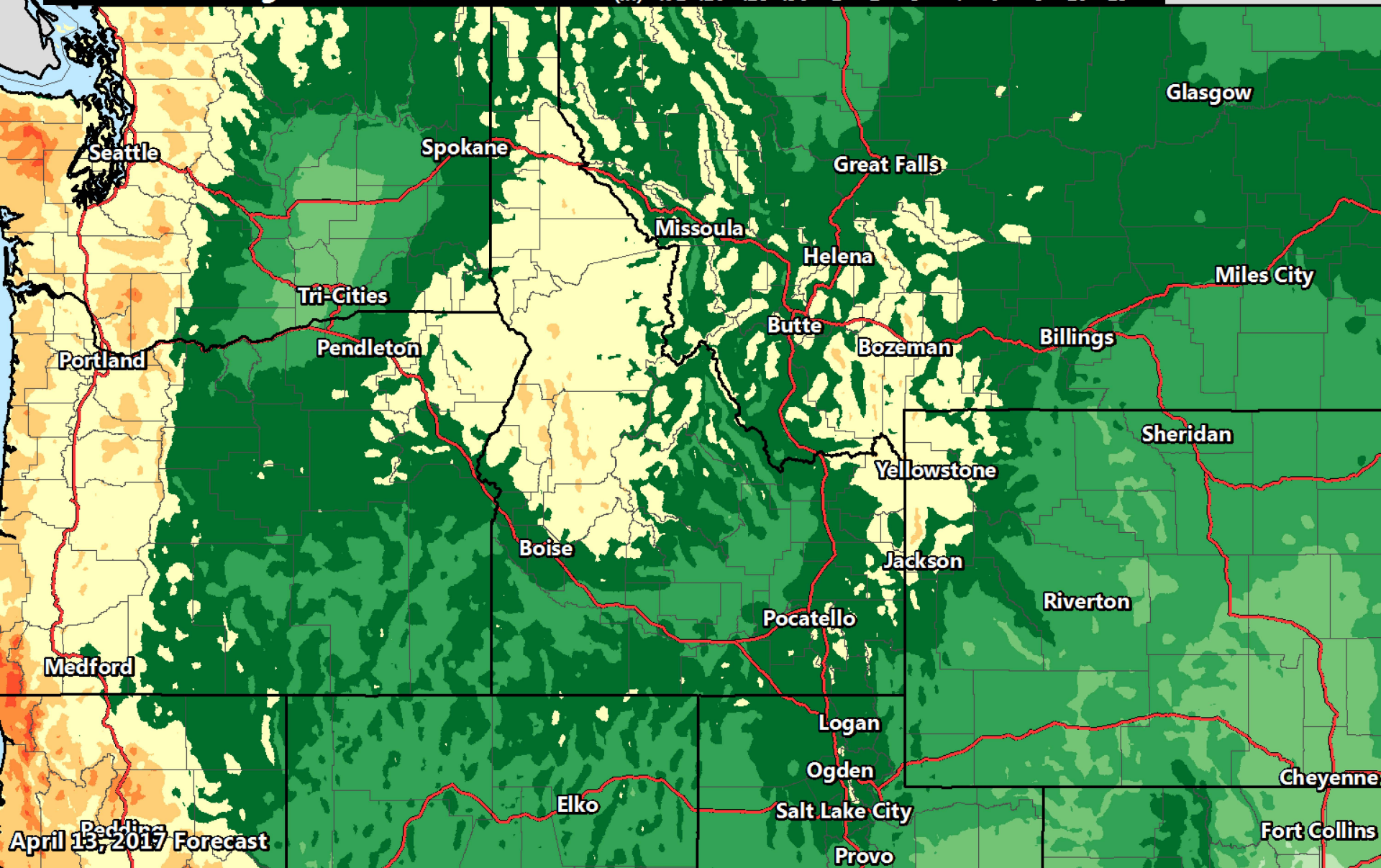
Thursday, April 20



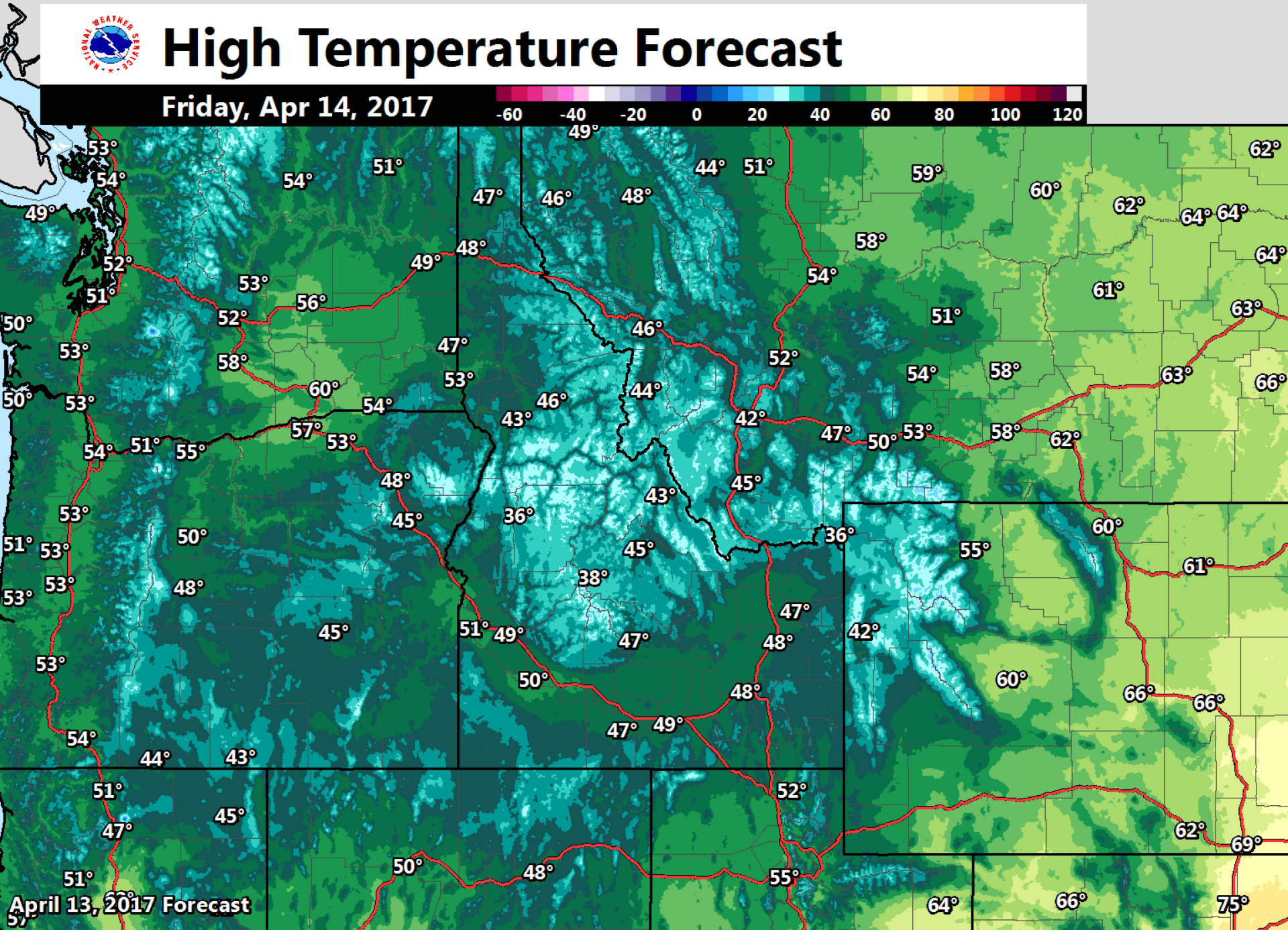
7-Day Precipitation Forecast

Through 6AM 04/20/2017

(in) .01 .10 .25 .50 1 2 3 4 6 8 10 15



