THE NEW NORMAL

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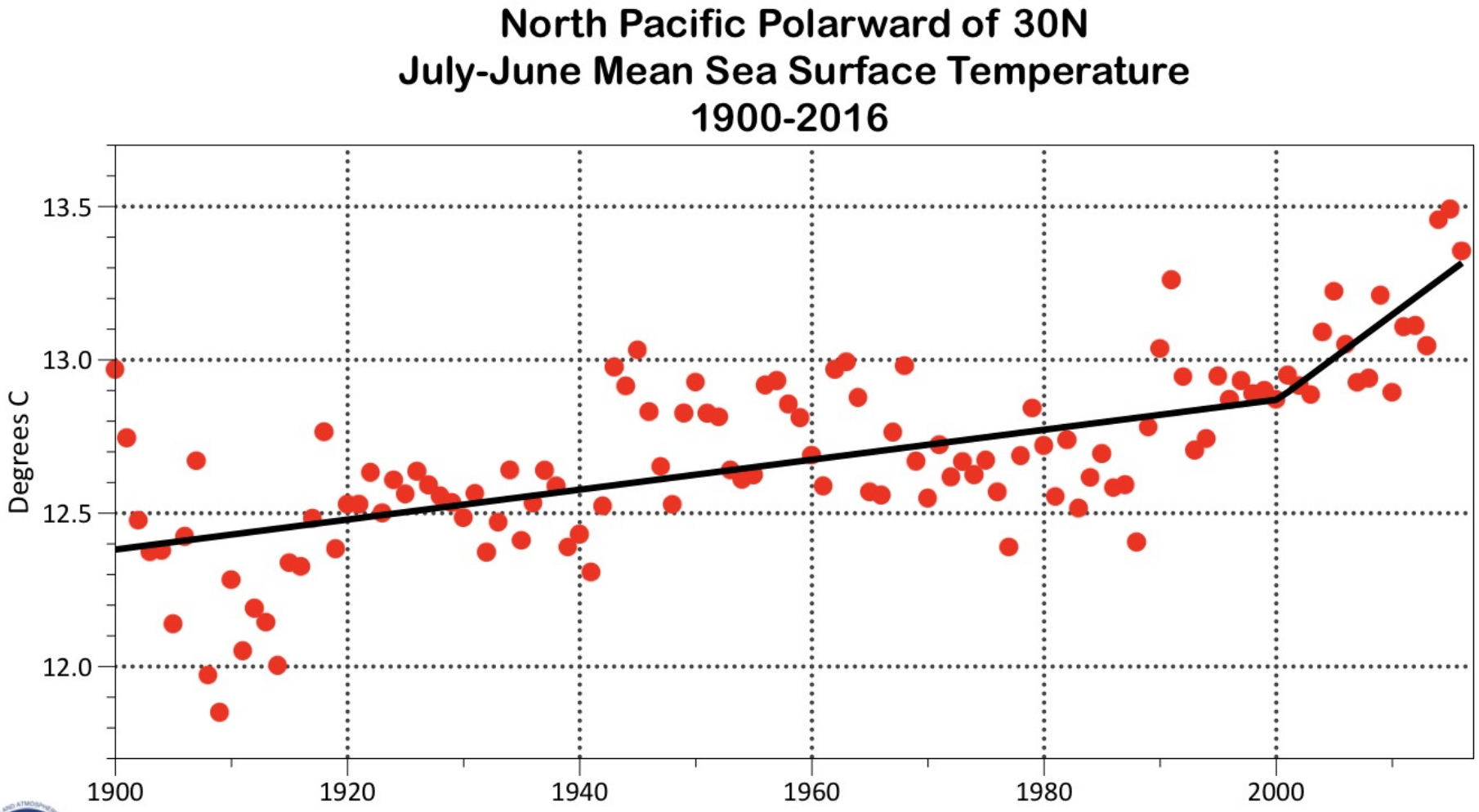
