

County of Los Angeles Fire Department Prevention Services Bureau / Forestry Division



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Live Fuel Moisture Summary

June 23, 2022

LOCATION	THOMAS GUIDE	SPECIES	LIVE FUEL MOISTURE		
			CURRENT	PREVIOUS	%CHANGE
LOS ANGELES BASIN					
GLENDORA RIDGE, GLENDORA	569 E1	CHAMISE	83%	85%	-2.4%
LA TUNA CANYON, TUJUNGA	503 J5	CHAMISE	80%	83%	-3.6%
LAUREL CANYON, MT. OLYMPUS	593 A1	CHAMISE	71%	68%	4.4%
GLENDORA RIDGE, GLENDORA	569 E1	HOARYLEAF CEANOTHUS	69%	94%	-26.6%
SANTA MONICA MOUNTAINS					
STUNT ROAD, CALABASAS	589 D5	CHAMISE	81%	84%	-3.6%
SCHUEREN ROAD, MALIBU	629 E1	CHAMISE	74%	75%	-1.3%
TRIPPET RANCH, TOPANGA	590 B6	CHAMISE	67%	68%	-1.5%
TRIPPET RANCH, TOPANGA	590 B6	BLACK SAGE	102%	150%	-32%
SANTA CLARITA VALLEY					
BITTER CANYON, CASTAIC	4370 A4	CHAMISE	83%	71%	16.9%
BOUQUET CANYON, SAUGUS	4461 G1	CHAMISE	70%	71%	-1.4%
BITTER CANYON, CASTAIC	4370 A4	BLACK SAGE	75%	115%	-34.8%
BITTER CANYON, CASTAIC	4370 A4	PURPLE SAGE	90%	90%	0%
BITTER CANYON, CASTAIC	4370 A4	CALIFORNIA SAGEBRUSH	106%	97%	9.3%
HIGH COUNTRY					
TEMPLIN HIGHWAY, CASTAIC	4279 A3	CHAMISE	80%	85%	-5.9%
TANBARK FLATS, GLENDORA	540 F2	CHAMISE	93%	91%	2.2%
TANBARK FLATS, GLENDORA	540 F2	HOARYLEAF CEANOTHUS	81%	97%	-16.5%

SUMMARY	CURRENT	PREVIOUS	%CHANGE
LOS ANGELES BASIN CHAMISE (average)	78%	83%	-5.5%
SANTA MONICA MOUNTAINS CHAMISE (average)	74%	78%	-4.8%
SANTA CLARITA VALLEY CHAMISE (average)	77%	71%	7.7%
HIGH COUNTRY CHAMISE (average)	87%	89%	-2.8%
ALL AREAS ALL FUELS (average)	82%	89%	-8.5%

- LFM is calculated by the formula (Live Sample Weight–Dry Sample Weight)/Dry Sample Weight.
- 60% is generally recognized as approaching a critical level of live-fuel moisture.
- Sampling date: Los Angeles Basin sites were sampled 6/22/22, Santa Monica Mountains 5/22/22, Santa Clarita Valley 6/21/22, and High Country sites 6/21/22.

LIVE FUEL MOISTURE SUMMARY / FIRE DANGER ZONE DISCUSSION

Live Fuel Sampling is being reestablished at 4 Historic sites: Woolsey Canyon, Tanbark Flats, Templin Highway & Soledad Road. The addition of these sites will allow for the tracking of LFM in the High Country and Los Angeles Basin. The Santa Monica Mountains, Santa Clarita Valley and All Areas All Fuels Data sets and Graphs remain unchanged by these additions.

On average we are seeing Live Fuel Moisture values across all areas in Los Angeles County are declining, reflecting the 1981-present the trend line. We are currently seeing all plant species sampled in Los Angeles County setting seed.