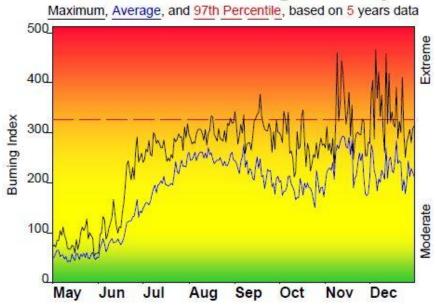
FIRE DANGER -- High Country



Fire Danger Area:

- High Country Zone
- Mostly Winthin ANF
- Camp 9 & Whitaker RAWS
 - * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

EXTREME -- Use extreme caution

High -- Watch for change

Moderate -- Lower Potential, but always be aware

Maximum -- Highest Burning Index by day for 2016 - 2021

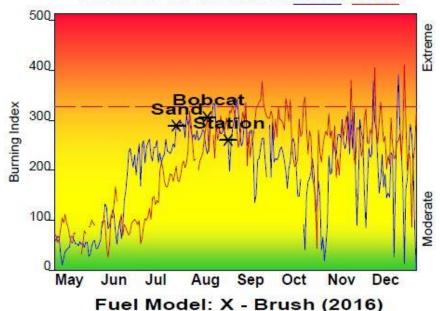
Average -- shows peak fire season over 5 years (1202 observations) 97th Percentile -- 3% of the 1202 days from 2016 - 2021

had an Burning Index above 327

Local Thresholds - Watch out: Combinations

of any of these factors can greatly increase fire behavior: 20' Wind Speed over 15 mph, RH less than 25%, Temperature over 75, Burning Index over 294

Years to Remember: 2016 2020



Remember what Fire Danger tells you:

✓Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.

Wind is part of BI calculation.

√Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.

Listen to weather forecasts -- especially WIND.

Past Experience:

Wind Driven Fire Can Produce:

Rates of Spread >80 ch/hr

Spotting up to 0.5 - 1 Miles ahead of the fire front.

Eve Level Winds > 7 MPH

Live Fuel Moistures < 75%

Fine Fuel Moistures < 5%

Active night burning conditions with RH < 25%

Non-Wind Driven Fires: Mature fuel beds 20+ years of growth Identify the alignment of wind, slope and solar pre heating

Responsible Agency: Los Angeles County Fire

FF+5.0 build 20191211 07/01/2022-17:39 (C:\Users\Garrett Ha...\2022 master

High Country Forecast Zone Pocket Card 2022

BI 294 327+ Extreme Intensity Fire Behavior: (Wind and or Instability)
PERCENTILE 90% to 100% Associated with Fire Weather Watch and Red Flag Conditions.

Fire Behavior: Rapid fire growth should be anticipated with high rates of spread.

Significant spotting up to 3 miles with an exponentially expanding fire environment. Flame Length 50+ feet..

Key Indicators: Temps > 80 degrees; Wind > 15 − 35+ mph; RH < 15%; 10HR DFM ≤3; LFM 80% -50%

Unstable Conditions = Abnormal Hot and Dry with little to no wind with critically dry live and dead fuels. (July-September)

Plume dominated Fire Conditions.

Targeted Months: August thru December.

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 5000 plus acre potential within the first 4 hours.

BI 200 293 Moderate Intensity Fire Behavior: Associated with periods of hot, dry weather, light to moderate winds and spotting ½ -1 mile.

Fire Behavior: Fires are mainly topography driven with Westerly wind alignment features in the summer. Steep topography leads to containment challenges due to roll out and re alignment to head fire.

Key Indicators: Temps 85- 110 degrees; Wind 5- 15 mph; RH: 10%- 30%.. 10HR DFM >3-7%.. LFM 80% to 60% Unstable Conditions = Hot and Dry with little to no wind with dry live and dead fuels. (July-September)LAL 2&6

Targeted Months: July thru December

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 250 - 5000 plus acres.

BI	50	199	Low Fire Behavior Intensity: Routine weather for the area.
			Spotting up to ½ mile

Fire Behavior: Fires are mainly topography dominated with slow to moderate rates of spread. Alignment of forces must be identified on routine weather days. Slope, Wind and Solar pre heating.

