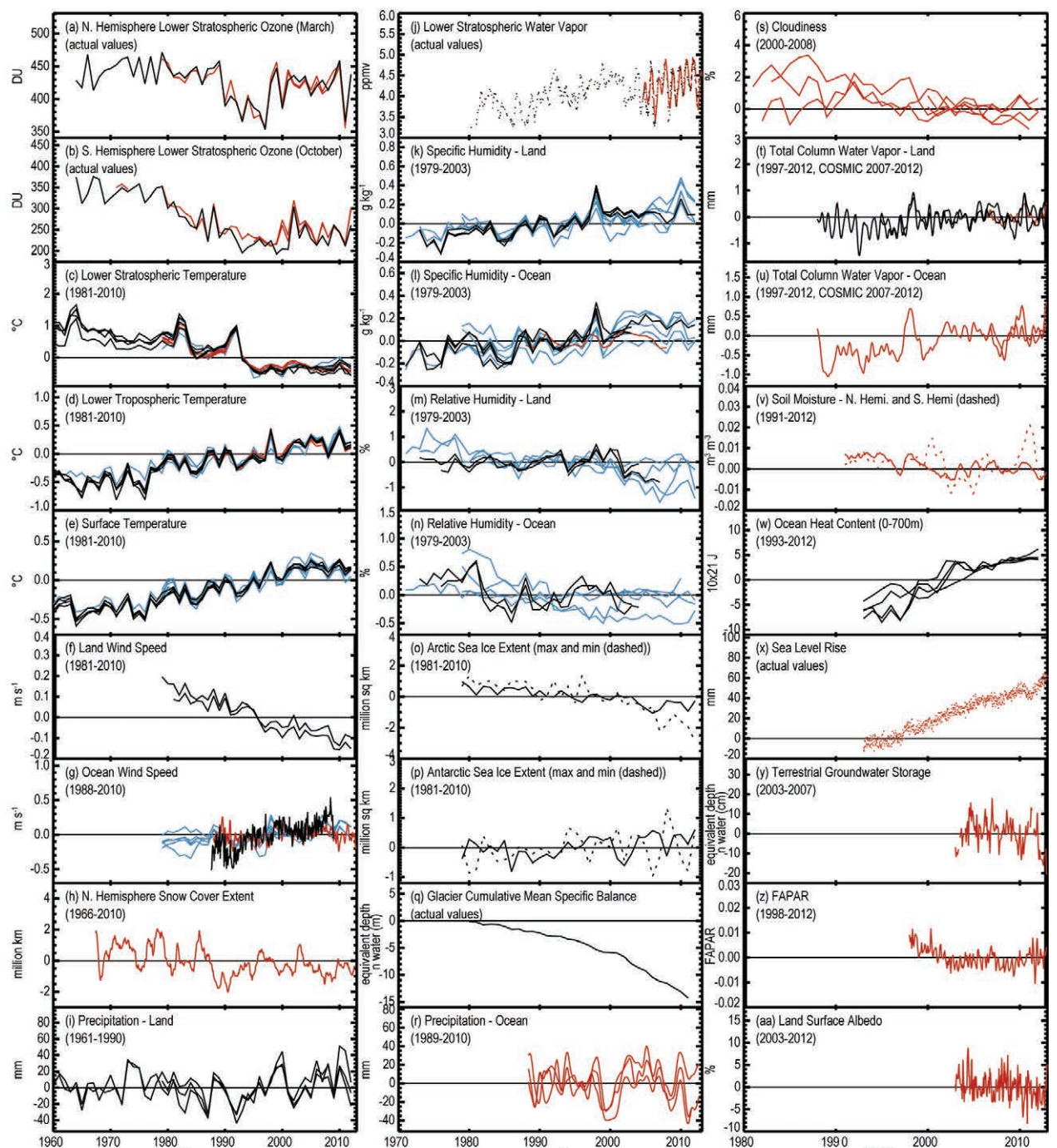
(a) N. Hemisphere Lower Stratospheric Ozone (March) (actual values)
DU
(b) S. Hemisphere Lower Stratospheric Ozone (October) (actual values)
DU
(c) Lower Stratospheric Temperature (1981-2010)
°C
(d) Lower Tropospheric Temperature (1981-2010)
°C
(e) Surface Temperature (1981-2010)
°C
(f) Land Wind Speed (1981-2010)
m s-1
(g) Ocean Wind Speed (1988-2010)
m s-1
(h) N. Hemisphere Snow Cover Extent (1966-2010)
million km
(i) Precipitation - Land (1961-1990)
mm
(j) Lower Stratospheric Water Vapor (actual values)
ppmv
(k) Specific Humidity - Land (1979-2003)
g kg-1
(l) Specific Humidity - Ocean (1979-2003)
g kg-1
(m) Relative Humidity - Land (1979-2003)
%
(n) Relative Humidity - Ocean (1979-2003)
%
(o) Arctic Sea Ice Extent (max and min (dashed)) (1981-2010)
million sq km
(p) Antarctic Sea Ice Extent (max and min (dashed)) (1981-2010)
million sq km
(q) Glacier Cumulative Mean Specific Balance (actual values)
equivalent depth in water (m)
(r) Precipitation - Ocean (1989-2010)
mm
(s) Cloudiness (2000-2008)
%
(t) Total Column Water Vapor - Land (1997-2012, COSMIC 2007-2012)
mm
(u) Total Column Water Vapor - Ocean (1997-2012, COSMIC 2007-2012)
mm
(v) Soil Moisture - N. Hemi. and S. Hemi (dashed) (1991-2012)
m3 m-3
(w) Ocean Heat Content (0-700m) (1993-2012)
10x21 J
(x) Sea Level Rise (actual values)
mm
(y) Terrestrial Groundwater Storage (2003-2007)
equivalent depth in water (cm)
(z) FAPAR (1998-2012)
FAPAR
(aa) Land Surface Albedo (2003-2012)
%
1960
1970
1980
1990
2000
2010