

# National Predictive Services Forecast

## Southwest

Published: Jun 16, 2021 10:20:02 AM

| Predictive Service Area (PSA)     | Wed<br>16<br>Jun | Thu<br>17<br>Jun | Fri<br>18<br>Jun | Sat<br>19<br>Jun | Sun<br>20<br>Jun | Mon<br>21<br>Jun | Tue<br>22<br>Jun |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| SW01 - Northwest AZ               | L                | H                | L                |                  | H                |                  |                  |
| SW02 - West-Central AZ            | H                | H                | H                | H                | H                |                  |                  |
| SW03 - Southwest AZ               | H                | H                | H                | H                |                  |                  |                  |
| SW04 - Four Corners Area          | H                | H                | H                | H                |                  |                  |                  |
| SW05 - Western Mogollon Rim       | L                | L                | L                | L                | H                |                  |                  |
| SW06N - Central AZ/Phoenix Metro  | H                | H                | H                | H                |                  |                  |                  |
| SW06S - Southeast AZ              | L                | H                | H                | H                |                  |                  |                  |
| SW07 - Northwest NM Mtns.         | L                | L                | L                | L                |                  |                  |                  |
| SW08 - White Mtns. & Gila Region  | L                | L                | L                | L                |                  |                  |                  |
| SW09 - South/Central NM Lowlands  | H                | H                |                  |                  | H                |                  |                  |
| SW10 - Sangre Ds Cristo Mountains |                  |                  |                  |                  |                  |                  |                  |
| SW11 - Central NM Mtns. & Plains  |                  |                  |                  |                  |                  |                  |                  |
| SW12 - South-Central Nm Mtns.     |                  |                  |                  |                  |                  |                  |                  |
| SW13 - Northwest NM/NW TX         |                  |                  |                  |                  |                  |                  |                  |
| SW14N - Southeast NM/West TX      |                  |                  |                  |                  |                  |                  |                  |
| SW14S - Southwest TX/Big Bend     |                  |                  |                  |                  |                  |                  |                  |

### Weather Discussion

**Critical fire weather pattern continuing into late week/early weekend...with excessively hot, dry and unstable conditions yielding to increasing dry lightning potential, as moisture continues to increase from south/east>north/west. A bit more humid and slightly lower high temps - east of the divide region - with areas of scattered wetting rains focused over/near the nrm & wrn NM mountains into the weekend.**

*The upper level high will be at its peak today over/near the Four Corners region...and will continue to linger near the area and weaken some...before beginning to drop a further south over the heart of the region by the weekend. Low level moisture that has been in place across plains has continued to slide west-northwestward due to the clockwise circulation around the high...all the way into cntrl AZ this mning. Indications are the mid-upper level high will gradually weaken the rest of this week, but moreso by SAT-TUE and eventually settle over nrm old Mexico by early next week as a trough of low pressure sets up just off the coast of CA. This trend will wipe out the heat wave...but highs are still expected to remain 3-6 degrees Above Normal.*

With the upper level high remaining near/over the Four Corners region through late week...expect a continuation of the very hot, dry and unstable conditions across much of AZ and far western NM...with mixed wet/dry lightning potential along and east of the NM central mountain chain continuing to expand west of the divide-AZ/NM border area today into late week. **Most** storms through this period will be dry west of the highest terrain of the NM central mountain chain, and wetter along and east of the there...with storm motion towards the WSW at around 10-15 mph along/east of the divide region and towards the WNW west of the divide region.

For today-SAT, the primary focus for the heat and problematic lightning will shift to near and west of the continental divide...with lightning an ongoing threat over/near mountain areas, and the excessive heat focused over AZ. **Prolonged burning periods with poor overnight RH recovery, extremely hot/dry/unstable days and thunderstorm outflow wind impacts should be expected with spotty significant rainfall in**

spots.

By late weekend, the upper high will drop the over swrn AZ and then likely over old Mexico into the middle part of next week with west-southwesterly flow taking grip over the region. This will act to likely dry out most portions of the region...with decreasing shwr/tstm activity for many areas and lowered high temperatures.

### Fuels/Fire Discussion

**Widespread High Risk conditions, for a combination of excessive heat and dryness - mixed with lightning, expected across central & eastern AZ/western NM through SAT...with a refocusing/westward shift of High Risk conditions over AZ today onward.**

**Drier air to slide back over nrn/cntrl NM by late weekend with near record/record heat once again for a day or so.**

From today on...the focus for heat and lightning potential has shifted to near and west of the continental divide, as moisture increases from E>W.

