



# Fire Weather Forecast



FORECAST NO: 19  
 PREDICTION FOR: Tuesday-Wednesday  
 SHIFT DATES: July 27-28, 2021  
 FORECAST ISSUED: 1700 July 26, 2021

NAME OF FIRE: Dixie  
 UNIT: ID-NCF / Bransford/Stanzak IMT3  
 IMET: John Pendergrast (240) 499-6649

**WEATHER DISCUSSION:** Moisture spreading in aloft from the south will bring a chance of dry lightning strikes. Afternoon winds will remain slope driven, with west to northwest winds developing around noon through late afternoon. A chance of light precipitation will be possible by Wednesday. A chance of some afternoon lightning will continue through at least Friday.

### WEATHER FORECAST TODAY (TUESDAY):

	Dixie (5,600 ft)	Mallard Creek (5,400 ft)	Mariah RAWs (3,400 ft)
<b>Max/Min Temp.</b>	79-84F / 52-57F	79-84F / 52-57F	85-89F / 60-67F
<b>Min/Max RH</b>	23-28% / 47-55%	24-29% / 41-49%	19-25% / 45-55%
<b>Day Winds (20 foot)</b>	Light down drainage wind will become northwest 5-10 mph gusting to 14 by early afternoon.	Light down drainage wind will turn northwest 5-10 gusting to 13 mph by early afternoon.	Light winds will start northerly turning northwest 4-6 gusting to 11 mph by mid afternoon.
<b>Night Winds (20 foot)</b>	Downslope/downvalley winds 2-4 mph after 2200	Downslope/downvalley winds 2-4 mph after 2200	Around 2200, downvalley wind 2-4 mph.
<b>Notes</b>	Isolated lightning	Isolated lightning	Isolated lightning

**WEATHER:** early smoke haze over the area with some improvement in afternoon. (see Air Resource Advisor forecast).

**LAL:** 2 **CWR:** 5% **HAINES:** 4

**STABILITY / INVERSION:** Moderate night time inversion below active fire area. Lifting around 12 PM

**SMOKE TRANSPORT WINDS:** West to Southwest 9-14 mph.

Sunset Tuesday 819 PM

Sunrise Wednesday 522 AM

Sunset Wednesday 818 PM

**OUTLOOK FOR WEDNESDAY (Dixie):** Partly cloudy with morning haze. Isolated lightning. Max Temps 82-88F. Min RH: 23-30%. Max RH: 60-70%. Ridge Winds: NW 5-8 mph with afternoon gusts to 15 mph. LAL 2. CWR 5%. Haines 4.

### THREE DAY EXTENDED (5,600 FT)

	<u>Max T</u>	<u>Min RH</u>	<u>Max RH</u>	<u>Ridge Winds</u>	<u>WX</u>
THU	84	28%	61%	NW 6 G 13 mph	Chance Thunder
FRI	83	23%	63%	NW 7 G 15 mph	Isold thunder
SAT	83	28%	67%	NW 8 G 13 mph	Chance thunder