WESTERN WEATHER GROUP

Addressing Weather Risks by Providing Product Solutions

Lake County Weather Forecast

Lake County Forecast

www.westernwx.com/lakeco

Marc Walsh, forecaster

This forecast was made possible by generous funding from the Lake County Winegrape Commission & American AgCredit

Monday April 6, 2015 issued 7:30am

HIGHLIGHTS: Increasing clouds & strengthening south winds today with a chance of light showers developing this afternoon. Chance of light showers this evening, **heavy rain** likely overnight (snow level ~3500ft). **Rain** giving way to **showers** around dawn. **Showers likely** picking up in the afternoon. Clearing & **cold** tomorrow night.

SHORT TERM SPECIFICS

		Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
TODAY	(am)	Ptly-Mostly Cloudy	55-60	30-35	0%	none	SE-SW 0-10→5-15
	(pm)	Cloudy		35-40	40%	Tr - .10	SE-SW 10-20 G25
TONIGHT	(eve)	Cloudy→Rain	35-40	35-40	80%	.10 - .25	S-SW 10-15 G20
	(late)	Rain			100%	.50 - .80	SW-W 5-15
TUESDAY	(am)	Rain→Showers	45-55	35-40	100%	Tr - .15	W-NW 5-15
	(pm)	Showers		30-35	80%	.10 - .25	SW-W 10-20

Forecast Discussion: The first of two cold fronts associated with an unseasonably cold trough of low pressure from the Gulf of Alaska, moved over NorCal yesterday bringing only around a 1/10" of rain to the county. Skies remained mostly clear overnight in a lull in between systems allowing a widespread freeze across the county. Look for increasing clouds & winds this afternoon with a chance of light pre-frontal showers ahead of the 2nd, stronger & wetter cold front which is due to move over the county early tomorrow morning. This next system will spread moderate to occasionally heavy rain over the county early tomorrow morning, with several inches of snow above 4000ft (& some light snow down to 3500ft). The steady precipitation associated with the front will probably come to an end around sunrise. Rain should turn to showers following the frontal passage. We could see a bit of a lull through the late morning, then post frontal convective showers will blossom in the afternoon with a chance for thunderstorms w/ locally heavy downpours including small hail & gusty winds. Look for Lake County rainfall totals between 1/2" to 1.5" from this system (locally higher amounts are possible if / where there are T-storms). Showers should decrease tomorrow evening and end overnight, with clearing skies and a widespread freeze looking probable and a chance for a moderately hard freeze in many of Lake County's valleys.

Extended Forecast Discussion: Drying weather and a warming trend is expected for the rest of the work week starting Wednesday as a ridge of high pressure rebuilds across the state. Nights will be frosty though. Models agree on taking the next upstream system to the south as a cutoff low, keeping it well offshore before finally spinning it inland over Baja CA next weekend. Thus at this point it looks to be no threat at all to the North & Central State. An inside slider trough will bring a chance of light rain to the county on Saturday, with breezy north winds & drying on Sunday.

EXTENDED RANGE OUTLOOK

	Wed 4/8	Thu 4/9	Fri 4/10	Sat 4/11	Sun 4/12
Weather	Partly Cldy	M Sunny	M Sunny	Partly Cldy	M Sunny
Max T	56-63	62-70	64-71	58-65	65-73
Min T	24-36	25-42	28-44	30-44	30-42
POP	10%(am)	0%	0%	30%	0%
Amounts	Tr - .05	none	none	Tr - .10	none
Winds	N-W 3-12	Var-S 0-10	Var 0-10	SW-W 5-20	NW-N 5-20

