

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



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## Live Fuel Moisture Summary July 13, 2022

LOCATION	THOMAS GUIDE	SPECIES	LIVE FUEL MOISTURE		
			CURRENT	PREVIOUS	%CHANGE
<b>LOS ANGELES BASIN</b>					
GLENDORA RIDGE, GLENDORA	569 E1	CHAMISE	70%	83%	-15.7%
LA TUNA CANYON, TUJUNGA	503 J5	CHAMISE	72%	80%	-10%
LAUREL CANYON, MT. OLYMPUS	593 A1	CHAMISE	70%	71%	-1.4%
GLENDORA RIDGE, GLENDORA	569 E1	HOARYLEAF	58%	69%	-15.9%
<b>SANTA MONICA MOUNTAINS</b>					
STUNT ROAD, CALABASAS	589 D5	CHAMISE	75%	81%	-7.4%
SCHUEREN ROAD, MALIBU	629 E1	CHAMISE	71%	74%	-4.1%
TRIPPET RANCH, TOPANGA	590 B6	CHAMISE	65%	67%	-3%
TRIPPET RANCH, TOPANGA	590 B6	BLACK SAGE	80%	102%	-21.6%
<b>SANTA CLARITA VALLEY</b>					
BITTER CANYON, CASTAIC	4370 A4	CHAMISE	81%	83%	-2.4%
BOUQUET CANYON, SAUGUS	4461 G1	CHAMISE	66%	70%	-5.7%
BITTER CANYON, CASTAIC	4370 A4	BLACK SAGE	77%	75%	2.7%
BITTER CANYON, CASTAIC	4370 A4	PURPLE SAGE	67%	90%	-25.6%
BITTER CANYON, CASTAIC	4370 A4	CALIFORNIA SAGEBRUSH	81%	106%	-23.6%
<b>HIGH COUNTRY</b>					
TEMPLIN HIGHWAY, CASTAIC	4279 A3	CHAMISE	73%	80%	-8.8%
TANBARK FLATS, GLENDORA	540 F2	CHAMISE	80%	93%	-14%
TANBARK FLATS, GLENDORA	540 F2	HOARYLEAF CEANOTHUS	58%	81%	-28.4%
<b>SUMMARY</b>			<b>CURRENT</b>	<b>PREVIOUS</b>	<b>%CHANGE</b>
LOS ANGELES BASIN CHAMISE (average)			71%	78%	-9.4%
SANTA MONICA MOUNTAINS CHAMISE (average)			70%	77%	-8.1%
SANTA CLARITA VALLEY CHAMISE (average)			74%	77%	-3.9%
HIGH COUNTRY CHAMISE (average)			77%	87%	-11.6%
ALL AREAS ALL FUELS (average)			72%	82%	-12.5%

- 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 7/11/22, Santa Monica Mountains 7/12/22, Santa Clarita Valley 7/12/22, and High Country sites 7/12/22.

### 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.