Key Indicators: Temps > 70 - 90 degrees; Wind 5 - 20 mph; RH 25%- 40%; 10 HR DFM 5-9%; LFM 120% -60%

Targeted Months: May thru December

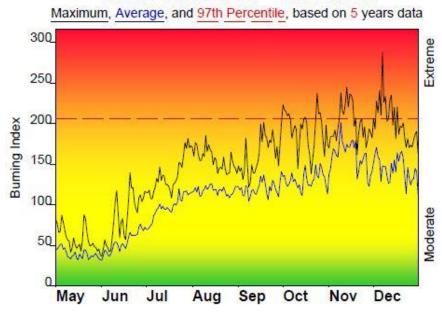
Engagement Tactical Options: Heel and Flank Suppression. Fires routinely held to topographic features with

suppression activity. Identify Structure Defense needs.

Fire Size Class: 5 - 250 plus acres.

Revision Date: 6//1/2022 By: LAC Fire Behavior Team: G.Hazleton LTAN / D.Smith FBAN

FIRE DANGER -- LA Basin



Fire Danger Area:

- LA Basin
- Whitter, San Rafael Hills
- Tonner Cyn, Claremont
 - * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

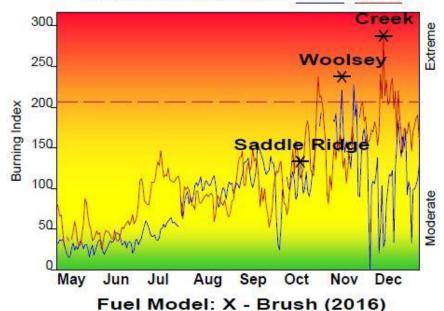
EXTREME -- Use extreme caution
High -- Watch for change

Moderate -- Lower Potential, but always be aware

Maximum -- Highest Burning Index by day for 2016 - 2021 Average -- shows peak fire season over 5 years (1202 observations) 97th Percentile -- 3% of the 1202 days from 2016 - 2021 had an Burning Index above 206

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior: 20' Wind Speed over 15 mph, RH less than 20%, Temperature over 85, Burning Index over 177

Years to Remember: 2019 2017



Remember what Fire Danger tells you:

- Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.
- Wind is part of BI calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- Listen to weather forecasts -- especially WIND.

Past Experience:

Rates of Spread > 160 ch/hr
Spotting up to 0.5-1 Mile Ahead of Fire Front
Eye Level Wind Speed > 7 MPH
Live Fuel Moistures < 75%
Fine Fuel Moistures < 5%
Active Night Burning Conditions with RH < 30%
Non- Wind Driven Fires: Look for variation on the fire ground Identify the alignment of wind, slope, and solar pre-heating

Responsible Agency: Los Angeles County Fire FF+5.0 build 20191211 07/01/2022-17:42 (C:\Users\Garrett Ha...\2022 master

Los Angeles Basin Forecast Zone Pocket Card 2022

BI 177 206+ Extreme Intensity Fire Behavior:
PERCENTILE 90% to 100% Associated with Fire Weather Watch and Red Flag Conditions.

Fire Behavior: Rapid fire growth should be anticipated with high rates of spread.

Significant spotting up to 3 miles with an exponentially expanding fire environment. Flame Length 50+ feet **Key Indicators:** Temps > 80 degrees; Wind >15 - 35 mph; RH < 15%; 10HR DFM <3; LFM 80% -50%

Targeted Months: September thru December

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 8000 plus acre potential within the first 4 hours.

BI 111 176 Moderate Intensity Fire Behavior: Associated with periods of hot, dry weather, light to moderate winds.

Fire Behavior: Fires are mainly topography driven with Westerly wind alignment features. Instability features may exist with fuels dominated fires leading to a plume dominated fire environment. Spotting ½ - 1 mile

Key Indicators: Temps 75- 100 degrees; Wind 5- 15 mph; RH: 15%- 30%.. 10HR DFM >5-7%.. LFM 80% to 60%

Targeted Months: July thru January (October - December BI Range 150 + YOU MAY BE TRENDING TOWARD a High Risk Day)

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 250 - 1500 plus acres.

BI 40 110 Low Fire Behavior Intensity: Routine weather for the area

Fire Behavior: Fires are mainly topography dominated with slow to moderate rates of spread. Alignment of forces must be identified on routine weather days. Slope, Wind and Solar pre heating.

