



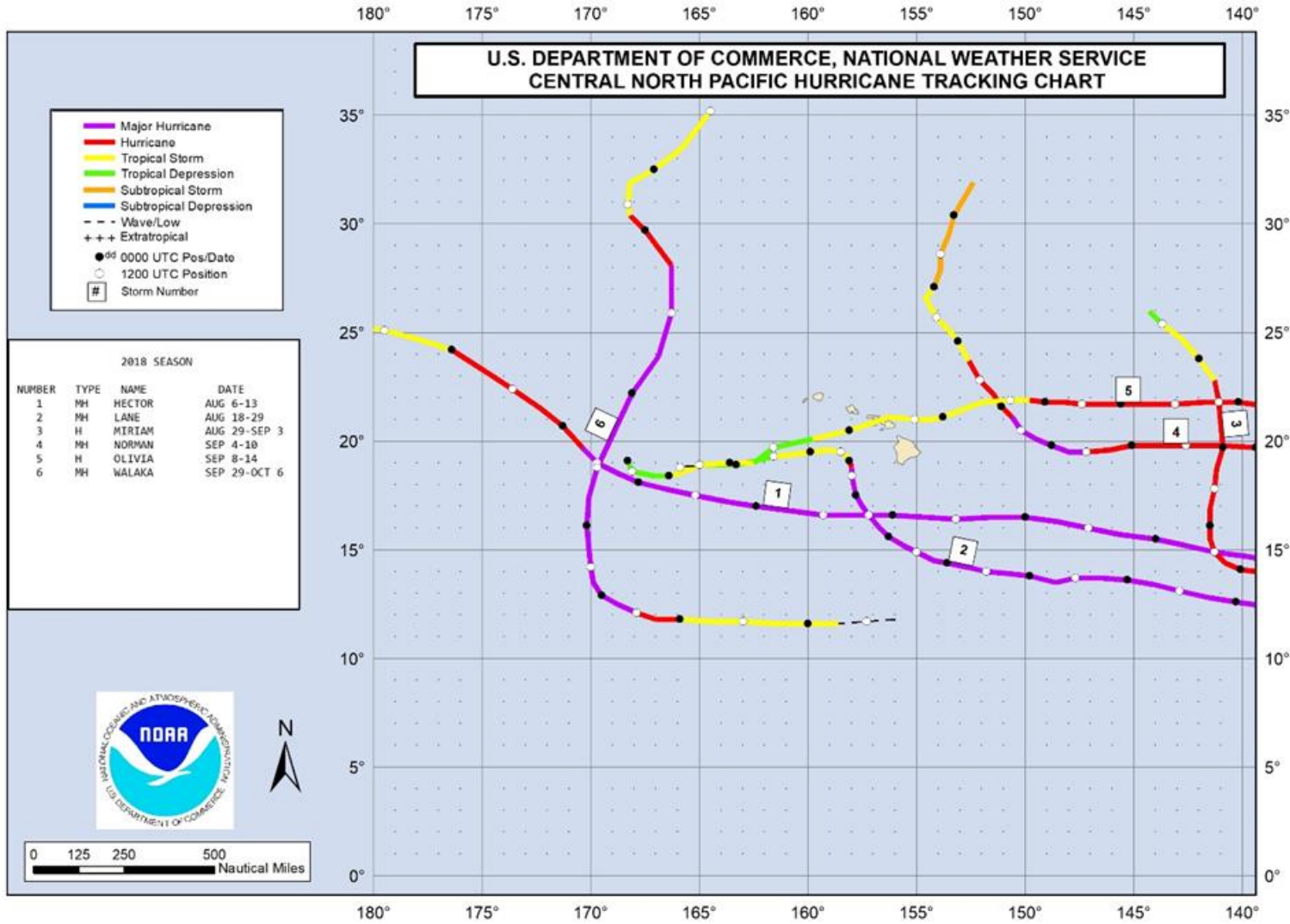
2019 Central Pacific Hurricane Season Outlook Briefing