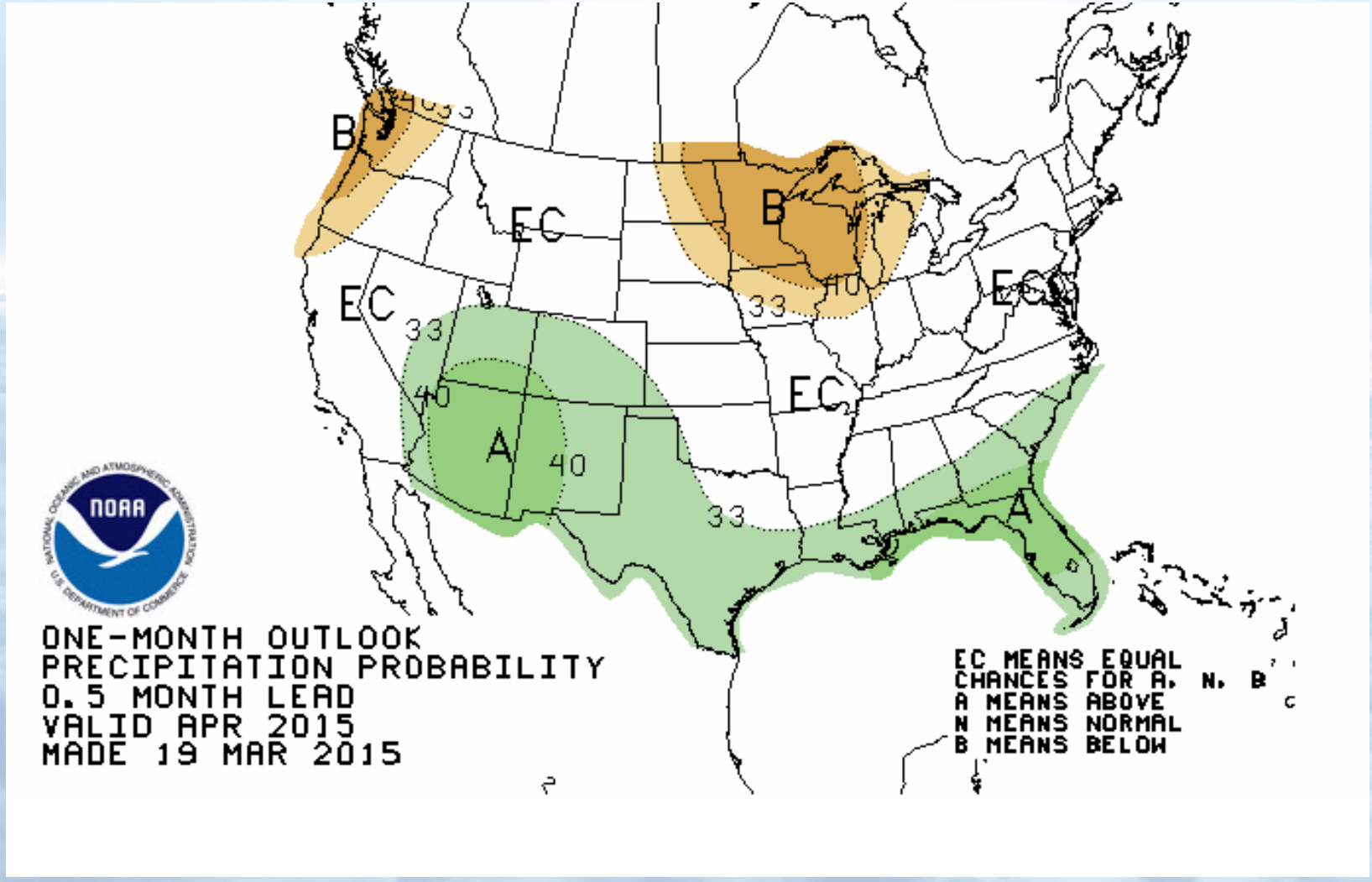
Trends Mon 04/13 - Wed 04/15

Max Temps: Above to near normal
Min Temps: Near normal
Precipitation: Unlikely
Wx Pattern: Trough passage to the north Tuesday nudges ridge offshore; north winds after