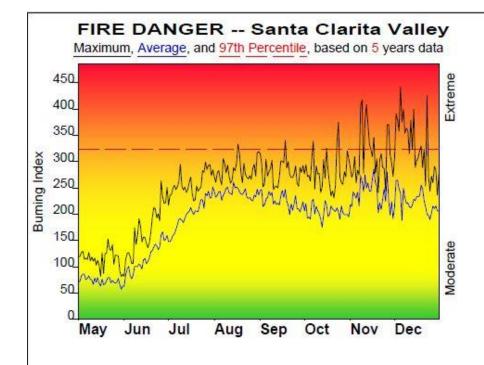
Key Indicators: Temps > 70 - 90 degrees; Wind 5 - 20 mph; RH < 25% - 50%; 10 HR DFM 5-12%; LFM 120% -60%

Targeted Months: May thru January

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 5 - 250 plus acres.

Revision Date: 7/1/2022 NFDRS 2016v By: LAC Fire Behavior Team: G.Hazleton LTAN / D.Smith FBAN



Fire Danger Area:

- Santa Clarita Valley
- BN 6 & 22
- Newhall Pass
 - * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

EXTREME -- Use extreme caution

High -- Watch for change

Moderate -- Lower Potential, but always be aware

Maximum -- Highest Burning Index by day

for 2016 - 2021

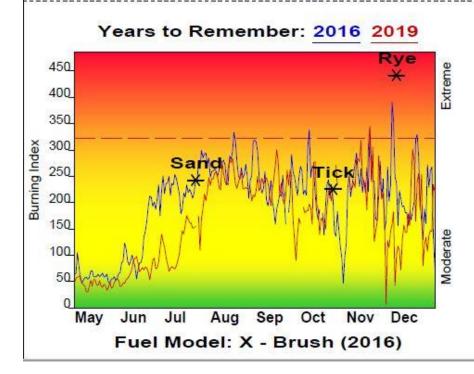
Average -- shows peak fire season over 5 years (1202 observations)

97th Percentile -- 3% of the 1202 days from 2016 - 2021

had an Burning Index above 323

Local Thresholds - Watch out: Combinations

of any of these factors can greatly increase fire behavior: 20' Wind Speed over 15 mph, RH less than 25%, Temperature over 90, Burning Index over 279



Remember what Fire Danger tells you:

Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.

Wind is part of BI calculation.

Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.

Listen to weather forecasts -- especially WIND.

Past Experience:

Wind Driven Fire Can Produce:

Rates of Spread > 160 ch/hr

Spotting up to 0.5-1 Mile ahead of fire front.

Eye Level Winds > 7 MPH

Live Fuel Moistures < 75%

Fine Fuel Moistures < 5%

Active night burning conditions with RH <30%

Non- Wind Driven Fires: Look for variation on the fire ground Identify the alignment of wind, slope, and solar pre-heating

Responsible Agency: Los Angeles County Fire

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Santa Clarita Forecast Zone Pocket Card 2022

BI 279 323+ Extreme Intensity Fire Behavior: (Wind and or Instability)
PERCENTILE 90% to 100% Associated with Fire Weather Watch and Red Flag Conditions.

Fire Behavior: Rapid fire growth should be anticipated with high rates of spread.

Significant spotting up to 3 miles with an exponentially expanding fire environment. Flame Length 50+ foot.. **Key Indicators:** Temps > 80 degrees; Wind >15 – 35+ mph; RH < 15%; 10HR DFM <3; LFM 80% -50%

Unstable Conditions = Abnormal Hot and Dry with little to no wind with critically dry live and dead fuels. (July-September)

Plume dominated Fire Conditions.....LAL 2&6
Targeted Months: August thru December.

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 5000 plus acre potential within the first 4 hours.

BI 161 278 Moderate Intensity Fire Behavior: Associated with periods of hot, dry weather, light to moderate winds and spotting ½ -1 mile.

Fire Behavior: Fires are mainly topography driven with Westerly wind alignment features in the summer. Instability features may exist with fuels dominated fires leading to a plume dominated fire environment.

Key Indicators: Temps 85- 110 degrees; Wind 5- 15 mph; RH: 10%- 30%.. 10HR DFM >3-7%.. LFM 80% to 60% Unstable Conditions = Hot and Dry with little to no wind with dry live and dead fuels. (July-September)LAL 2&6

Targeted Months: July thru December

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 250 - 5000 plus acres.

BI	55	160	Low Fire Behavior Intensity: Routine weather for the area.
			Spotting up to ½ mile

Fire Behavior: Fires are mainly topography dominated with slow to moderate rates of spread. Alignment of forces must be identified on routine weather days. Slope, Wind and Solar pre heating.

