Supplementary Information of manuscript:

Variations in North Pacific Sea Surface Temperature Caused by Arctic Stratospheric Ozone Anomalies

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Figure S1. ASO variations are represented by a time series of ozone averaged over the region 60°–90°N at 150–50 hPa for each month from the MERRA2 (black line), SWOOSH (blue line) and GOZCARDS (green line) ozone. Seasonal cycles and linear trends have been removed.
Figure S2. Height–time cross section of composite daily value of zonal wind (averaged over 60°–80°N) during ASO decrease events (a) and increase events (b) in March, April and May from 1979 to 2015. Details of the ASO change events selected for composite analysis are given in Table 1 in the text. Zonal wind is from NCEP2.
Figure S3. Climatological (1979–2015) geopotential height at 850 hPa in (a) March and (b) April. The geopotential height value is divided by $10^3$. 