

Simultaneous measurements of O⁺ and H⁺ temperature Arecibo

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Neutral winds and temperature in the tropical mesosphere and lower thermosphere during January 1993: Observation and comparison with TIME-GCM results. <i>Journal of Geophysical Research</i> , 1997, 102, 11507-11519.	3.3	25
2	Evidence for recombination as a significant source of metastable helium. <i>Journal of Geophysical Research</i> , 1998, 103, 11595-11603.	3.3	9
3	MU radar observations of H ⁺ ions in the topside ionosphere. <i>Journal of Geophysical Research</i> , 1998, 103, 20697-20704.	3.3	2
4	The effects of meridional neutral winds on the O ⁺ -H ⁺ transition altitude over Arecibo. <i>Journal of Geophysical Research</i> , 1998, 103, 29183-29198.	3.3	35
5	Longitudinal and seasonal variations in nighttime plasma temperatures in the equatorial topside ionosphere during solar maximum. <i>Journal of Geophysical Research</i> , 1999, 104, 2603-2611.	3.3	41
6	Interhemispheric plasma flows in the equatorial topside ionosphere. <i>Journal of Geophysical Research</i> , 2000, 105, 18457-18464.	3.3	31
7	Measurements of the topside ionosphere over Arecibo during the total solar eclipse of February 26, 1998. <i>Journal of Geophysical Research</i> , 2000, 105, 23055-23067.	3.3	31
8	Upper atmospheric observations at the Arecibo Observatory: Examples obtained using new capabilities. <i>Journal of Geophysical Research</i> , 2000, 105, 18609-18637.	3.3	34
9	Bimodality in the climatological topside electron and exospheric temperature distributions at Arecibo. <i>Radio Science</i> , 2001, 36, 311-324.	0.8	0
10	Incoherent scatter spectral bandwidth and its applications. <i>Radio Science</i> , 2002, 37, 18-1-18-9.	0.8	2
11	Case study of the 15 July 2000 magnetic storm effects on the ionosphere-driver of the positive ionospheric storm in the winter hemisphere. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	46
12	Comparison of the He ⁺ layer observed over Arecibo during solar maximum and solar minimum with CTIP model results. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	15
13	Solar cycle variability of nighttime topside helium ion concentrations over Arecibo. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	25
14	Ion temperature crests and troughs in the morning sector of the low-latitude and midlatitude topside ionosphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	14
15	Generation of metastable helium and the 1083 nm emission in the upper thermosphere. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	15
16	An energy balance study of the lower topside ionosphere using the Arecibo incoherent scatter radar and heating facilities. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	9
17	Daytime F region ion energy balance at Arecibo for moderate to high solar flux conditions. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	18
18	Molecular ion composition measurements in the F1 region at Arecibo. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	14

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19	Empirical model of variations in the helium 1083 nm emission. 2. Temperature. <i>Geomagnetism and Aeronomy</i> , 2009, 49, 670-678.	0.2	1
20	Behavior of the O ⁺ /H ⁺ transition height during the extreme solar minimum of 2008. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	121
21	Measurements of the O ⁺ to H ⁺ transition height and ion temperatures in the lower topside ionosphere over Arecibo for equinox conditions during the 2008–2009 extreme solar minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4465-4470.	0.8	28
22	Topside equatorial ionospheric density, temperature, and composition under equinox, low solar flux conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3899-3912.	0.8	16
23	Daytime ion and electron temperatures in the topside ionosphere at middle latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2202-2209.	0.8	3
24	Measurement of Individual H ⁺ and O ⁺ Ion Temperatures in the Topside Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1525-1533.	0.8	1
25	Estimation of Ion Temperature in the Upper Ionosphere Along the Swarm Satellite Orbits. <i>Earth and Space Science</i> , 2021, 8, e2021EA001925.	1.1	9