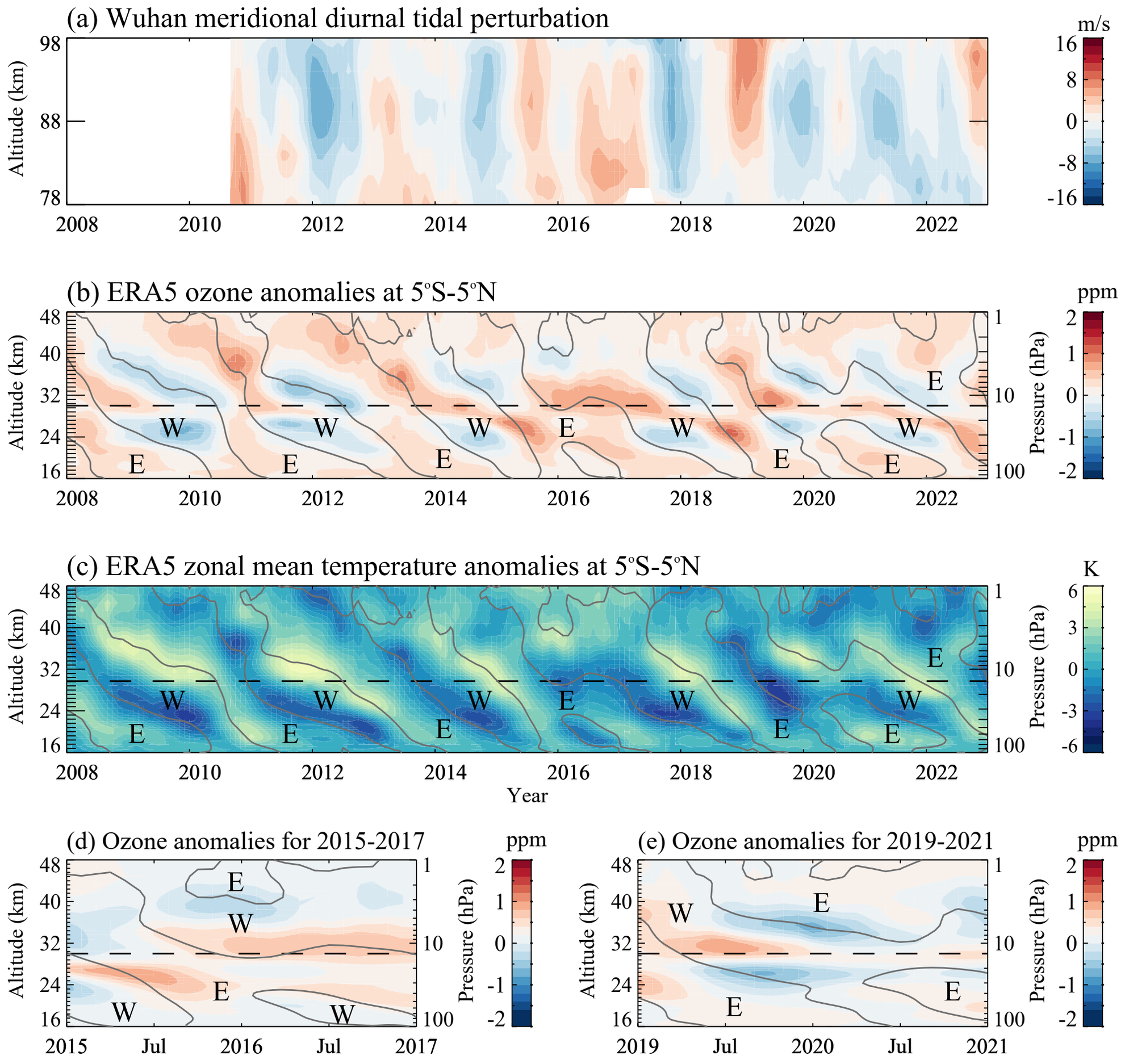
(a) Wuhan meridional diurnal tidal perturbation
m/s
Altitude (km)
98
88
78
2008
2010
2012
2014
2016
2018
2020
2022
16
8
0
-8
-16
(b) ERA5 ozone anomalies at 5°S-5°N
ppm
Altitude (km)
Pressure (hPa)
48
40
32
24
16
1
10
100
W
E
2
1
0
-1
-2
(c) ERA5 zonal mean temperature anomalies at 5°S-5°N
K
Year
6
3
0
-3
-6
(d) Ozone anomalies for 2015-2017
2015
Jul
2016
Jul
2017
(e) Ozone anomalies for 2019-2021
2019
Jul
2020
Jul
2021