Key Indicators: Temps > 70 - 90 degrees; Wind 5 - 20 mph; RH 25%- 40%; 10 HR DFM 5-9%; LFM 120% -60%

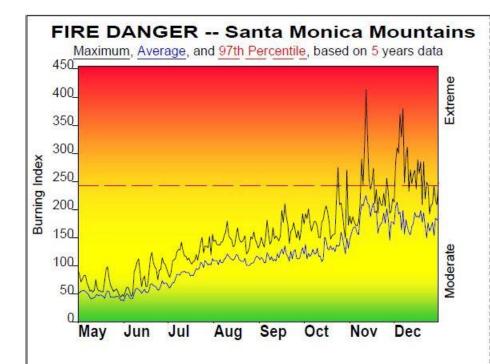
Targeted Months: May thru December

Engagement Tactical Options: Heel and Flank Suppression. Fires routinely held to topographic features with

suppression activity. Identify Structure Defense needs.

Fire Size Class: 5 - 250 plus acres.

Revision Date: 6//1/2022 By: LAC Fire Behavior Team: G.Hazleton LTAN / D.Smith FBAN



Fire Danger Area:

- Santa Monica Mountains
- BN 5
- Inland and Costal Areas

 * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

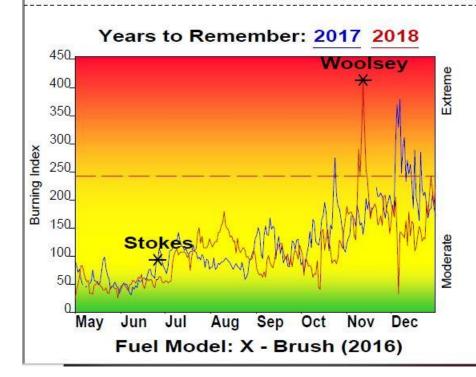
EXTREME -- Use extreme caution

High -- Watch for change

Moderate -- Lower Potential, but always be aware

Maximum -- Highest Burning Index by day for 2016 - 2021 Average -- shows peak fire season over 5 years (1203 observations) 97th Percentile -- 3% of the 1203 days from 2016 - 2021 had an Burning Index above 242

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior: 20' Wind Speed over 30 mph, RH less than 20%, Temperature over 80, Burning Index over 192



Remember what Fire Danger tells you:

✓Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.

Wind is part of BI calculation.

✓Watch local conditions and variations across the landscape -- Fuel, Weather, Topography. ✓Listen to weather forecasts -- especially WIND.

Past Experience:

Wind Driven Fires Can Produce:
Rates of Spread > 160 ch/hr
Spotting up to 1-3 Mile Ahead of the fire front
Eye Level Wind Speed > 15 MPH
Live Fuel Moistures < 75%
Fine Fuel Moistures < 5%
Active Night Burning Conditions with RH < 30%
Non-Wind Driven Fires: Mature fuel beds 20+ years of growth
Identify the alignment of wind, slope and solar pre heating

Responsible Agency: Los Angeles County Fire FF+5.0 build 20191211 07/04/2022-16:28 (C:\Users\Garrett Ha...\2022 master

Santa Monica Mountains Forecast Zone Pocket Card 2022

BI 192 242+ Extreme Intensity Fire Behavior:
PERCENTILE 90% to 100% Associated with Fire Weather Watch and Red Flag Conditions.

Fire Behavior: Rapid fire growth should be anticipated with high rates of spread.

Significant spotting up to 3 miles with an exponentially expanding fire environment. Flame Length 50+ feet... **Key Indicators:** Temps > 80 degrees; Wind >15 - 35 mph; RH < 15%; 10HR DFM < 3%...LFM 80% -50%

Targeted Months: September thru December

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 8000 plus acre potential within the first 4 hours.

BI 150 191 Moderate Intensity Fire Behavior: Associated with periods of hot, dry weather, light to moderate winds and spotting ½ -1 mile.

Fire Behavior: Fires are mainly topography driven with Westerly wind alignment features in the summer. Trending into a Fire Weather Watch and light offshore winds in early Fall and Winter with low dead and live fuels will produce an aggressive fire.

Key Indicators: Temps 75- 100 degrees; Wind 5- 15 mph; RH: 15%- 30%.. 10HR DFM >5-7%.. LFM 80% to 60% **Targeted Months:** July thru December (October thru December a BI of 175 or greater may be trending toward a Fire Weather Watch)

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 250 - 1500 plus acres.