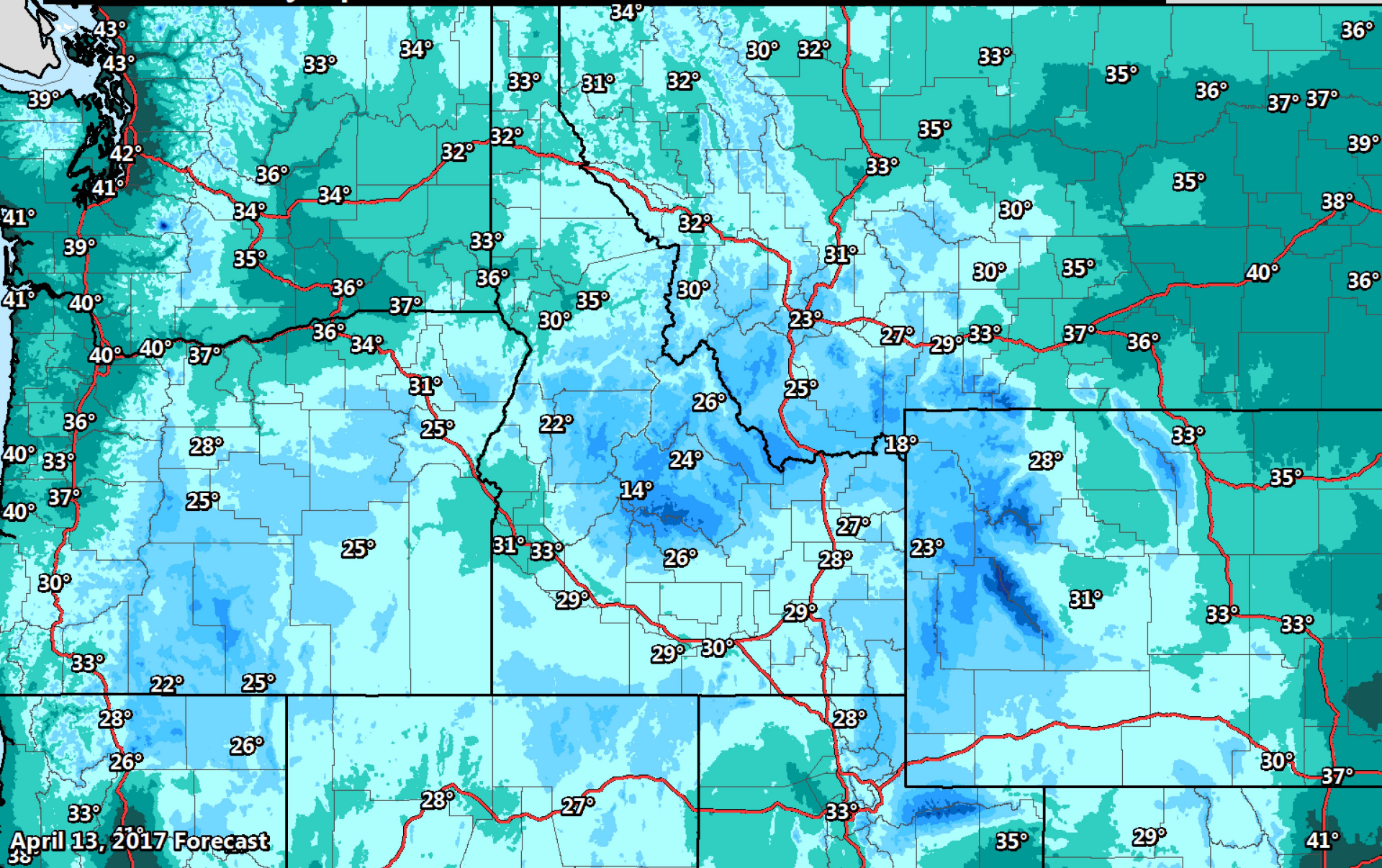
April 13, 2017 Forecast


High Temperature Forecast
Friday, Apr 14, 2017
-60 -40 -20 0 20 40 60 80 100 120
April 13, 2017 Forecast

