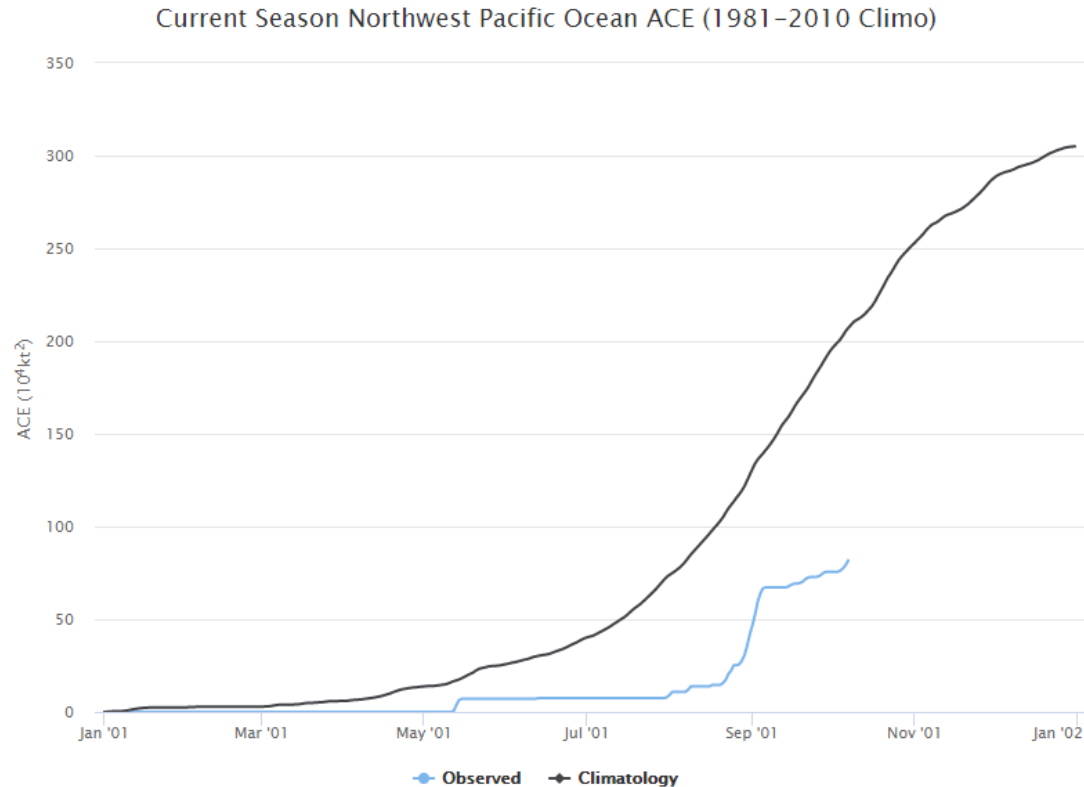


Northern Pacific Tropical Cyclone (TC) Outlook verification for 2020

John J. Marra, NOAA NESDIS NCEI



West Pacific 2020 through September



Northwest Pacific Ocean storm statistics were last modified: October 09 2020 09:00 MT

Statistics calculated from operational best tracks of the Joint Typhoon Warning Center. Available online [here](#):

CSU <http://tropical.atmos.colostate.edu/Realtime/>

West Pacific 2020

Although the year started off quietly, the 2020 TC outlook from April onward called for a near normal to above normal number of storms.

As of early August there were 4 named storms. Through September there were 14 named storms. This is close to normal (i.e., 15-16 storms).

Consistent with La Niña conditions, all major TC's occurred west or northwest of Micronesia.

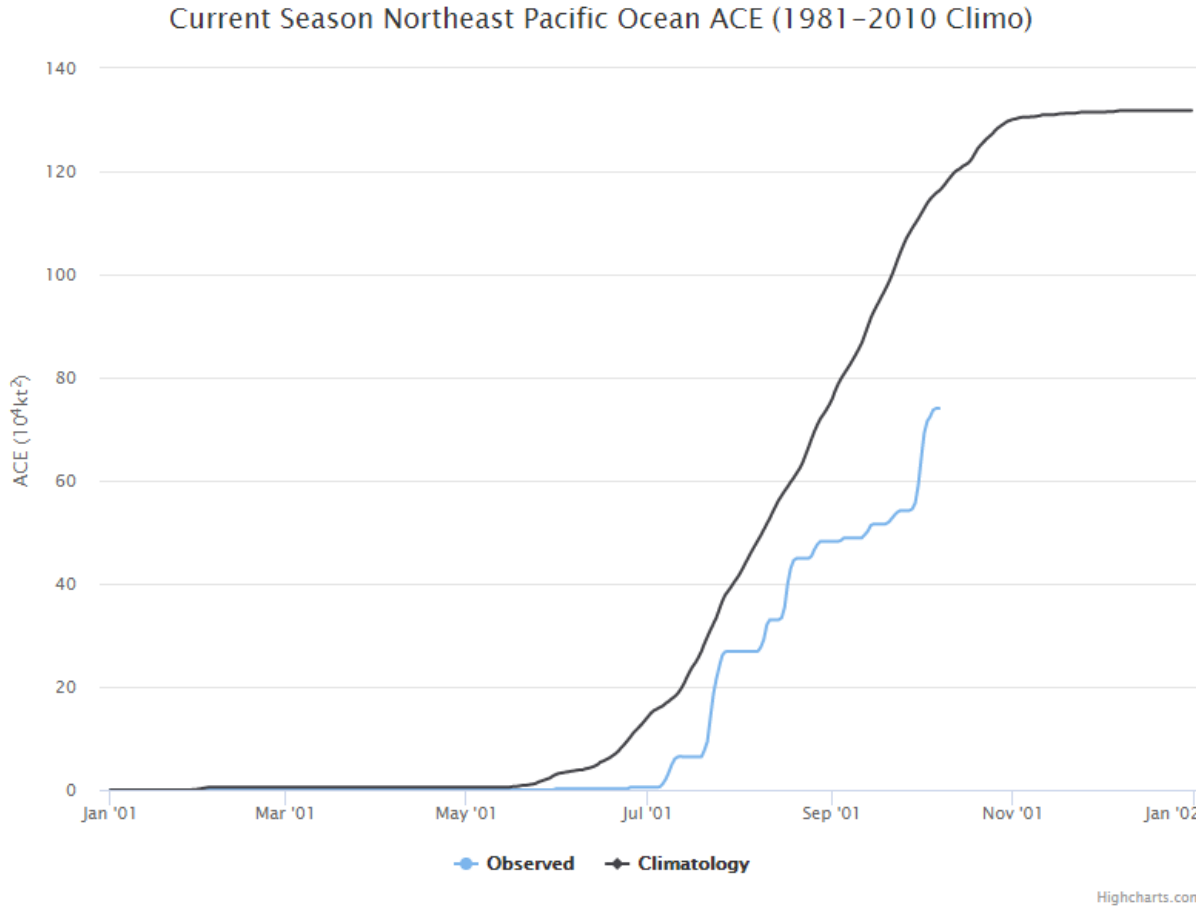
The cumulative Accumulated Cyclone Energy (ACE) is less than half of normal.

