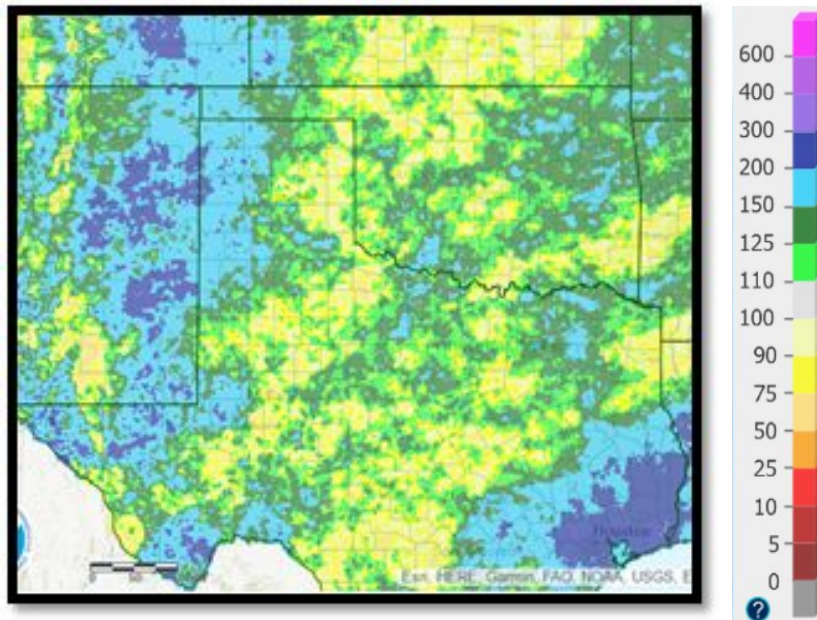


Example Situational Awareness Briefing

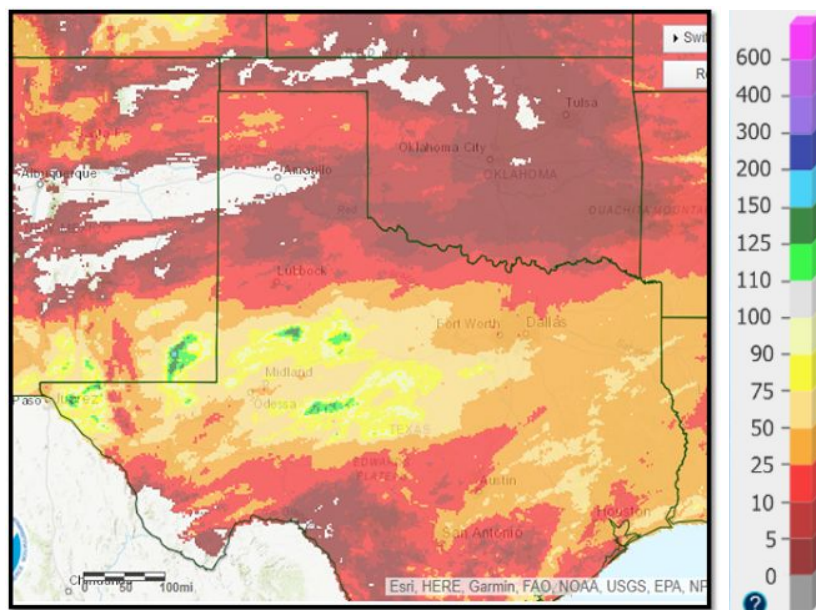
Hi all-

The influences of La Nina are having impacts across the Southern Plains very early in the dormant fire season. Precipitation anomalies are rather astonishing...