Low Temperature Forecast

Saturday, Apr 15, 2017

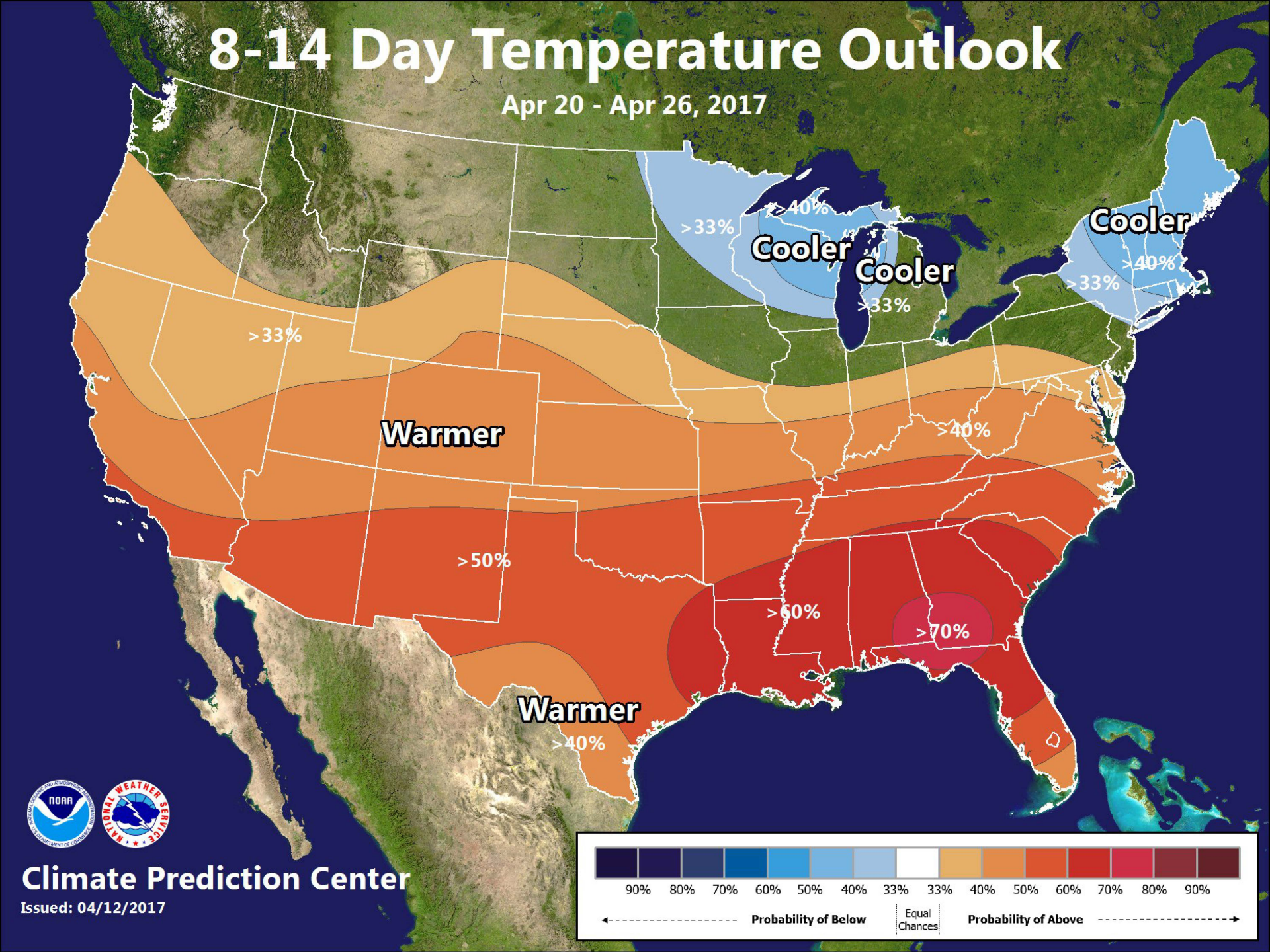
-60 -40 -20 0 20 40 60 80 100 120



April 13, 2017 Forecast

8-14 Day Temperature Outlook

Apr 20 - Apr 26, 2017

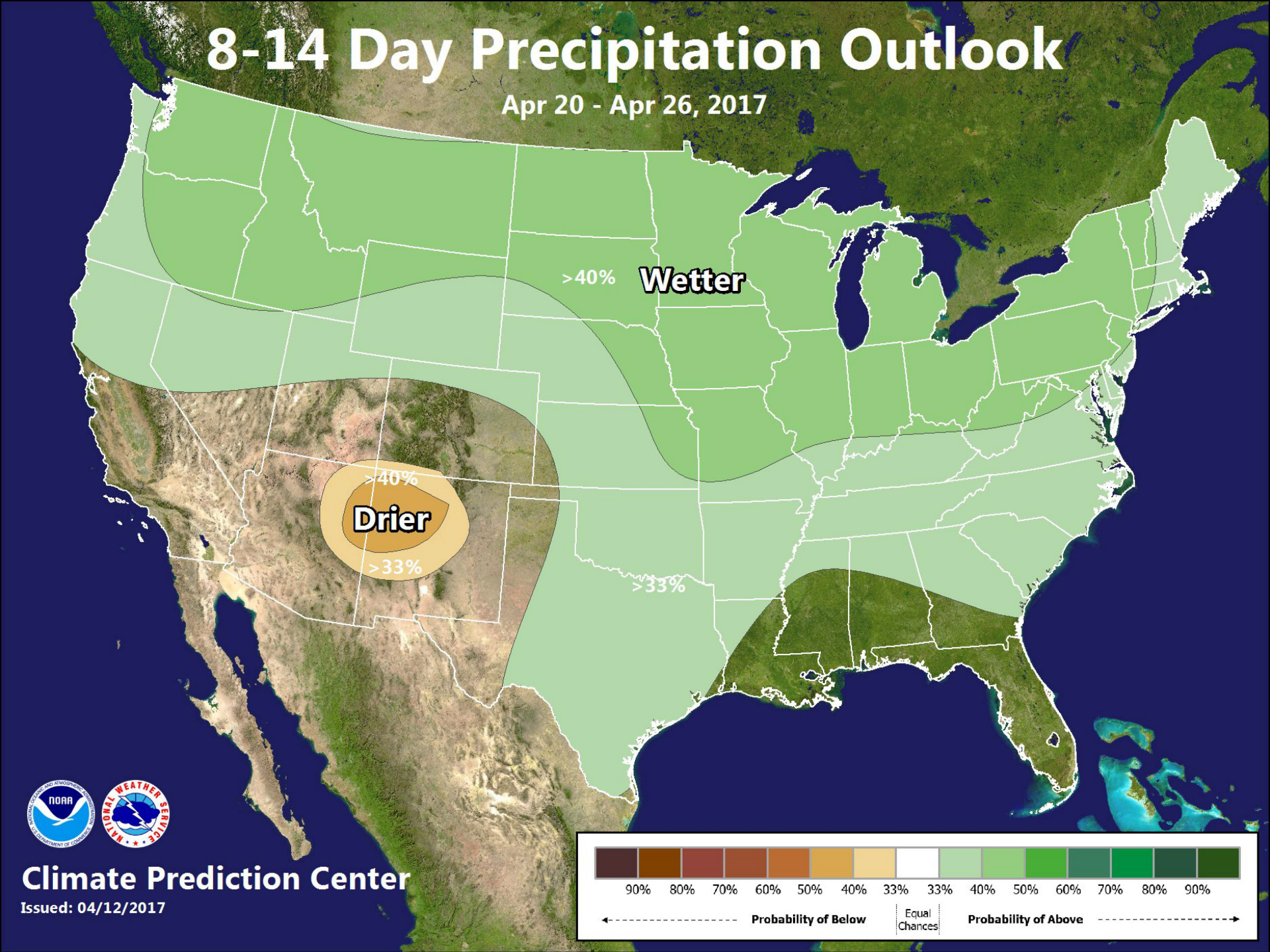


Climate Prediction Center

Issued: 04/12/2017

8-14 Day Precipitation Outlook

Apr 20 - Apr 26, 2017