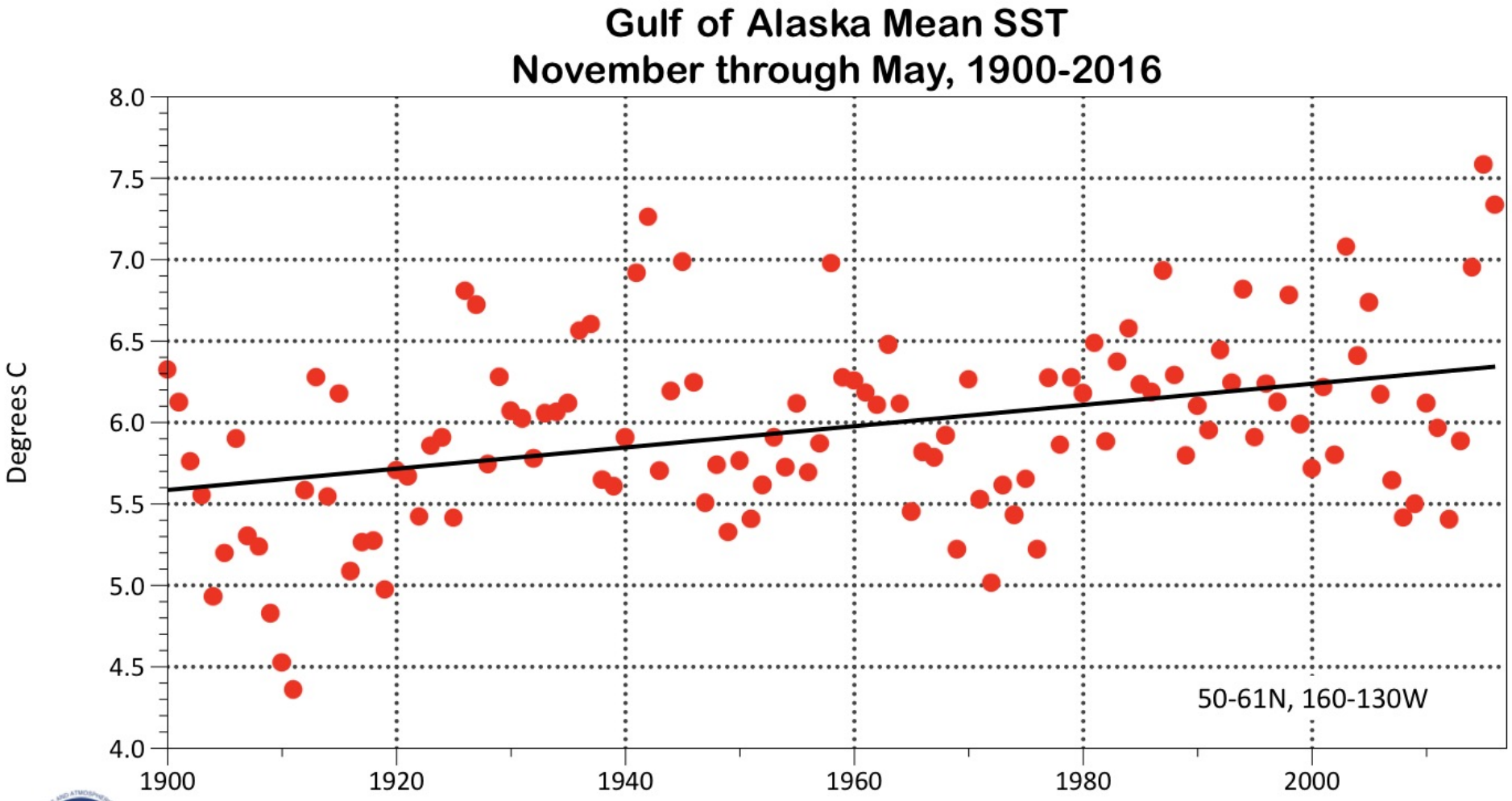
North Pacific Sea Surface Temperatures