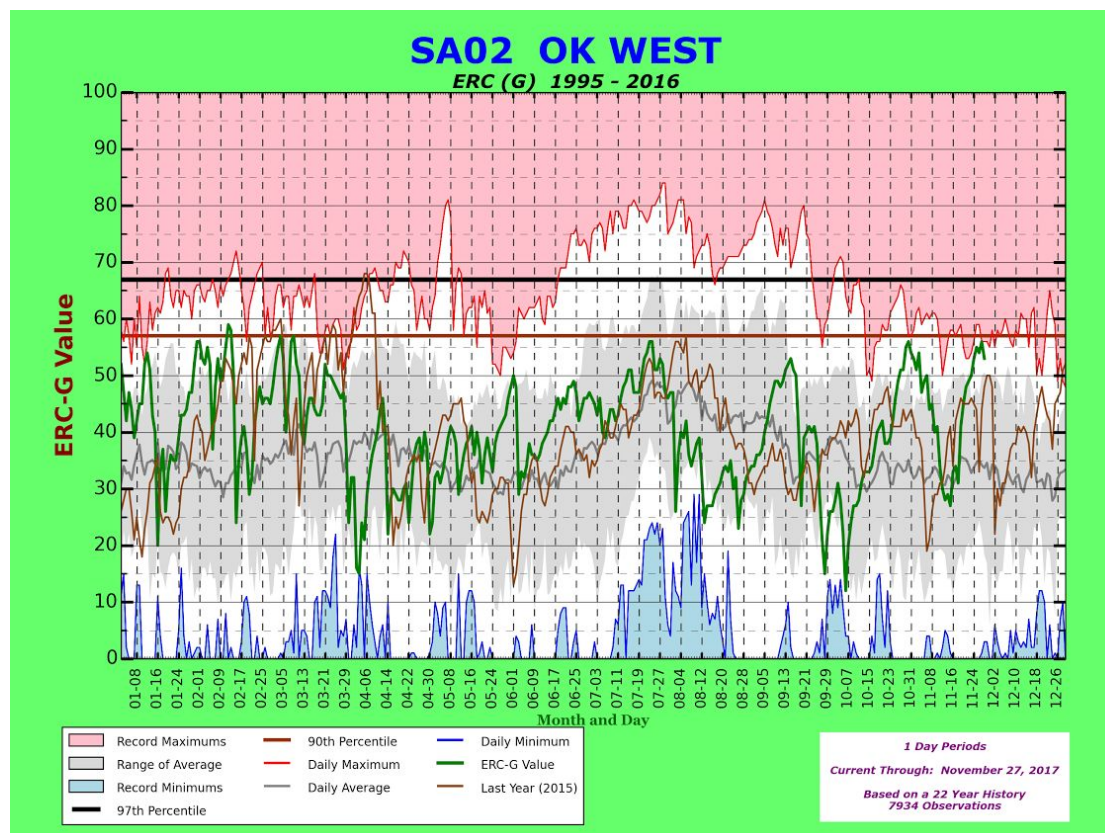
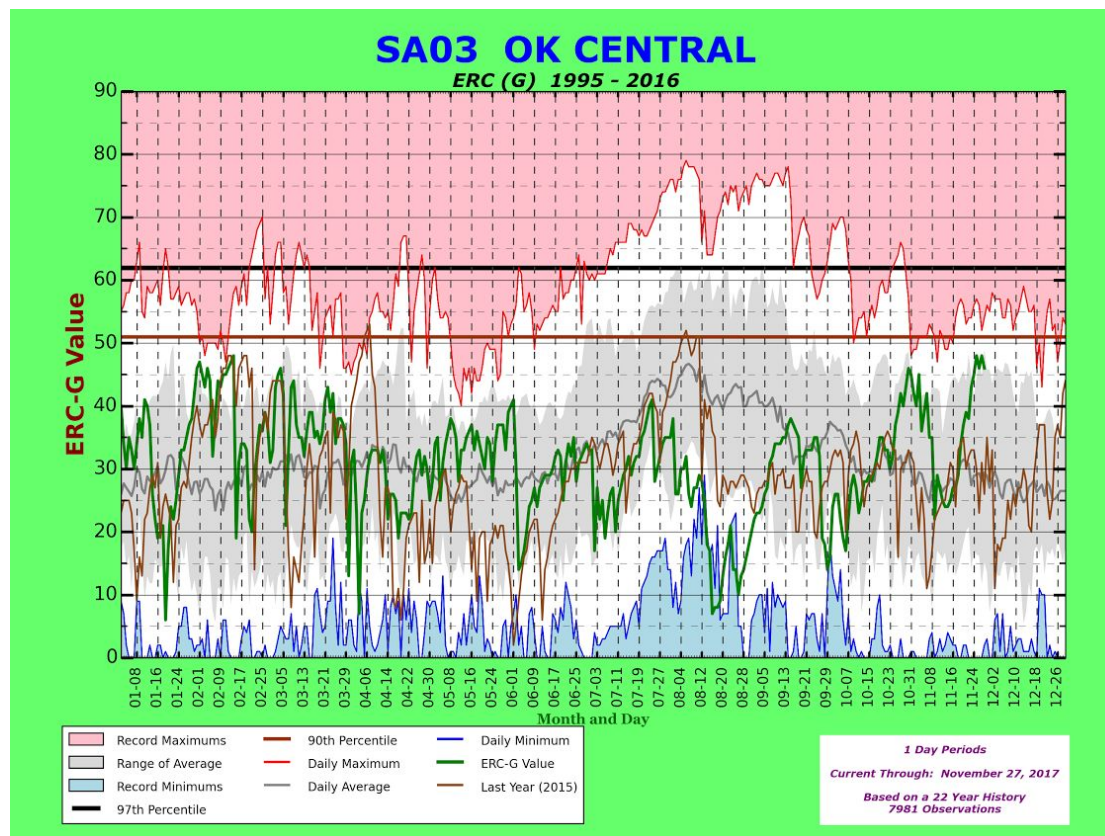
Percent of normal precipitation April-September...