National Weather Service
Central Pacific Hurricane Center

May 22, 2019



2018 Track Review





Looking Back At The 2018 Season Outlook

3-6 Tropical Cyclones

40% Above Normal Season

40% Normal Season

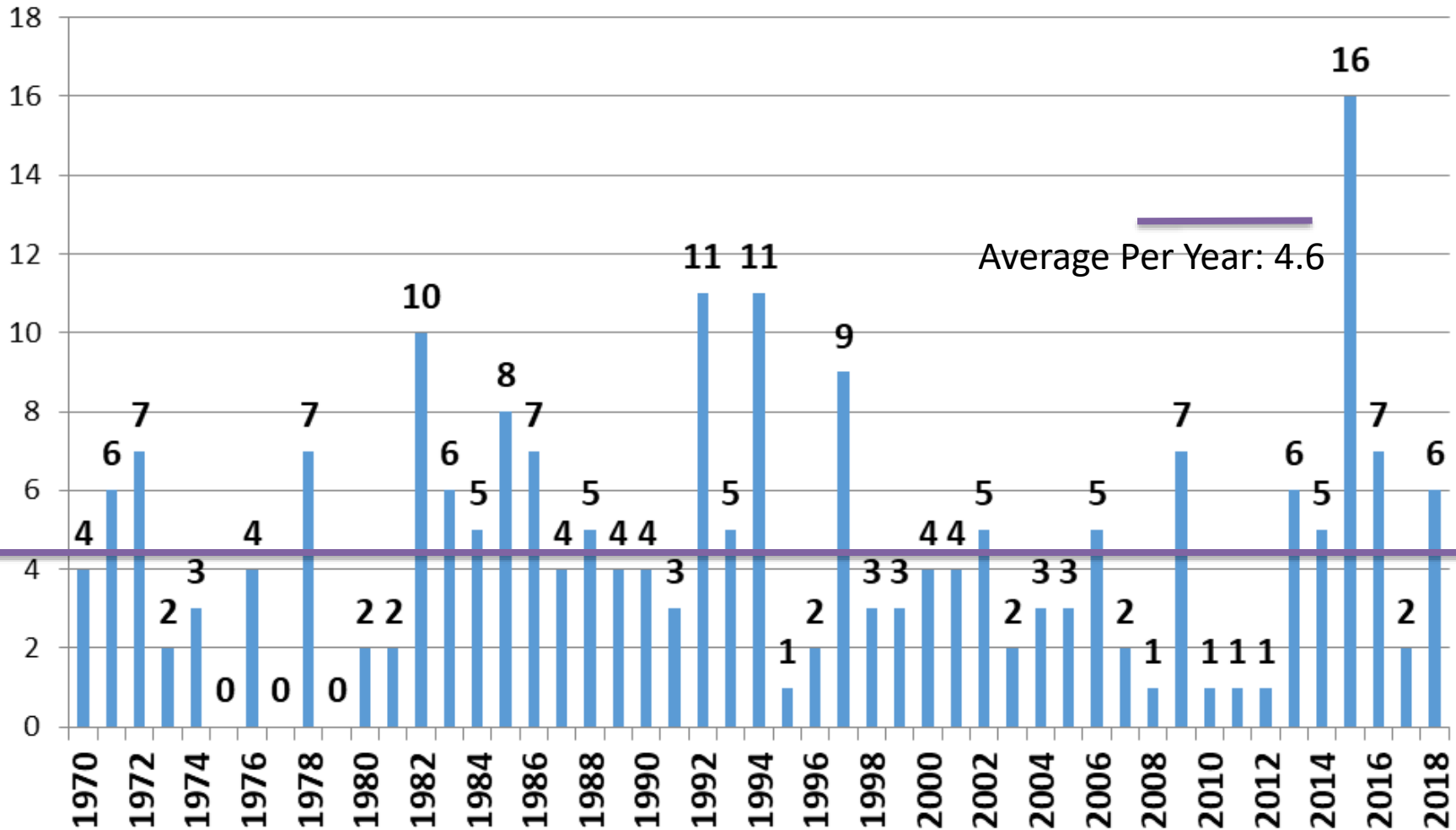
20% Below Normal Season

- 2018 Central Pacific Total: 6 Tropical Cyclones
- All 6 developed into Hurricanes
- Olivia made landfall as a Tropical Storm
- Lane did not make landfall but resulted in major flooding



