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631	178	Heelis	Rod	<b>THE IONOSPHERE UNDER AN EXTREMELY QUIET SUN</b> <i>ROD A. HEELIS</i>	206-FRI-O0830-0631
947	865	Fang	Tzu-Wei	<b>CURRENT SYSTEM IN THE DAYTIME AND POST-SUNSET IONOSPHERE</b> <i>TZU-WEI FANG, Arthur Richmond, Jann-Yenq Liu, Astrid Maute</i>	206-FRI-O0900-0947
619	724	Batista	Inez	<b>EQUATORIAL IONIZATION ANOMALY: THE ROLE OF THERMOSPHERIC WINDS AND THE EFFECTS OF THE GEOMAGNETIC FIELD SECULAR VARIATION</b> <i>INEZ S. BATISTA, Erica M. Diogo, Jonas R. Souza, M. A. Abdu, G. J. Bailey</i>	206-FRI-O0915-0619
744	793	Paxton	Larry	<b>GLOBAL OBSERVATIONS OF THE EQUATORIAL IONOSPHERE BY UV REMOTE SENSING</b> <i>LARRY PAXTON, Joseph Comberiate, Hyosub Kil, Robert Schaefer, Brian Wolven, Yongliang Zhang, Daniel Morrison</i>	206-FRI-O0945-0744
590	698	Watanabe	Shigeto	<b>FAST THERMOSPHERIC WIND JET AT THE EARTH'S DIP EQUATOR</b> <i>SHIGETO WATANABE, Huixin Liu, Tsutomu Kondo</i>	206-FRI-O1030-0590
618	219	Kimura	Huixin	<b>A SOLAR TERMINATOR WAVE IN THERMOSPHERIC WIND AND DENSITY SIMULTANEOUSLY OBSERVED BY CHAMP</b> <i>HUIXIN LIU, HERMANN LUEHR, SHIGETO WATANABE</i>	206-FRI-O1045-0618
22	157	Su	Shin-Yi	<b>GLOBAL/SEASONAL/LOCAL-TIME VARIATIONS OF ION DENSITY STRUCTURE AT LOW-LATITUDE IONOSPHERE AND THEIR RELATIONSHIP TO THE POST-SUNSET EQUATORIAL IRREGULARITY OCCURRENCES</b> <i>Shin-Yi Su, M. Q. Chen, C. K. Chao, and C. H. Liu</i>	206-FRI-O1100-0022

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916	880	Yokoyama	Tatsuhiko	<b>THREE-DIMENSIONAL SIMULATION OF THE COUPLED PERKINS AND ES LAYER INSTABILITIES IN THE NIGHTTIME MIDLATITUDE IONOSPHERE</b> <i>TATSUHIRO YOKOYAMA, David L. Hysell, Yuichi Otsuka, Mamoru Yamamoto</i>	206-FRI-O1115-0916
103	334	Sidorova	Larissa	<b>LONGITUDINAL STATISTICS OF THE TOPSIDE HE+ DENSITY DEPLETIONS AND THE EQUATORIAL F-REGION IRREGULARITIES: COMPARISON STUDY</b> <i>LARISSA SIDOROVA</i>	206-FRI-O1130-0103
536	557	Muralikrishna	Polinaya	<b>ROLE OF METEORIC DUST IN THE E-REGION DYNAMICS</b> <i>POLINAYA MURALIKRISHNA, V. H. Kulkarni</i>	206-FRI-O1145-0536
1168	1003	Lin	Charles	<b>LONGITUDINAL STRUCTURE OF THE MID- AND LOW-LATITUDE IONOSPHERE OBSERVED BY FORMOSAT-3/COSMIC AND GPS NETWORK</b> <i>CHARLES LIN, J. Y. Tiger Liu, C. H. Chen, C. H. Liu, H. F. Tsai</i>	206-FRI-O1330-1168
714	746	Kil	Hyosub	<b>THE CAUSAL LINK OF THE DE 3 TIDE, VERTICAL DRIFT, AND PLASMA DENSITY</b> <i>HYOSUB KIL, Tzu-Wei Fang, Seung-Jun Oh, Elsayed Talaat, Larry Paxton</i>	206-FRI-O1400-0714
1333	1086	Talaat	Elsayed	<b>THE EFFECT OF SOLAR CYCLE ON THE COUPLING BETWEEN THE LOWER ATMOSPHERE AND IONOSPHERE</b> <i>Elsayed R. Talaat</i>	206-FRI-O1430-1333
195	408	Pant	Tarun	<b>EQUATORIAL COUNTER ELECTROJETS AND POLAR STRATOSPHERIC SUDDEN WARMINGS - STUDY OF THE VERTICAL AND LATERAL COUPLING IN THE EQUATORIAL IONOSPHERE</b> <i>TARUN KUMAR PANT, C. Vineeth, R. Sridharan</i>	206-FRI-O1445-0195