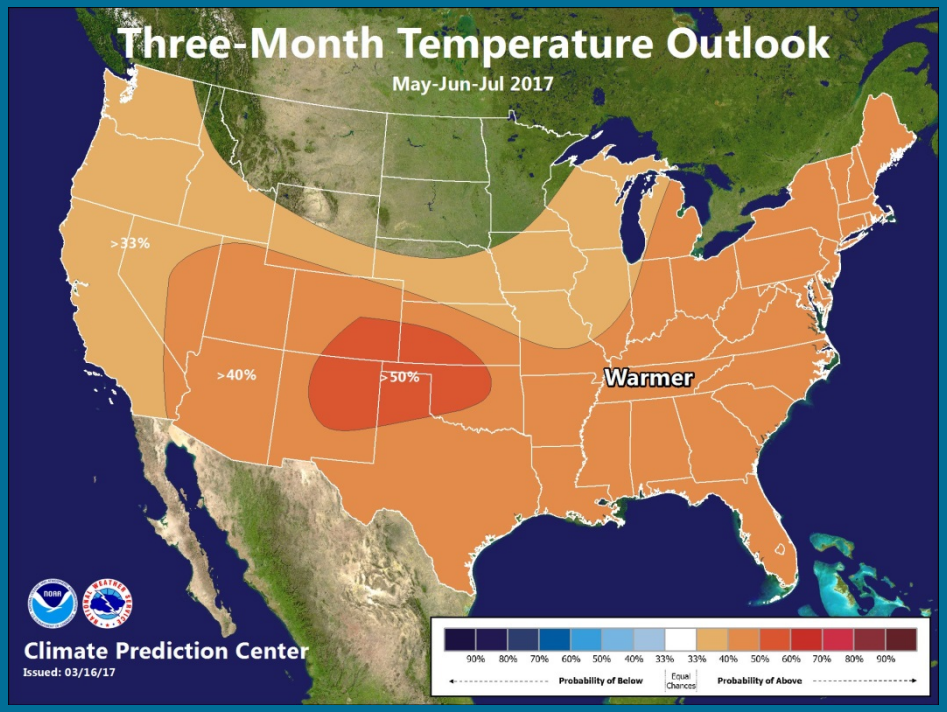


Climate Prediction Center

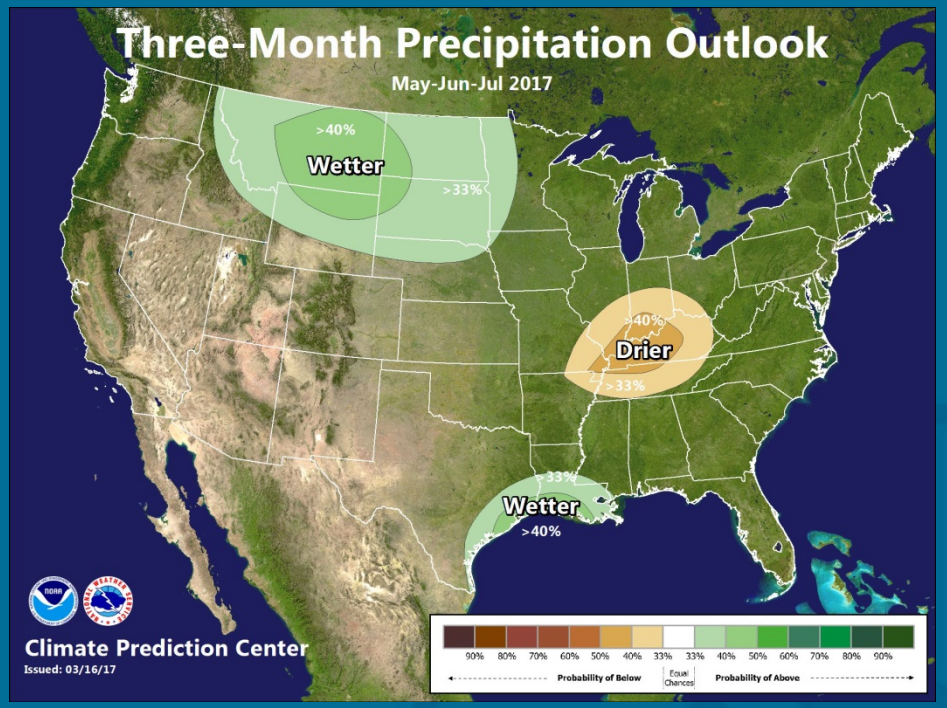
Issued: 04/12/2017

Outlook for May - Jun - Jul

Temperature

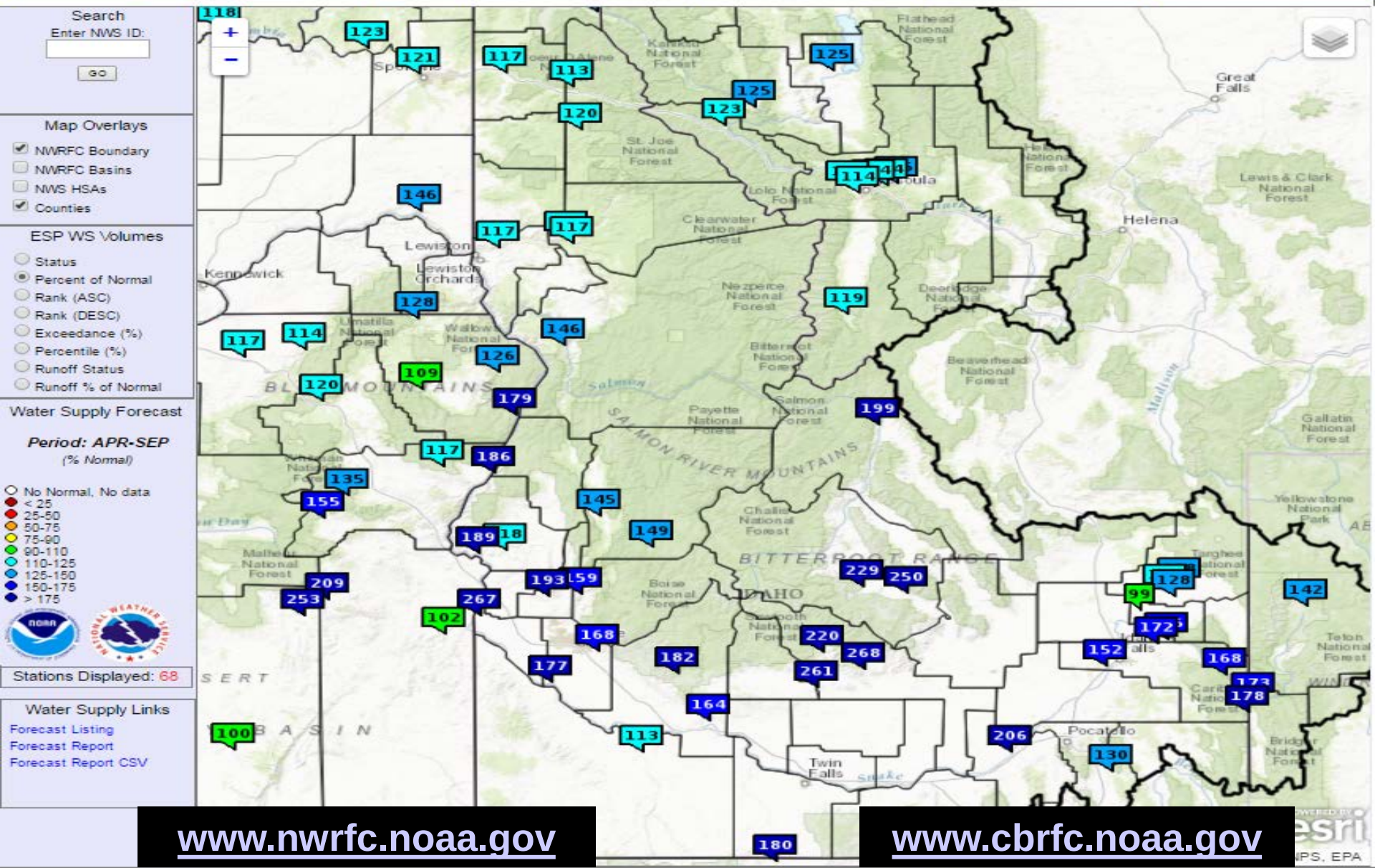


Precipitation



Northwest River Forecast Center
Water Supply Forecasts