BI	50	149	Low Fire Behavior Intensity: Routine weather for the area.
	*		Spotting up to ½ mile

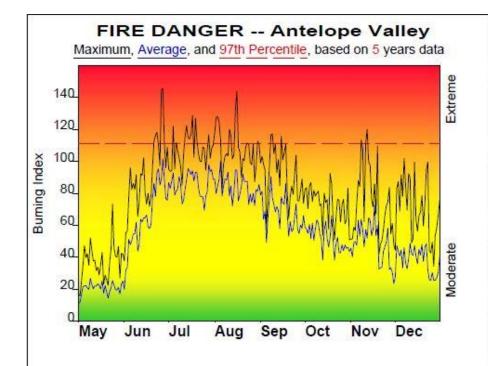
Fire Behavior: Fires are mainly topography dominated with slow to moderate rates of spread. Alignment of forces must be identified on routine weather days. Slope, Wind and Solar pre heating.

Key Indicators: Temps > 70 - 90 degrees; Wind 5 - 20 mph; RH < 25% - 50%; 10 HR DFM 5-12%; LFM 120% -60%

Targeted Months: May thru December.

Engagement Tactical Options: Heel and Flank Suppression. Fires routinely held to topographic features with suppression activity. Identify Structure Defense needs.

Fire Size Class: 5 - 250 plus acres.



Fire Danger Area:

- Antelope Valley Zone
- BN 11 & 17
- AV WX Stations
 - * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

EXTREME -- Use extreme caution

High -- Watch for change

Moderate -- Lower Potential, but always be aware

Maximum -- Highest Burning Index by day

for 2016 - 2021

Average -- shows peak fire season over 5 years (1201 observations)

97th Percentile -- 3% of the 1201 days from 2016 - 2021

had an Burning Index above 111

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:

20' Wind Speed over 10 mph, RH less than 15%, Temperature over 90, Burning Index over 97

140. 120. Lake X 100. 80. 40. 20. Powerhouse

Aug

Fuel Model: V - Grass (2016)

Oct

May

Dec

Nov

Years to Remember: 2016 2019

Remember what Fire Danger tells you:

Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.

Wind is part of BI calculation.

Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.

Listen to weather forecasts -- especially WIND.

Past Experience:

Wind Driven Fires Can Produce:
Rates of Spread > 120 ch/hr
Spotting up to .5-1 Mile Ahead of the fire front
Eye Level Wind Speed > 7 MPH
Live Fuel Moistures < 75%
Fine Fuel Moistures < 5%
Active Night Burning Conditions with RH < 30%

Responsible Agency: Los Angeles County Fire FF+5.0 build 20191211 07/01/2022-17:37 (C:\Users\Garrett Ha...\2022 master

Antelope Valley Zone Pocket Card 2022

BI 97 111+ Extreme Intensity Fire Behavior: (Wind and or Instability)
PERCENTILE 90% to 100% Associated with Fire Weather Watch and Red Flag Conditions.

Fire Behavior: Rapid fire growth should be anticipated with high rates of spread.

Significant spotting up to 1 mile with an exponentially expanding fire environment. Flame Length 25+ feet.. **Key Indicators:** Temps > 80 degrees; Wind >15 – 35+ mph; RH < 15%; 10 HR DFM <3; LFM 80% -50%

Unstable Conditions = Abnormal Hot and Dry with little to no wind with critically dry live and dead fuels. (July-September)

Plume dominated Fire Conditions. LAL-2 and 6 where fire transitions to heavier fuel beds.

Targeted Months: May thru October.

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 5000 plus acre potential within the first 4 hours.

BI 70 96 Moderate Intensity Fire Behavior: Associated with periods of hot, dry weather, light to moderate winds and spotting ½ -1 mile.

Fire Behavior: Fires are mainly wind and topography driven with Westerly wind alignment features in the early to late Summer. Instability features may exist with fuels dominated fires leading to a plume dominated fire environment where fire transitions into heavier fuel beds. (Heads up on days with LAL-2 and 6).

Key Indicators: Temps 85- 110 degrees; Wind 5- 15 mph; RH: 10%- 20%.. 10 HR DFM >3-7%.. LFM 80% to 60%

Targeted Months: July thru January

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 250 - 5000 plus acres.

BI	20	69	Low Fire Behavior Intensity: Routine weather for the area.
			Spotting up to 1/4 mile.

Fire Behavior: Fires are mainly topography dominated with slow to moderate rates of spread. Alignment of forces must be identified on routine weather days. Slope, Wind and Solar pre heating.

Key Indicators: Temps > 70 - 90 degrees; Wind 5 - 20 mph; RH 25%- 40%; 10 HR DFM 5-9%; LFM 120% -60%

Targeted Months: May thru January

Engagement Tactical Options: Heel and Flank Suppression. Fires routinely held to topographic and road features with suppression activity. Identify Structure Defense needs.

