

# AFTERNOON FROST FORECAST

## FROST OUTLOOK FOR NAPA & SONOMA COUNTIES

PREPARED BY METEOROLOGIST ERIK MOLDSTAD

3:00 PM - March 4, 2009 from Precision Forecasting (800)-624-0499

### Summary & Forecast

An upper level trough along the Coast will move inland over the next 24 to 36 hours keeping the air mass quite cool over the North Bay Area. Temperatures tonight will likely be similar or a little cooler than those we saw last night. A weak disturbance will bring increasing cloudiness and a threat of showers to our area overnight keeping temperatures above freezing most of the night.

### Regional temperature differences

Temperatures will depend highly on the amount of cloud cover. Those areas that see significant clearing will see minimums in the lower to mid 30's, with mid or upper 30's where more cloudiness is experienced. At this point it looks like there will be more cloudiness in the southern and western part of the region.

Forecast by Micro-Climates	Minimum Temps	Frost Duration
Frost pockets & Sheltered Areas in the Valleys	30 to 35 degrees	0 to 4 hours
Most Valley Floor Locations below 500 feet elevation	32 to 37 degrees	0 to 2 hours
Hillsides & Elevated Areas up to 500 feet above valley floors	32 to 37 degrees	0 to 2 hours
Exposed higher terrain areas 500 to 1,500 feet	30 to 35 degrees	0 to 3 hours
Exposed higher terrain areas 1,500 to 2,500 feet	30 to 33 degrees	0 to 4 hours
Higher Valleys >1,000 feet elevation	29 to 32 degrees	1 to 6 hours

### SPECIFIC STATION TEMPERATURE FORECASTS

Location	This Morning	Tonight	Location	This Morning	Tonight
Boonville	35	34	Pope Valley	36	31
Cloverdale	37	34	Angwin	31	30
Alexander Valley	38	34	Stagecoach	36	33
Knights Valley	37	32	Calistoga	34	32
Dry Creek Valley	38	34	St. Helena	35	33
Santa Rosa	38	35	Rutherford	35	33
Graton	38	33	Oakville	36	34
Freestone FH	40	37	Yountville	34	32
Petaluma	38	36	North Napa	34	33
Kenwood	37	33	SE Napa	35	34
Sonoma	36	35	Carneros	--	35

© 2008, Precision Forecasting, LLC. All rights reserved. This report is protected by United States Copyright property laws and may not be reproduced, rewritten, distributed, transmitted, published or broadcast, in any medium, without the prior written permission of PF, LLC