SIGNIFICANT FIRE POTENTIAL

July - October 2022 HIGHLIGHTS

- **Dry season continues with Drought likely to expand some.**
- **Weather Outlook is for below avg rainfall July through October, especially the leeward sides.**
- **La Niña will likely remain during most of next 4 months which means continued possibilities for enhanced Trade Winds & potential impacts to start of rainy season.**
- **Above Normal Significant Fire Potential across most of the Islands, especially along the Leeward Sides July through October.**

**Discussion:** Sea surface temperature (SSTs) anomalies surrounding the Hawai‘ian Islands are mixed but generally near to slightly above normal (Fig 1). Average temperatures (Fig 2) during June were near to a little above normal excluding the northern most islands where they were below normal. Temperature anomalies are expected be mixed during the 4 month period but generally near to above normal during the next 1 or 2 months. Precipitation (Fig 3) during June was generally drier than normal but some above normal areas showed up across the southern islands. Drought conditions (Fig 4) intensified some across the majority the islands with the exception of the Big Island. The 4-month weather outlook calls for below normal precipitation although enhanced Trade Winds along the windward side of the islands, due to prolonged La Nina conditions (Fig 6), could alter that trend across some windward areas. Significant fire potential is projected to be above normal from July through October, especially impacting the leeward sides of the islands due to cured or curing herbaceous fuels, intensifying drought and periods of enhanced Trade Winds.

**Webpage:** https://gacc.nifc.gov/oncc/predictive/weather/index.htm  
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