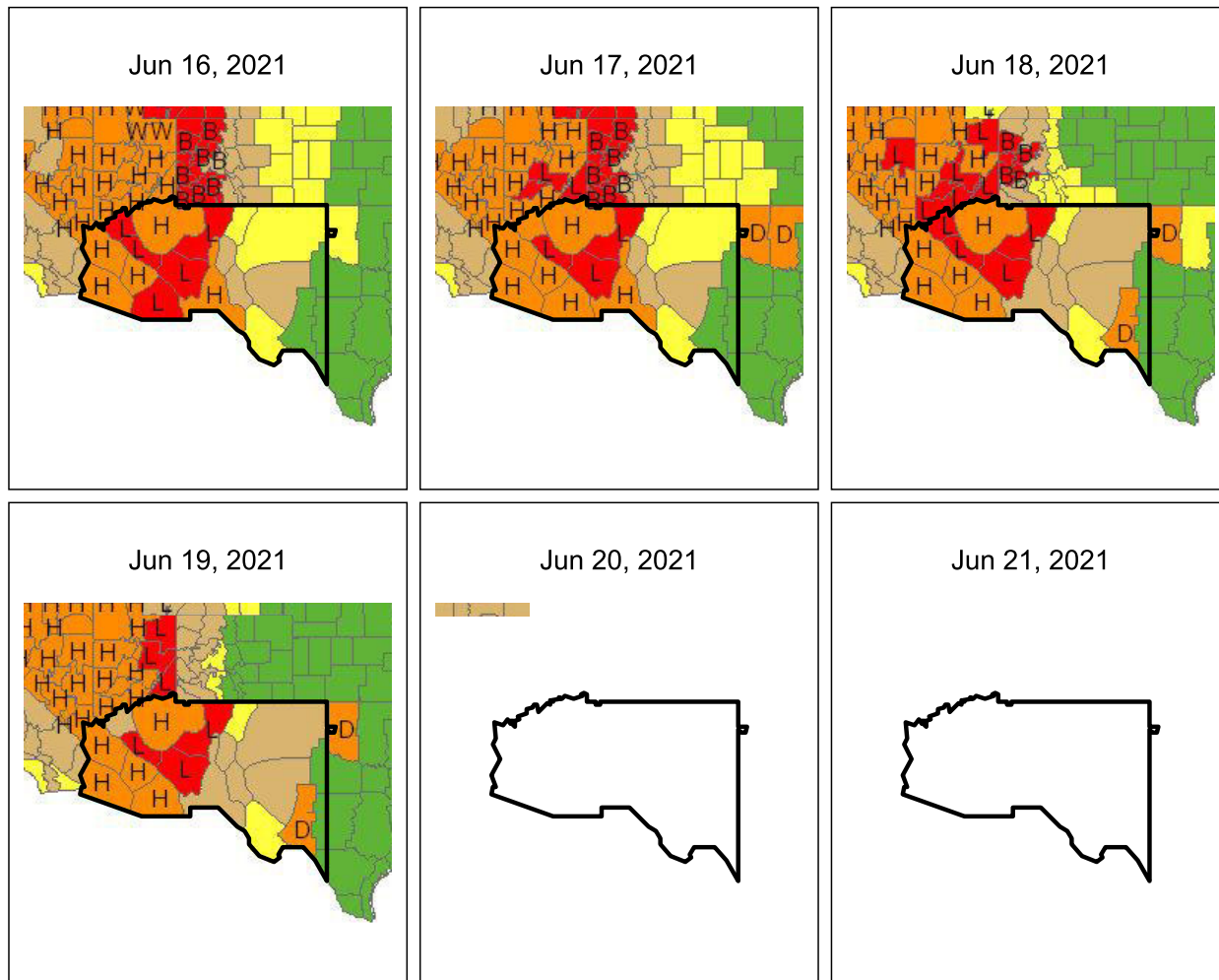
### Resource Discussion

SW Daily Resource Summary (SWDRS)

([https://gacc.nifc.gov/swcc/predictive/intelligence/daily/UPLOAD\\_Files\\_toSWCC/D\\_03\\_40\\_Daily\\_Resource\\_Summary\\_SWA.pdf](https://gacc.nifc.gov/swcc/predictive/intelligence/daily/UPLOAD_Files_toSWCC/D_03_40_Daily_Resource_Summary_SWA.pdf))

SW Anticipated Resource Demand (SWARD) ([https://gacc.nifc.gov/swcc/predictive/intelligence/daily/Daily\\_SWARD/Daily\\_SWARD.htm](https://gacc.nifc.gov/swcc/predictive/intelligence/daily/Daily_SWARD/Daily_SWARD.htm))

Printable Version (PDF) of SWA 7-Day Outlook ([https://gacc.nifc.gov/swcc/predictive/intelligence/daily/UPLOAD\\_Files\\_toSWCC/F\\_03\\_10\\_7-Day\\_Outlook.pdf](https://gacc.nifc.gov/swcc/predictive/intelligence/daily/UPLOAD_Files_toSWCC/F_03_10_7-Day_Outlook.pdf))



Jun 22, 2021