East Pacific 2020

NOAA's 2020 Eastern and Central Pacific Hurricane Season outlooks were released on May 15 and June 1 respectively. They call for a near normal or below normal number of tropical cyclones - 70% probability for 11-18 named storms and a 75% for 2-6 named storms respectively.

The season runs through November 30. Through September there were 13 named storms. Only two, Douglas and Marie, reached Major Hurricane status for more than a day.

The cumulative Accumulated Cyclone Energy (ACE) is slightly more than half of normal.



Northeast Pacific Ocean storm statistics were last modified: October 09 2020 15:00 MT

Statistics calculated from operational best tracks of the National Hurricane Center/Central Pacific Hurricane Center.

CSU <http://tropical.atmos.colostate.edu/Realtime/>



East Pacific 2019

Observed: 19 named storms ,
slightly above average (16-17).

Predicted: A 70% chance of above-
normal, 15 to 22 named storms.

East Pacific 2019

Intensity	Forecast Period (h)						
	12	24	36	48	72	96	120
2019 mean OFCL error (kt)	5.2	9.1	11.1	13.3	18.1	19.7	18.4

Track	Forecast Period (h)						
	12	24	36	48	72	96	120
2019 mean OFCL error (n mi)	24.8	40.3	57.4	74.3	99.7	123.6	134.4

Verification of Tropical Cyclone Operational forecast in 2019

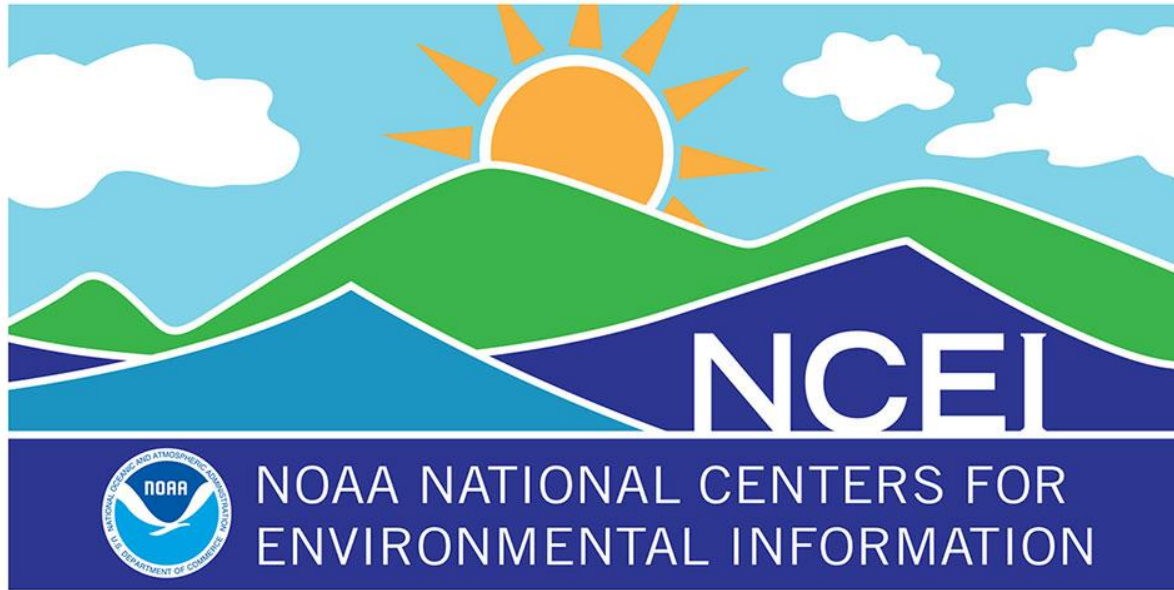
52st Session

ESCAP/WMO Typhoon Committee

25-28 February 2020

Hong Kong • China





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