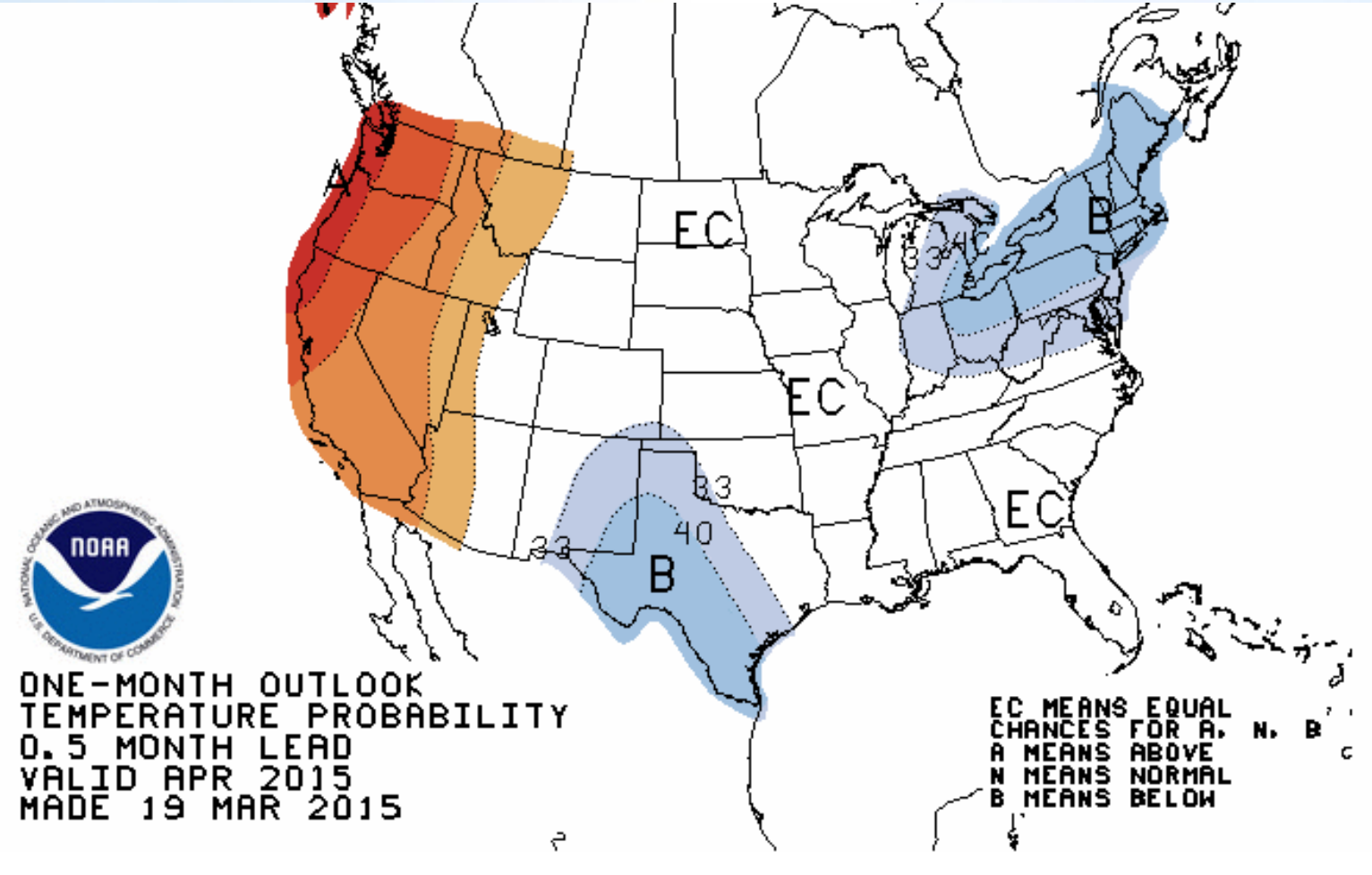
Temperatures across Lake County yesterday…
Avg High: 54°F Range: (47 - 58) Warmest: Upper Bohn North,

Temperatures across the county this morning…
Avg Low: 31°F Range: (27 - 35) Coldest: Scotts Valley