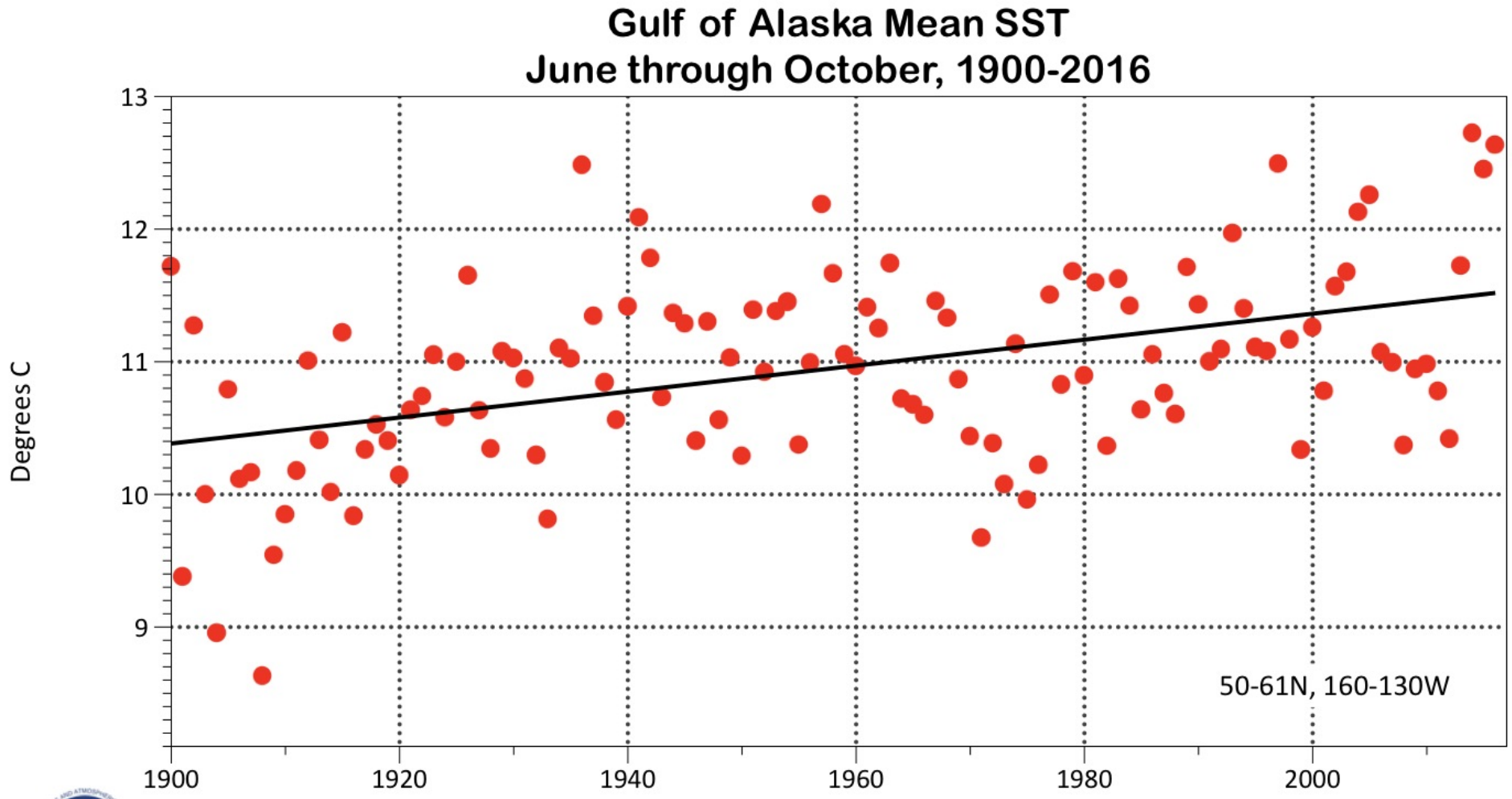
Data source: ERSSTv4 from NOAA/NCEI and Brian Brettshneider