2018 vs Past Hurricane Totals

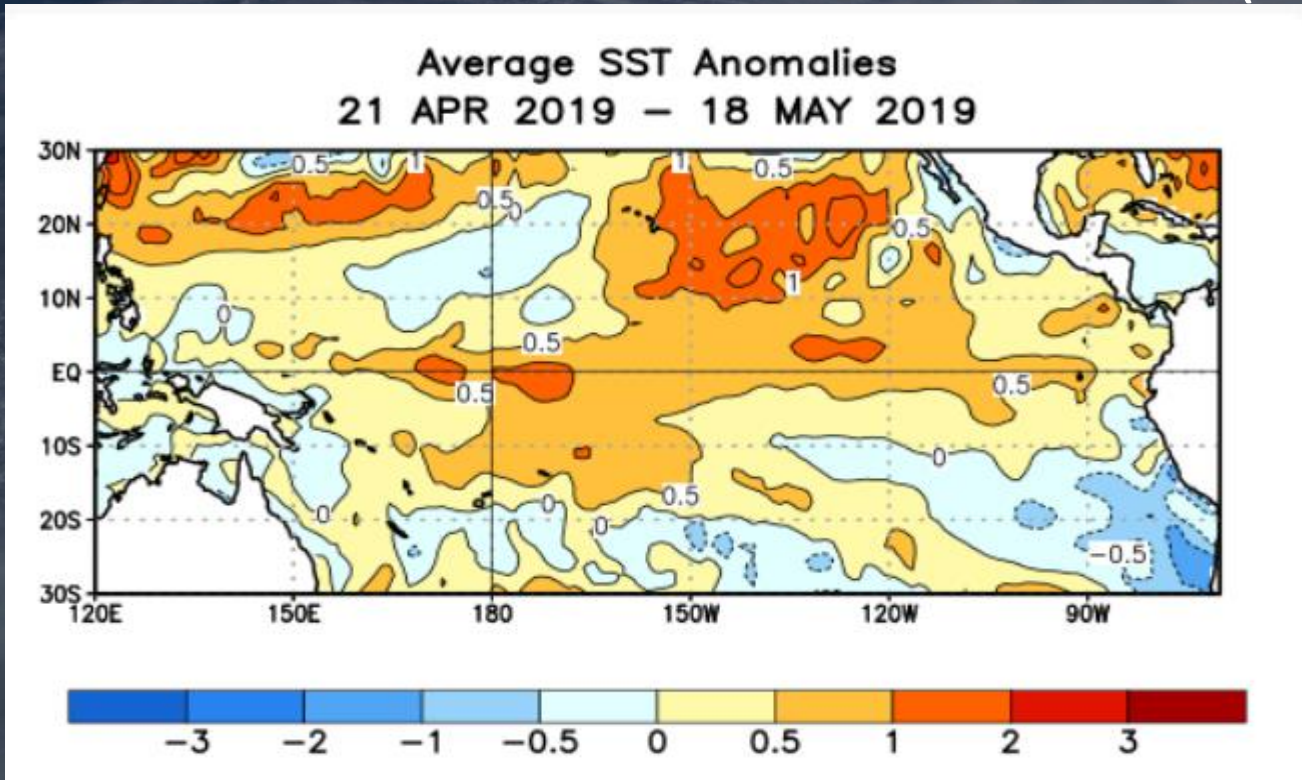
Central Pacific Tropical Cyclones By Year (1970 - 2018)





Seasonal Outlook Factors

- El Niño is likely to continue through the 2019 hurricane season. This condition *typically* correlates to a more active hurricane season in the Central Pacific. (*~6-7 per year*)



Some of the factors influencing tropical cyclone formation:

- Warm ocean temperatures
- Low wind shear



2019 Season Outlook

5-8 Tropical Cyclones

70% Above Normal Season

20% Normal Season

10% Below Normal Season

- Forecast for continued El Niño conditions
- Factors influencing tropical cyclone formation:
 - Ocean temperatures projected to remain above normal
 - Wind shear projected to remain below normal
- El Niño correlates well with above normal tropical cyclones in Central Pacific.