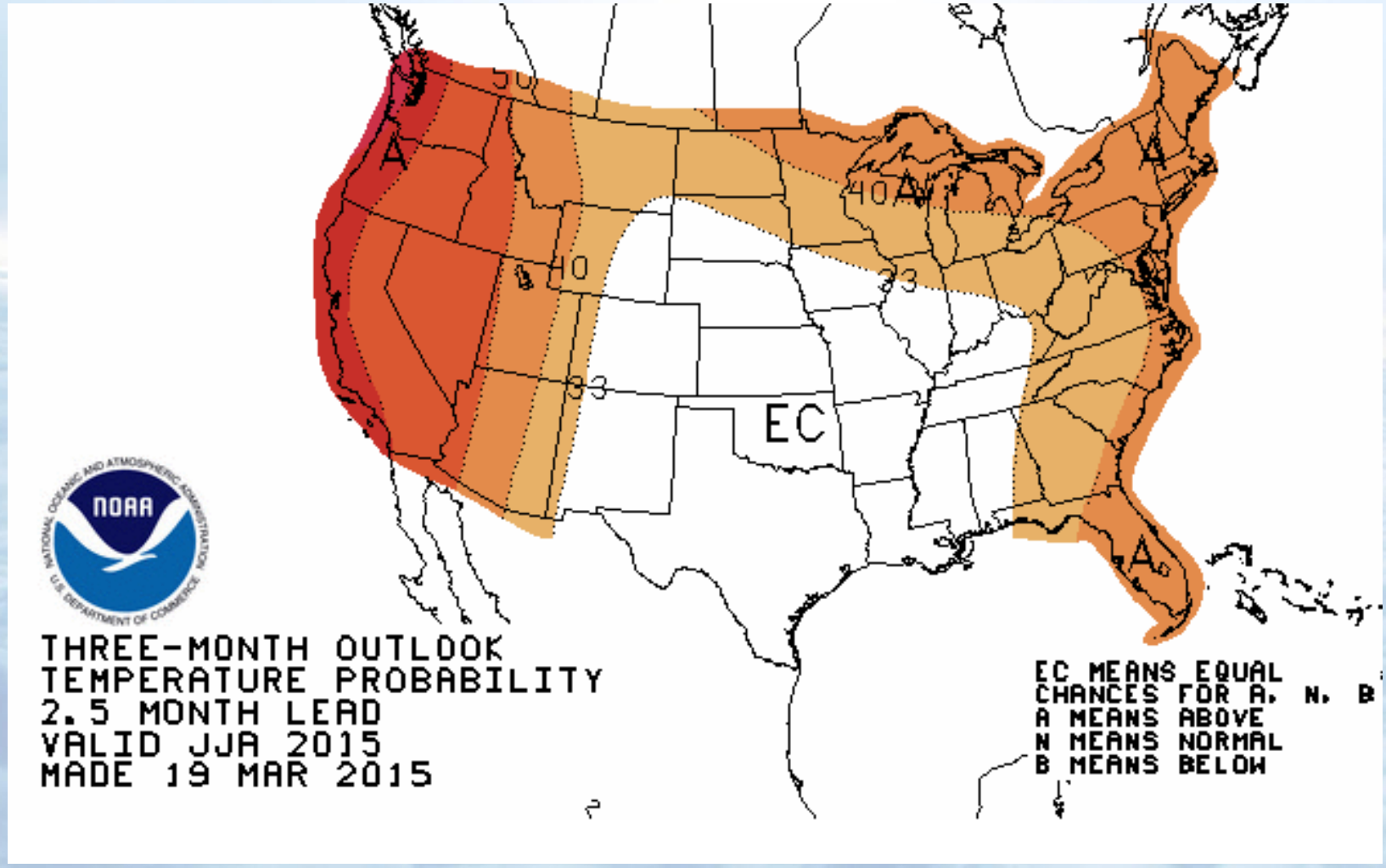
Rainfall Outlook for next 12 Months



Temperature Outlook April 2015

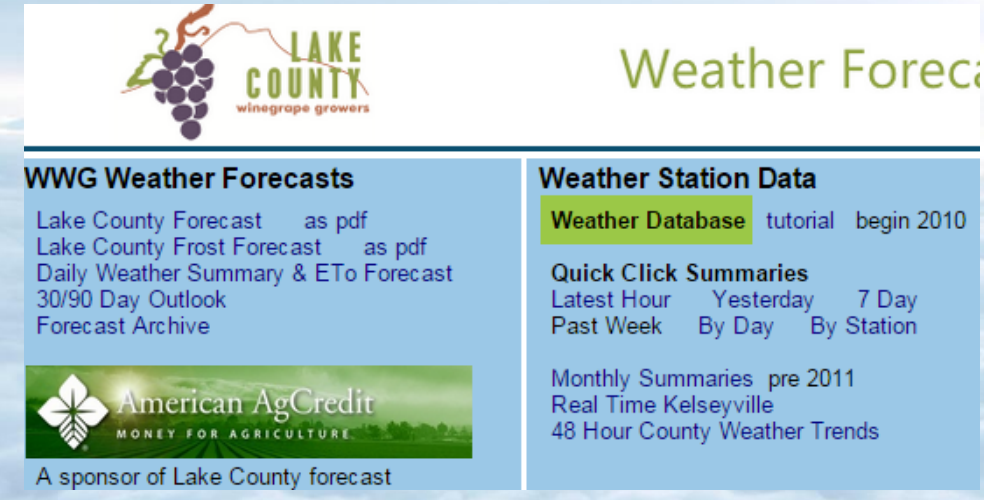


June, July and August 2015 & Beyond



New Report Options