Fire Size Class: 5 - 250 plus acres.

FIRE DANGER -- Catalina Island Maximum, Average, and 97th Percentile, based on 5 years data 300 250 100 100 50

Fire Danger Area:

- Catalina Island
- Ridge Top
- Dakin Peak RAWS
 - * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

EXTREME -- Use extreme caution
High -- Watch for change

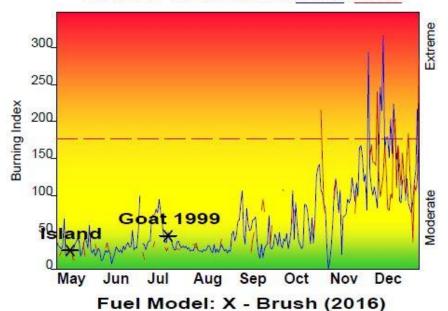
Moderate -- Lower Potential, but always be aware

Maximum -- Highest Burning Index by day for 2016 - 2021 Average -- shows peak fire season over 5 years (785 observations) 97th Percentile -- 3% of the 785 days from 2016 - 2021 had an Burning Index above 177

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior: 20' Wind Speed over 15 mph, RH less than 25%, Temperature over 75, Burning Index over 127

Years to Remember: 2017 2020

Dec



Remember what Fire Danger tells you:

Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.

Wind is part of BI calculation.

✓ Watch local conditions and variations across
the landscape -- Fuel, Weather, Topography.

✓ Listen to weather forecasts -- especially WIND.

Past Experience:

Wind Driven Fires Can Produce:
Rates of Spread > 160 ch/hr
Spotting up to 0.5-1 Mile Ahead of Fire Front
Eye Level Winds > 7 MPH
Live Fuel Moistures < 75%
Fine Fuel Moistures < 5%
Active Night Burning Conditions with RH < 15%
Non- Wind Driven Fires: Mature fuel beds 20+ years of growth Identify the alignment of wind, slope and solar pre-heating

Responsible Agency: Los Angeles County Fire Department FF+5.0 build 20191211 07/01/2022-17:35 (C:\Users\Garrett Ha...\2022 master

Catalina Island Forecast Zone Pocket Card 2022

BI 127 177+ Moderate to High Intensity Fire Behavior:
PERCENTILE 90% to 100% May not be accociated with a Fire Weather Watch and Red Flag Conditions.

Fire Behavior: Increased fire growth should be anticipated with rates of spread at 1 mile an hour. Spotting ½ to 1 mile.

Flame Length 30+ feet.

Key Indicators: Temps > 80 degrees; Wind >15 - 35 mph; RH < 15%; 10 HR DFM \leq 5; LFM 100% -50% The abundance of old growth fuels on the island will significantly contribute to a high resistance to control.

Targeted Months: May thru December

Engagement Tactical Options: Heel and Flank Suppression. Identify Structure Defense and Evacuations.

Fire Size Class: 1500 plus acre potential within the first 4 hours.

BI 80 126 Moderate Intensity Fire Behavior: Associated with periods of hot, dry weather, light to moderate winds and short range spotting

Fire Behavior: Fires are mainly topography driven with Westerly wind alignment features.

Key Indicators: Temps 75- 100 degrees; Wind 5- 15 mph; RH: 15%- 30%.. 10 HR DFM >5-7%.. LFM 80% to 60%

Targeted Months: May thru December

Engagement Tactical Options: Heel and Flank Suppression fires are routinely held to topographic and road features.

Identify Structure Defense and Evacuations.

Fire Size Class: 25 - 1500 plus acres.

(Moisture of extinction in fine fuels routinely after nightfall)

BI 25 79 Low Fire Behavior Intensity: Routine weather for the area

Fire Behavior: Fires are mainly topography dominated with slow to moderate rates of spread. Alignment of forces must be identified on routine weather days. Slope, Wind and Solar pre heating. Backing fire will have limited spread.

Key Indicators: Temps > 70 - 90 degrees; Wind 5 - 20 mph; RH < 30% - 50%; 10 HR DFM 5-12%; LFM 120% -60%

Targeted Months: May thru December

Engagement Tactical Options: Heel and Flank Suppression. Fires are routinely held to topographic and road features.

Identify Structure Defense. Fire Size Class: 5 – 25 acres.

(Moisture of extinction in fine fuels routinely after nightfall)