Gulf of Alaska SSTs: Cold Season



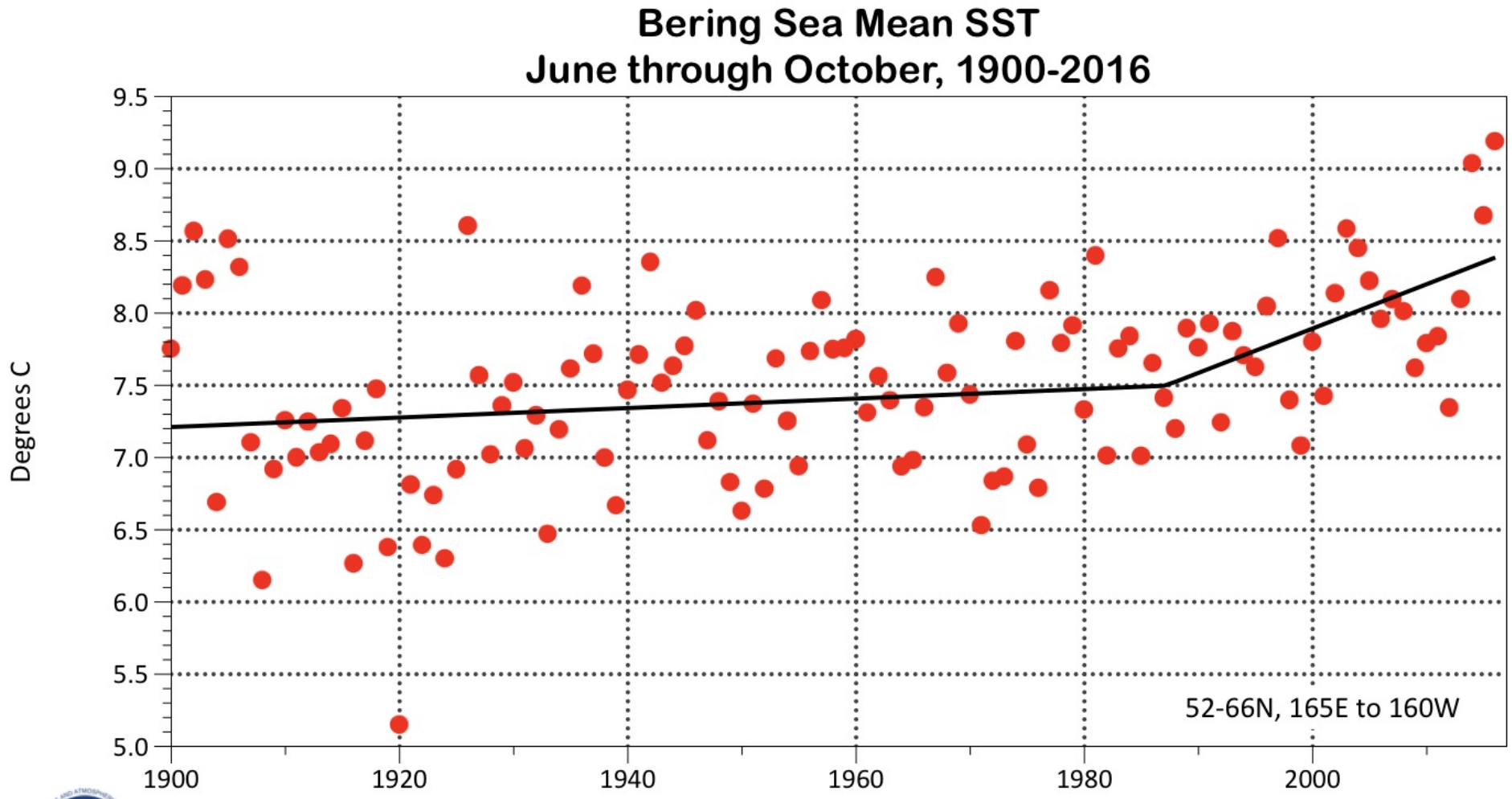
Data source: NOAA/NCEI ERSSTv4 & B. Brettscheinder
Graphic by NOAA/NWS Alaska Region Climate Services

