

# AFTERNOON FROST FORECAST

## FROST OUTLOOK FOR NAPA & SONOMA COUNTIES

PREPARED BY METEOROLOGIST ERIK MOLDSTAD

3:45 PM – March 3, 2015 from Precision Forecasting (800)-624-0499

### Current Weather & General Forecast

**Summary:** A ridge of high pressure moving on shore will keep a weak off shore flow over the region for the next few days. With dry air, clear skies, and light winds tonight temperatures should drop quickly in the valleys with patchy frost likely again.

**Current Weather:** Mostly clear skies.

**Current Temperatures:** mid 60's to lower 70's.

**Current Dew points:** mid 30's to lower 40's.

**Free Air Freezing Level:** 9,300 feet.

**Forecast:** Mostly clear skies and cool again in the valleys with areas of frost likely. Lows will be in the lower to mid 30's in the valleys and in the 40's in the foothills.

**Winds:** SW to 10 mph becoming Light and northerly overnight.

**Inversion:** Strong.

FORECASTS BY TYPE OF LOCATION	Frost Chance	Minimum Temps	Hours below 32F
<i>Frost pockets and sheltered valleys</i>	90%	27 to 30	2 to 4 hours
<i>Most open valley floor locations</i>	50%	30 to 35	0 to 2 hours
<i>Hillsides &amp; Sloped areas just above the valley floors</i>	0%	36 to 43	None
<i>Exposed hilltops and ridges above 1,000 feet</i>	0%	42 to 49	None

### Temperature forecasts for specific stations in the table

AM Low = minimum temperature observed this morning.

Station	AM Low	Tonight	Station	AM Low	Tonight
Hopland	--	33	Pope Valley-NW	31	31
Cloverdale-Asti	33	33	Pope Valley-SE	29	29
Geyserville	31	32	Angwin	44	47
Alexander Valley	31	31	Las Posadas	46	45
Knights Valley	29	30	Spring Mountain	45	45
Dry Creek Valley	31	32	Stagecoach	47	48
Chalk Hill Rd	30	30	North-Calistoga	30	30
South-Windsor	34	34	SE-Calistoga	30	30
North Graton	31	31	St. Helena	32	32
Sebastopol	32	33	Rutherford	31	32
Penngrove	33	34	Oakville West	35	34
Petaluma West	42	43	Yountville West	34	34
Kenwood	31	32	Oak Knoll East	32	32
Glen Ellen	34	34	Coombsville	33	32
Sonoma-West	35	34	Carneros	35	34