

# Southwest Area Monthly Outlook

## June 2017



### WEATHER FACTORS AND OUTLOOK:

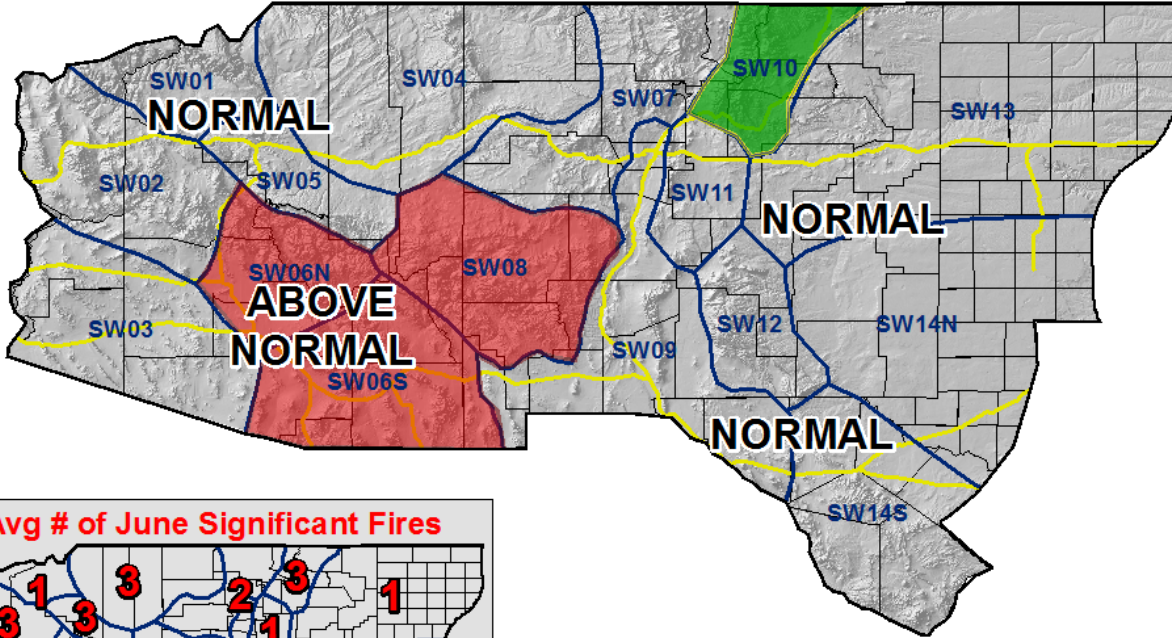
**Drought Conditions:** As of June 13<sup>th</sup>, the U.S. Drought Monitor indicated an area of moderate drought across southern Arizona as well as a small area in the far southwestern corner of New Mexico. Areas of both eastern Arizona and southwestern New Mexico have abnormally dry conditions. The most recent U.S. Monthly Drought Outlook suggests that the present drought areas will remain through the month, although most of them will likely be removed by later in the summer.

**Precipitation Anomalies and Outlook:** Precipitation amounts for much of May were quite a dichotomy across the region overall. In general, precipitation was near to Above average across approximately the northwestern half or so of the region while the southeastern half of the region experienced Below Normal amounts. The driest areas were across the far eastern parts of the region while the wettest areas were across far western Arizona and northern/northwestern New Mexico. The latest CPC climate outlook depicts periods of both near and Below Normal chances of precipitation through the end of June focused along/east of the divide region. Predictive Services expects a few periods of increased moisture/RH values focused east of the divide (moreso east of NM central mountains) through the end of the month but precipitation amounts will likely remain below average for this time of year.

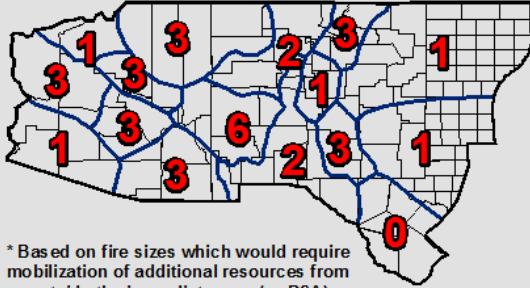
**Temperature Anomalies and Outlook:** Much of May saw average high temperatures between 1-4 degrees Below Normal, especially focused along/east of the divide area. The warmest areas, compared to normal, were across far eastern sections of the region overall. The latest CPC climate outlook forecasts Above Normal temperatures for the remainder of June area-wide. Southwest Area Predictive Services is in agreement with this forecast with a few moderating periods of temperatures likely across the region through the end of the month. East of the divide, temperature fluctuations will be a result of a few periods of increased moisture while across the northern half or so of Arizona they will be due to a mid-latitude trough of low pressure glancing the region from the north.

<b>Significant Fire Potential</b>	<p><b>Above Normal Fire Potential across southeastern/eastern/central Arizona and portions of western/northern New Mexico.</b></p> <p>Incidents of significant fire activity typically peak in June focused along/east of the divide region associated with both hotter daytime and warmer overnight temperatures as well as a maximum in daylight hours. Expect a warm/hot end of the month overall with semi-frequent backdoor cold frontal systems to impinge upon the region from the east. This will bring periods of lightning to the region. By late month into early July, an unseasonably breezy &amp; dry period is likely which would shunt the subtropical high southward to over old Mexico</p>
<b>Prescribed Fire Implications</b>	<p>Due to the expected heat and increasing dryness, any prescribed fire activity should be limited and/or firmly monitored.</p>
<b>Miscellaneous</b>	<p>A period of record to near record high temperatures are likely during mid-late June.</p>

# Monthly Significant Fire Potential Outlook June 2017



## Avg # of June Significant Fires



\* Based on fire sizes which would require mobilization of additional resources from outside the immediate area (or PSA)

### Significant Fire Potential

- Below Normal
- Normal
- Above Normal