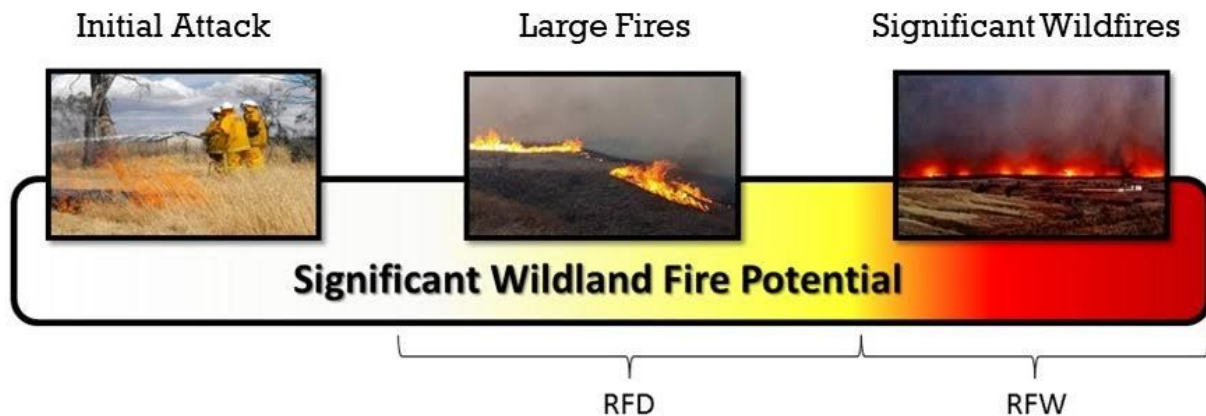
Percent of normal precipitation November...



As such, and given the recent warm/breezy weather, Energy Release Component (ERC) values have escalated well into the 75th-90th%ile values (central & western OK PSA below).



This has supported an upward trend in observed fire activity during the past week, with nearly daily fires occurring in recent days. Recent fire activity is characterized as Initial Attack with occasional fires pushing Large Fire status.



Drew Daily (OFS) describes recent fire activity below:

"56 fires over the weekend in our protection area – anomalous. Not unheard of for this time of the year, but definitely noteworthy. Fires are still being caught during initial attack across the state in large part, but the requests for local mutual aid and from state assets is on the increase. That is typically an indication of a fuel's resistance to suppression actions. For the most part, firefighters are still utilizing direct attack, or could use direct attack, so fireline intensity is not quite to the levels that are cause for concern. BUT, the development of the trend this early in dormancy is concerning. The thing we need to look for now is a noticeable resistance to fire suppression (greatly extended mop-up requirements, increased large fire occurrence, increased requests for aerial suppression assets)."

Operational actions:

Please remain vigilant during elevated or greater fire weather and send timely notifications of hot spot detections per the [Hot Spot Notification App](#). A new [OEM Watch Duty Officer Map](#) is available here, and makes a great addition to our video wall (hint, hint).

We will see how tonight's moisture influences ERC, but in general, we are in an ambient environment that warrants RFDs under elevated conditions, with a low tolerance for RFWs in marginally/near-critical conditions. Given the current forecast, significant fire potential is trending toward moderate, with cumulative and day-to-day weather becoming increasingly important.

Weather (RFTI) + Fuels (ERC-G %ile)	NIL 0	Elevated 1-2	Near Critical 3-4	Critical 5-6	Extreme 7-8	Historic 9-10
0-25 th %ile	--	--	--	--/RFD	RFD/RFW	RFW
25 th -50 th %ile	--	--	--/RFD	RFD/RFW	RFW	RFW
50 th -70 th %ile	--	--/RFD	RFD/RFW	RFW	RFW	RFW
70 th -90 th %ile	--	RFD/RFW	RFW	RFW	RFW	RFW
>90 th %ile	--/RFD	RFW	RFW	RFW	RFW	RFW

Warning Guidance Considering ERC-G

- <25th percentile, err against warning in absence of extreme/historic weather
- <50th percentile, err against warning even in low-end critical weather
- 50th-70th percentiles, increasing Initial Attack warn on critical weather
- 70th-90th percentiles, err toward warning in marginal weather
- >90th percentile, very pro-active RFWs