www.westernwx.com/lakeco/index.htm



Monthly Summary Report

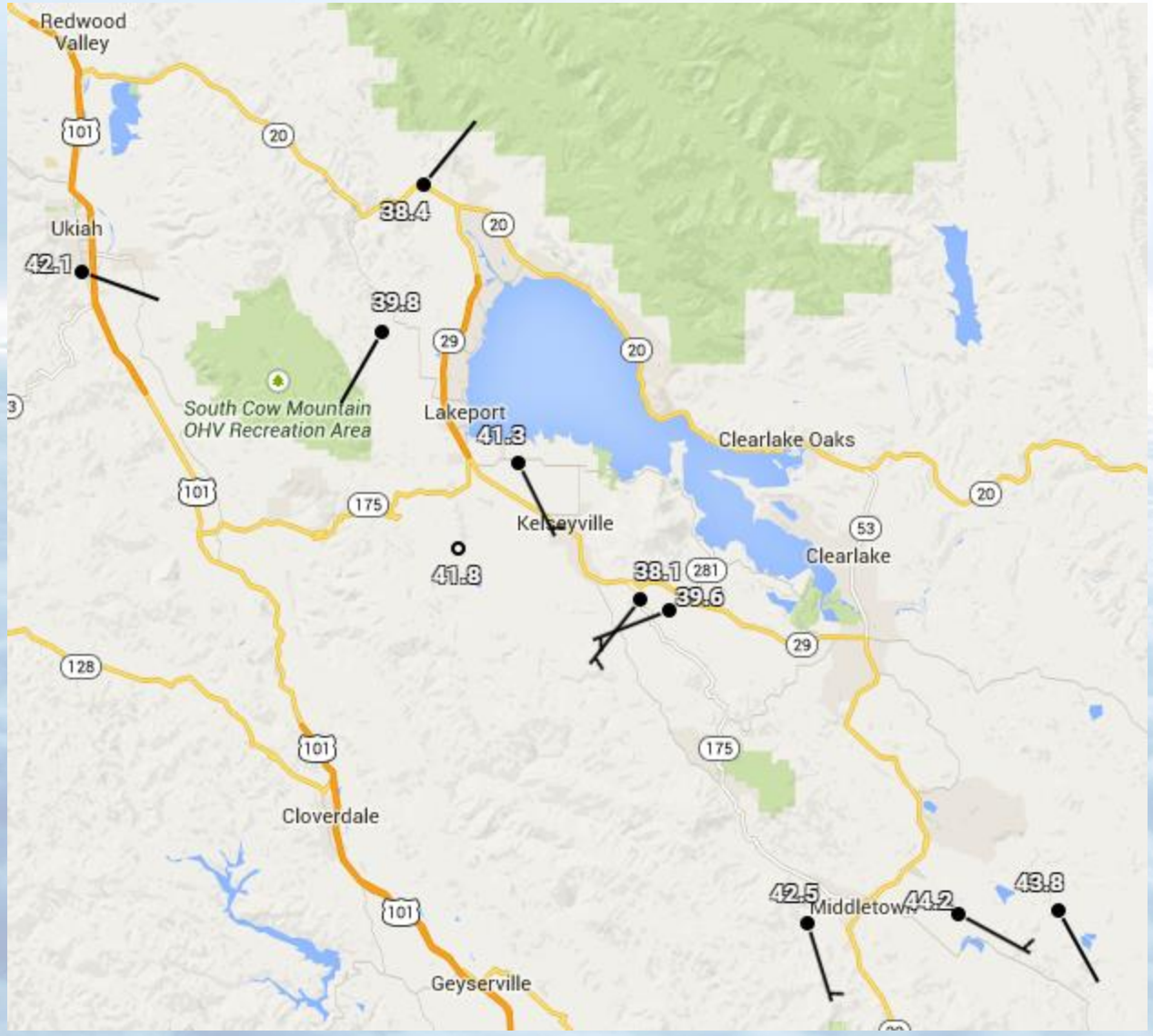
Montly Report
Generated For: Lake County Winegrape Commission
Red Hills 2 (RH2) 1/2014 - 12/2014
Generate: Excel