River and Hydrology | Water Supply | Observations | Weather Forecasts | Climate | NWRFC



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www.cbrfc.noaa.gov

Northwest River Forecast Center
Water Supply Forecasts

Search
Enter NWS ID:
GO

Map Overlays
- [x] NWRFC Boundary
- [ ] NWRFC Basins
- [ ] NWS HSAs
- [x] Counties

ESP WS Volumes
- ( ) Status
- ( ) Percent of Normal
- (•) Rank (ASC)
- ( ) Rank (DESC)
- ( ) Exceedance (%)
- ( ) Percentile (%)
- ( ) Runoff Status
- ( ) Runoff % of Normal

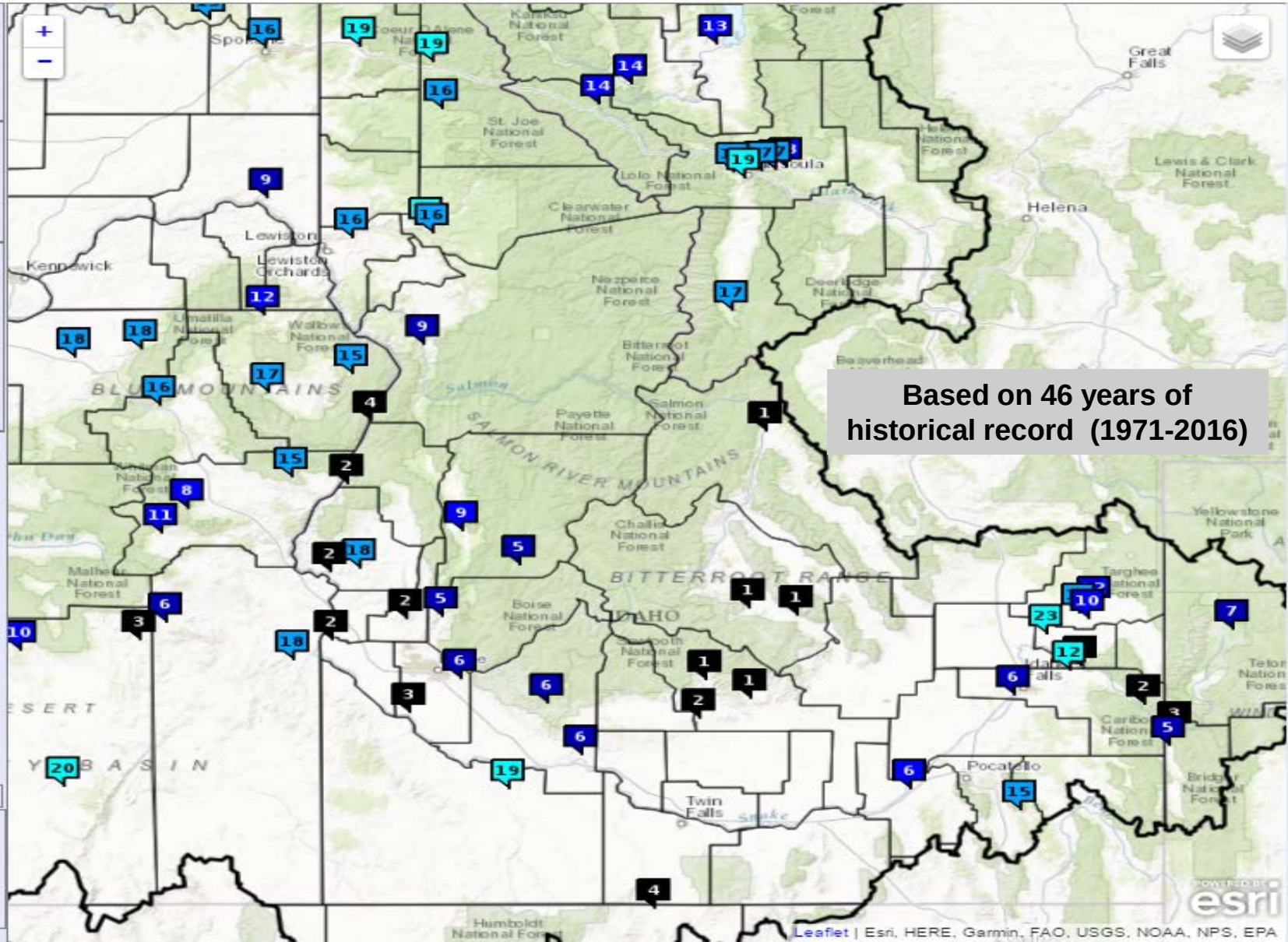
ESP Water Supply Forecast

Period: APR-SEP
Rank (Ascending)
Marker Color Shows Exceedance (%)

- No data
- 0-10
- 10-20
- 20-30
- 30-40
- 40-50
- 50-60
- 60-70
- 70-80
- 80-90
- 90-100