Gulf of Alaska SSTs: Warm Season



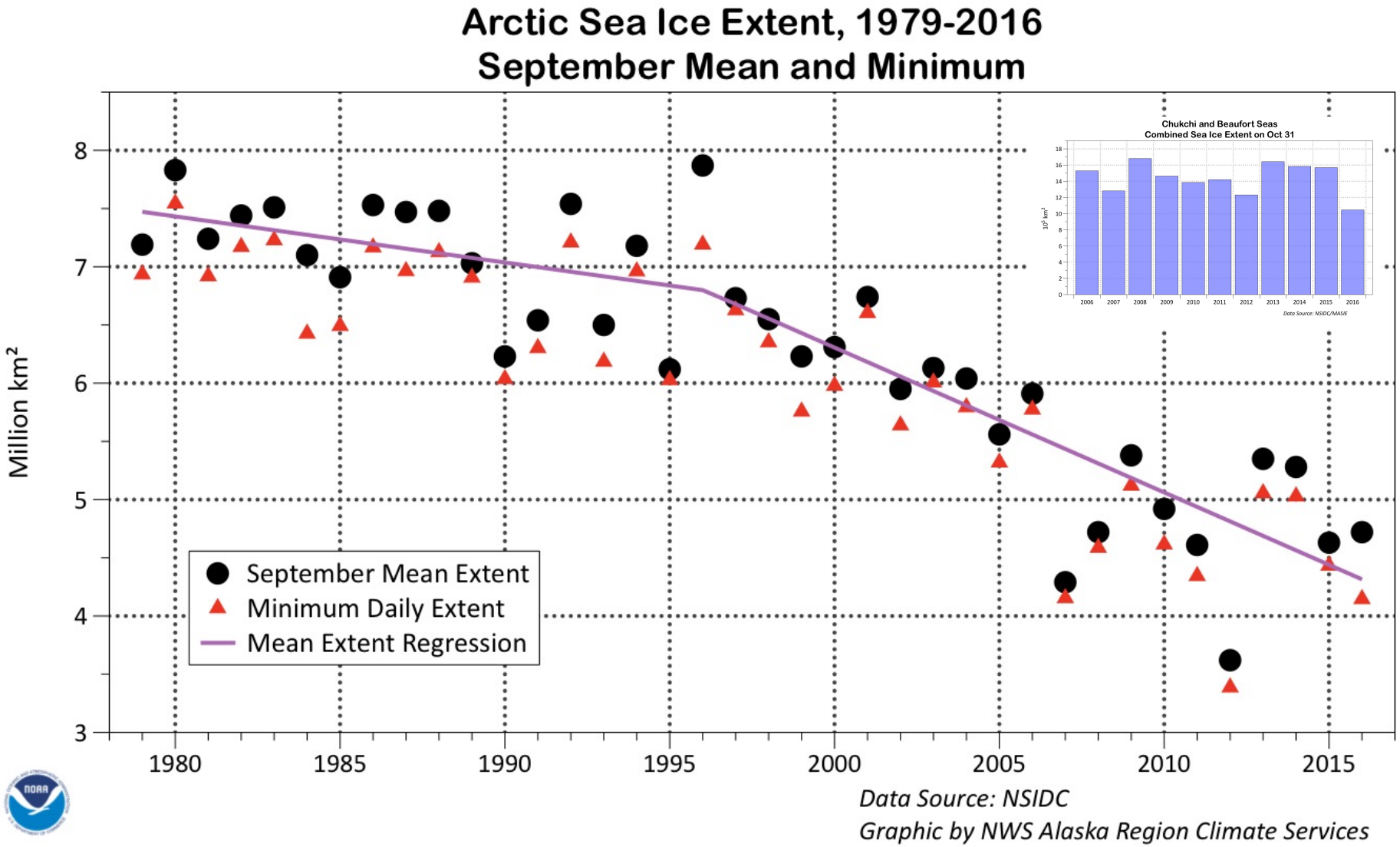
Data source: NOAA/NCEI ERSSTv4 and B. Brettscheinder
Graphic by NOAA/NWS Alaska Region Climate Services