Date	Days	Avg Max Temp (F)	Avg Min Temp (F)	Max Max Temp (F)	Min Min Temp (F)	Min Temp< 28 Days	Min Temp< 32 Days	Max Temp> 90 Days	Max Temp> 100 Days	GDD 50F	CDD 65F	HDD 65F	Total Precip (in)	Precip> 0.01 Days	Precip> 0.1 Days
01/2014	31	66.7	42.5	78.3	34.9	0	0	0	0	160	0	322	0.36	4	1
02/2014	28	58.2	40.2	73.4	29.9	0	5	0	0	56	0	443	7.54	13	9
03/2014	31	63.5	43.0	76.9	34.2	0	0	0	0	129	0	364	4.08	14	9
04/2014	30	68.4	43.8	82.7	33.6	0	0	0	0	223	6	272	0.96	6	2
05/2014	31	75.9	47.6	87.8	37.6	0	0	0	0	365	52	152	0.02	2	0
06/2014	30	85.9	52.5	100.2	41.7	0	0	9	1	576	146	20	0.00	0	0
07/2014	31	92.8	57.5	102.3	49.4	0	0	23	1	780	315	0	0.00	0	0
08/2014	31	89.5	56.0	97.6	48.9	0	0	16	0	705	240	0	0.00	0	0
09/2014	30	85.3	52.5	95.3	43.8	0	0	12	0	568	148	30	0.45	4	2
10/2014	31	75.6	47.3	95.6	36.2	0	0	4	0	356	66	177	1.08	6	4
11/2014	30	61.8	39.6	78.6	31.8	0	1	0	0	72	0	428	2.93	10	7
12/2014	31	51.3	39.7	66.3	25.6	3	6	0	0	17	0	605	14.02	20	12
Average/Totals		73.0	46.9			3	12	64	2	3998	969	2814	31.44	79	46
Maximums		92.8	57.5	102.3		3	6	23	1	780	315	605	14.02	20	12
Minimums		51.3	39.6		66.3	0	0	0	0	17	0	0	0.00	0	0

www.westernwx.com/mobile/?group=mlake

Weather Station Details

Coming Soon



Temperature

- Temperature
- Max Temperature
- Min Temperature
- Dew Point
- Relative Humidity
- Wind Speed
- Wind Gust
- Precipitation Since Midnight
- Precipitation Last Hour
- None