Stations Displayed: 67

Water Supply Links
Forecast Listing
Forecast Report
Forecast Report CSV



NWRFC Water Supply

Northwest River Forecast Center

Water Supply Forecasts

Close | Data/Normals | Rankings | ENSO / Runoff | Adjustments | Verification | Verify All Years | Archive | Monthly Water Supply Forecasts | Help

BOISE - LUCKY PEAK DAM (LUCI1)
Forecasts for Water Year 2017

Official Forecast

10 days QPF: Ensemble: 2017-04-12 *Issued:* 2017-04-12

Forecast Period	Forecasts Are in KAF				30 Year Average (1981-2010)
	90 %	50 %	% Average	10 %	
APR-SEP	2097	2284	168	2538	1361
APR-JUL	1970	2150	170	2393	1261
JAN-SEP	2921	3107	184	3362	1692
JAN-JUL	2793	2973	187	3216	1592
OCT-SEP	3085	3272	175	3527	1866

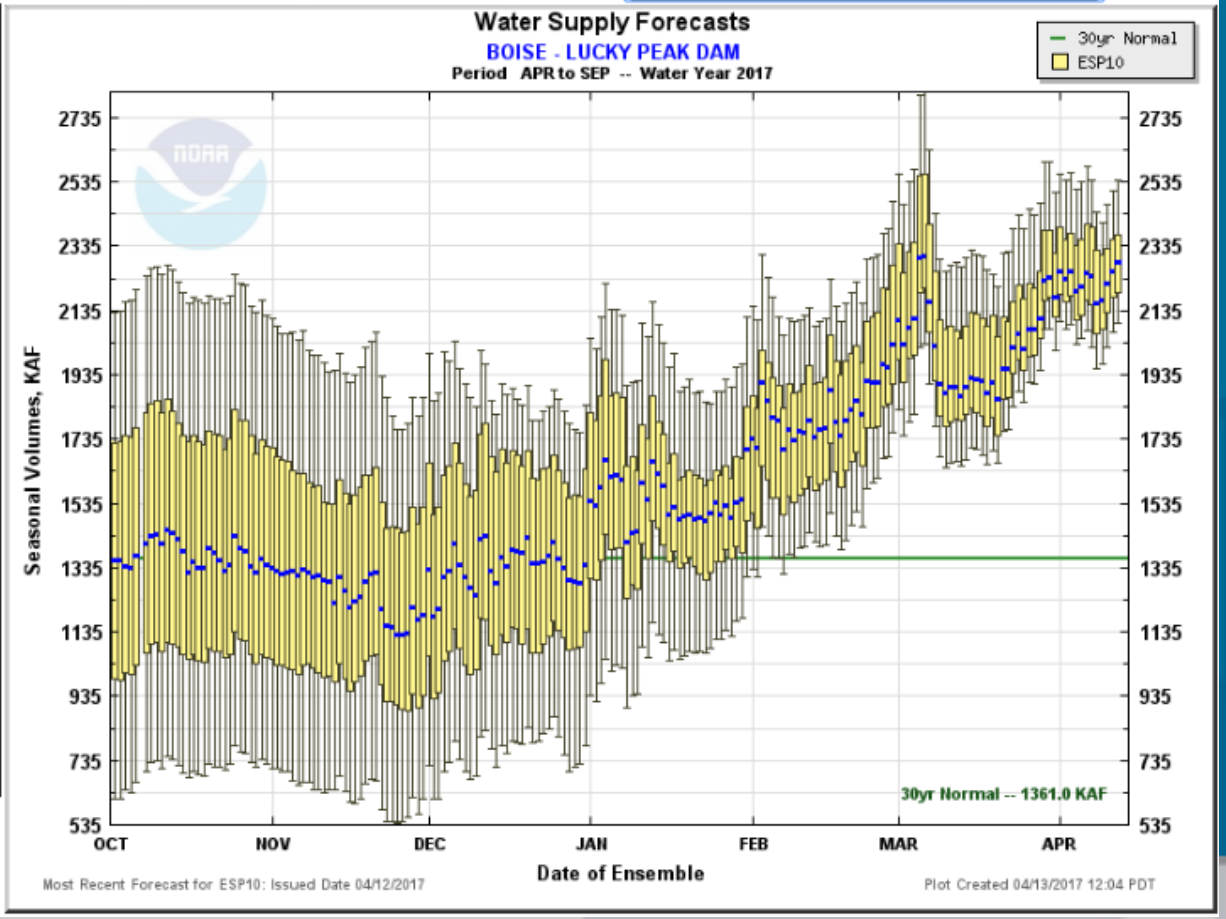
5 days QPF:Ensemble: 2017-04-12 *Issued:* 2017-04-12

APR-SEP	2019	2237	164	2533	1361
APR-JUL	1899	2089	166	2400	1261
JAN-SEP	2843	3060	181	3356	1692
JAN-JUL	2722	2913	183	3224	1592
OCT-SEP	3008	3225	173	3521	1866