Bering Sea SSTs Warm Season

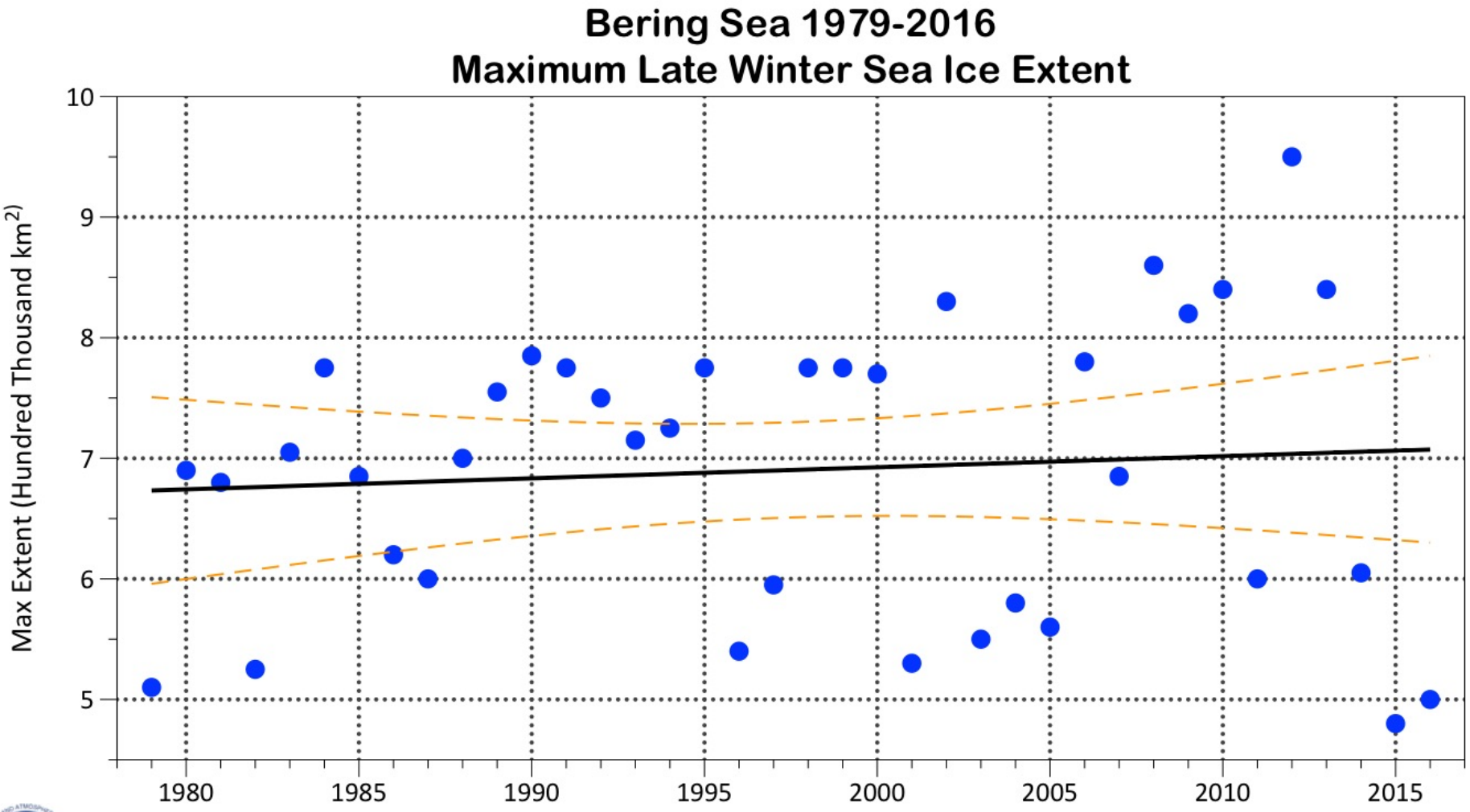


Data source: NOAA/NCEI ERSSTv4 and B. Brettscheinder
Graphic by NOAA/NWS Alaska Region Climate Services

Sea Ice Changes



Bering Sea Ice Extent Maximum



Data Source: U. Illinois/Cryosphere Today

Summary

- Oceans around Alaska are warming
- Sea Ice is declining
  - Downward trend greatest in late summer and autumn
  - Marginal Sea Ice late winter extent (Bering Sea) has no trend
  - Does not address changes the “quality” of ice