

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



Vegetation Management Unit  
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## Live Fuel Moisture Summary November 18, 2021

LOCATION	THOMAS GUIDE	SPECIES	LIVE FUEL MOISTURE		
			CURRENT	PREVIOUS	%CHANGE
<b>LOS ANGELES BASIN</b>					
GLENDORA RIDGE, GLENDORA	569 E1	CHAMISE	66%	67%	-1.5%
LA TUNA CANYON, TUJUNGA	503 J5	CHAMISE	66%	63%	4.8%
LAUREL CANYON, MT. OLYMPUS	593 A1	CHAMISE	74%	62%	19.4%
WOOLSEY CANYON, CHATSWORTH	499 C7	CHAMISE	N/A	N/A	N/A
GLENDORA RIDGE, GLENDORA	569 E1	HOARYLEAF CEANOTHUS	68%	66%	3%
<b>SANTA MONICA MOUNTAINS</b>					
CLARK MOTORWAY, MALIBU	586 G7	CHAMISE	N/A	N/A	N/A
STUNT ROAD, CALABASAS	589 D5	CHAMISE	66%	57%	15.8%
SCHUEREN ROAD, MALIBU	629 E1	CHAMISE	82%	65%	26.2%
TRIPPET RANCH, TOPANGA	590 B6	CHAMISE	74%	62%	19.4%
CLARK MOTORWAY, MALIBU	586 G7	BIGPOD CEANOTHUS	N/A	N/A	N/A
TRIPPET RANCH, TOPANGA	590 B6	BLACK SAGE	174%	109%	59.6%
<b>SANTA CLARITA VALLEY</b>					
BITTER CANYON, CASTAIC	4370 A4	CHAMISE	78%	77%	1.3%
PEACH MOTORWAY, SANTA CLARITA	4640 J5	CHAMISE	N/A	N/A	N/A
PLACERITA CANYON, SANTA CLARITA	4642 B2	CHAMISE	N/A	N/A	N/A
BOUQUET CANYON, SAUGUS	4461 G1	CHAMISE	60%	59%	1.7%
BITTER CANYON, CASTAIC	4370 A4	BLACK SAGE	44%	67%	-34.3%
BITTER CANYON, CASTAIC	4370 A4	PURPLE SAGE	68%	73%	-6.8%
BITTER CANYON, CASTAIC	4370 A4	CALIFORNIA SAGEBRUSH	86%	101%	-14.9%
<b>HIGH COUNTRY</b>					
TEMPLIN HIGHWAY, CASTAIC	4279 A3	CHAMISE	74%	72%	2.8%
SOLEDAD CANYON RD, ACTON	4464 B7	CHAMISE	N/A	N/A	N/A
TANBARK FLATS, GLENDORA	540 F2	CHAMISE	74%	69%	7.2%
TANBARK FLATS, GLENDORA	540 F2	HOARYLEAF CEANOTHUS	74%	61%	21.3%
<b>SUMMARY</b>					
LOS ANGELES BASIN CHAMISE (average)			69%	64%	7.3%
SANTA MONICA MOUNTAINS CHAMISE (average)			74%	61%	20.7%
SANTA CLARITA VALLEY CHAMISE (average)			69%	68%	1.5%
HIGH COUNTRY CHAMISE (average)			74%	71%	5%
ALL AREAS ALL FUELS (average)			77%	71%	8.7%

- 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 11/15/21 (La Tuna site burned over during La Tuna Incident in September 2017; Woolsey Site burned over during Woolsey Incident in November 2018), Santa Monica Mountains 11/17/21 (Clark Motorway site burned over during Woolsey Incident in November 2018), Santa Clarita Valley 11/16/21 (Peach Motorway site burned over during Calgrove Incident in June 2015; Placerita Canyon site burned over during Sand Incident in July 2016), and High Country sites 11/15/21 (Soledad Canyon site burned over during Sand Incident in July 2016).

### 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 increasing, reflecting the 1981-present the trend line. Species sampled across the county have set seed and are moving into dormancy phase; annuals have fully cured.