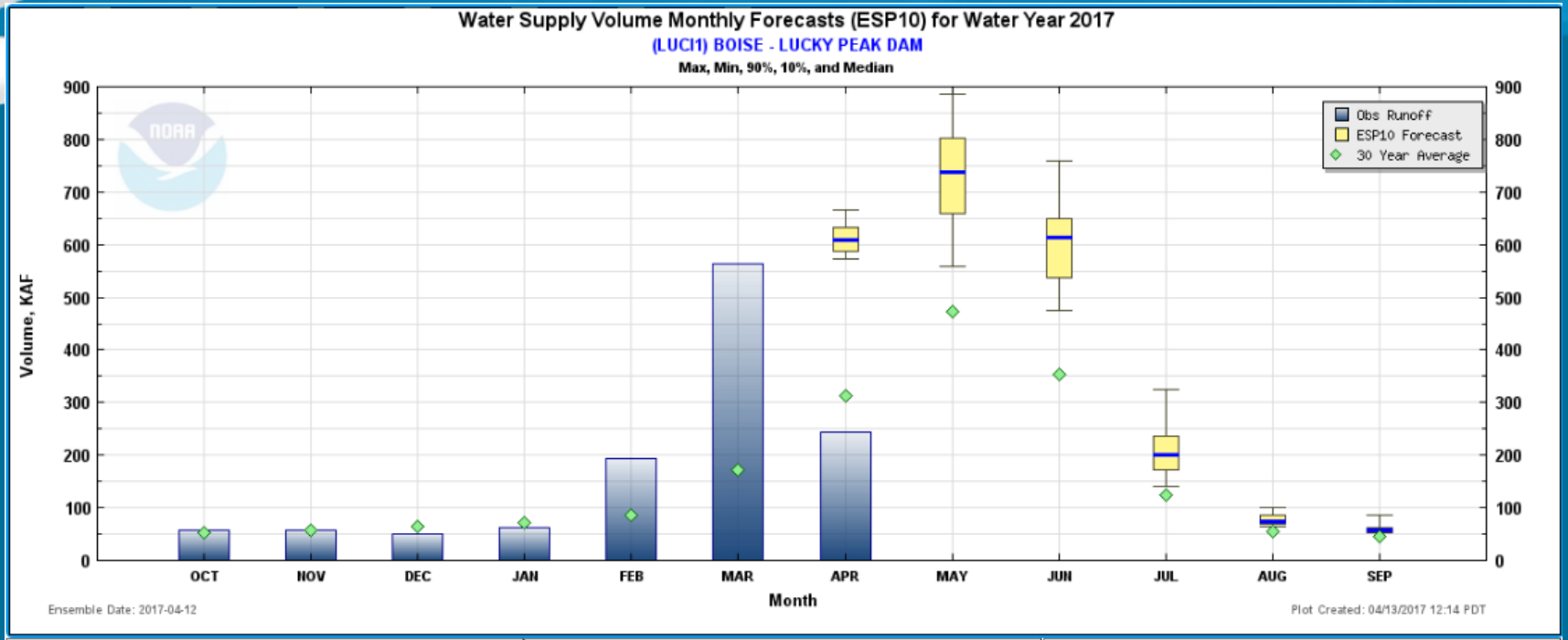
0 days QPF:Ensemble: 2017-04-12 *Issued:* 2017-04-12

APR-SEP	2072	2219	163	2516	1361
APR-JUL	1924	2067	164	2354	1261
JAN-SEP	2895	3042	180	3340	1692
JAN-JUL	2748	2890	182	3177	1592
OCT-SEP	3060	3207	172	3505	1866

Move the mouse over the desired "Forecast Period" to display a graph.



NWRFC Water Supply



BOISE - LUCKY PEAK DAM
Forecasts For Water Year 2017

ESP Monthly Water Supply Forecast
10 days QPF: Ensemble: 2017-04-12 Issued: 2017-04-12

Forecast Period	Forecasts Are in KAF 90 %	50 %	% Average	10 %	Obs Runoff (2017-04-12)	30 Year Average (1981-2010)
OCT					57	53
NOV					57	58
DEC					50	64
JAN					61	72
FEB					193	86
MAR					564	173
APR	572	609	195	667	244*	312
MAY	559	738	157	885		472
JUN	476	613	174	759		353
JUL	140	200	161	324		124
AUG	65	75	138	101		54
SEP	52	58	127	85		45

Move the mouse over the desired "Forecast Table" to update graph.
* Partial Monthly Total

CSV Download | ESP10 | Forecast Ensemble

BOISE - LUCKY PEAK DAM
Forecasts For Water Year 2017

ESP Monthly Water Supply Forecast
5 days QPF: Ensemble: 2017-04-12 Issued: 2017-04-12

Forecast Period	Forecasts Are in KAF 90 %	50 %	% Average	10 %	Obs Runoff (2017-04-12)	30 Year Average (1981-2010)
OCT					57	53
NOV					57	58
DEC					50	64
JAN					61	72
FEB					193	86
MAR					564	173
APR	529	610	195	717	244*	312
MAY	549	717	152	866		472
JUN	445	592	167	749		353
JUL	137	190	153	319		124
AUG	63	74	136	100		54
SEP	52	57	127	86		45

Move the mouse over the desired "Forecast Table" to update graph.
* Partial Monthly Total

CSV Download | ESP5 | Forecast Ensemble

BOISE - LUCKY PEAK DAM
Forecasts For Water Year 2017

ESP Monthly Water Supply Forecast
0 days QPF: Ensemble: 2017-04-12 Issued: 2017-04-12

Forecast Period	Forecasts Are in KAF 90 %	50 %	% Average	10 %	Obs Runoff (2017-04-12)	30 Year Average (1981-2010)
OCT					57	53
NOV					57	58
DEC					50	64
JAN					61	72
FEB					193	86
MAR					564	173
APR	522	614	197	745	244*	312
MAY	559	709	150	838		472
JUN	424	576	163	739		353
JUL	131	186	149	313		124
AUG	62	75	137	98		54
SEP	52	57	126	86		45

Move the mouse over the desired "Forecast Table" to update graph.
* Partial Monthly Total

CSV Download | ESP0 | Forecast Ensemble