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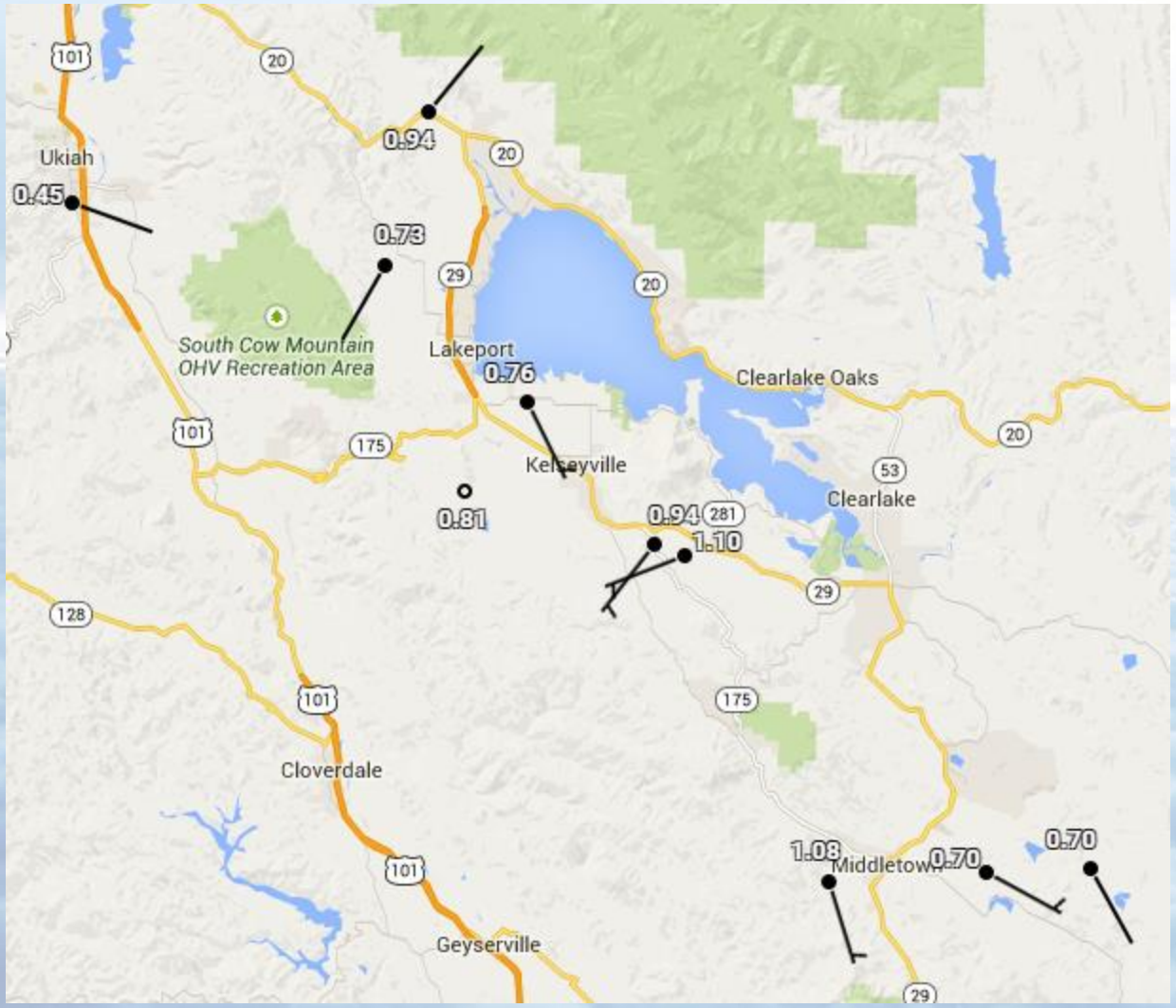
Rainfall since Midnight /Winds



Scotts Valley (SVL)

Timestamp	4/7/2015 @ 07:00 LT
Temperature	39.8
Max Temperature	44.7
Min Temperature	39.1
Dew Point Temperature	39.8
Relative Humidity	100
Wind:	
Speed	2
Gust	2
Direction	210
Precipitation:	
Since Midnight	0.00
Last Hour	0.73

7 Day Weather Summary

Lake County Weather Station

Original Campbell Scientific Weather Stations installed in Lake County in 1997 and still operating today – 18 years later

WA100 Series Weather Station

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