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1228	1011	Nakamura	Takuji	<b>LONGITUDINAL DIFFERENCE OF THE MESOSPHERE/LOWER THERMOSPHERE STRUCTURES OBSERVED WITH GOUND-BASED LIDAR, AIRGLOW AND RADAR MEASUREMENTS BETWEEN JAPAN (~135E) AND COLORADO (~105W)</b> <i>TAKUJI NAKAMURA, M. K. Ejiri, J. Yue, C.-Y. She, T. D. Kawahara, K.Shiokawa</i>	206-FRI-O1530-1228
1173	1022	Liu	J. Y. Tiger	<b>SEISMO-IONOSPHERIC GPS TEC ANOMALIES OBSERVED BEFORE THE 12 MAY 2008 MW 7.9 WENCHUAN EARTHQUAKE</b> <i>J. Y. TIGER LIU, Y. I. Chen, K. I. Oyama, K. Hattori, C. H. Lin</i>	206-FRI-O1600-1173
240	428	Kherani	Esfhan Alam	<b>DISTURBANCES GENERATED NEAR EARTH'S SURFACE, ATMOSPHERE AND IONOSPHERE CAUSED BY TINY MECHANICAL DEFORMATION OF ROCK IN THE LITHOSPHERE: A THEORETICAL APPROACH TO SEARCH FOR EARTHQUAKE PRECURSOR</b> <i>Esfhan Alam Kherani, P. Lognonne, E.R.de Paula, H. Herbert</i>	206-FRI-O1615-0240
175	321	Klimenko	Maxim	<b>ABOUT THE POSSIBLE MECHANISM OF FORMATION OF EARTHQUAKE IONOSPHERIC PRECURSORS IN WENCHUAN</b> <i>MAXIM KLIMENKO, Vladimir Klimenko, Biqiang Zhao, Irina Zakharenkova, Dimitar Ouzounov</i>	206-FRI-O1630-0175
334	495	Santos	Angela	<b>SOLAR FLUX EFFECTS ON THE PREREVERSAL VERTICAL DRIFT FOR SOLAR MINIMUM CONDITIONS: A COMPARISION BETWEEN OBSERVATIONAL DATA AND IRI MODEL</b> <i>ÂNGELA M. SANTOS, MANGALATHAYIL A. ABDU, PAULO A. B. NOGUEIRA</i>	206-FRI-P1700-0334

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343	498	Nogueira	Paulo	<b>A STUDY OF THE EQUATORIAL IONIZATION ANOMALY AND THERMOSPHERIC MERIDIONAL WINDS DURING QUIET AND DISTURBED PERIODS OVER BRAZILIAN LOW LATITUDES</b> <i>PAULO A. B. NOGUEIRA, MANGALATHAYIL A. ABDU, INEZ S. BATISTA, ÂNGELA M. SANTOS</i>	206-FRI-P1701-0343
262	447	De Meneses, Jr	Francisco	<b>EFFECTS OF PRESSURE-GRADIENT FORCE AND TEMPERATURE ON THE NONLINEAR COLLISIONAL-INTERCHANGE INSTABILITY IN THE F REGION: ELECTROMAGNETIC EFFECTS</b> <i>FRANCISCO C. DE MENESES, E. Alam Kherani, Polinaya Muralikrishna, Eurico R. de Paula</i>	206-FRI-P1702-0262
146	338	Maestri	Maíra	<b>IONOSPHERIC CONDITIONS AFFECTING THE MORPHOLOGY OF PLASMA BUBBLES IN THE TROPICAL REGION</b> <i>MAÍRA MAESTRI, Alexandre Pimenta</i>	206-FRI-P1703-0146
169	389	Lopes	Lindalva	<b>SIMULTANEOUS MEASUREMENTS OF DARK BAND STRUCTURES IN THE OI 630 NM EMISSION ALL-SKY IMAGES ASSOCIATED WITH RAYLEIGH-TAYLOR INSTABILITY AND PERKINS INSTABILITY</b> <i>LINDALVA LOPES, A. A. Pimenta</i>	206-FRI-P1704-0169
128	334	Sidorova	Larissa	<b>TOPSIDE PLASMA BUBBLES, SEEN AS HE<sup>+</sup> DENSITY DEPLETIONS, AND THERMOSPHERE MERIDIONAL WIND INFLUENCE</b> <i>LARISSA SIDOROVA, Sergey Filippov</i>	206-FRI-P1705-0128

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133	319	Amorim	Danielle	<b>RELEVANT ASPECTS OF THERMOSPHERIC DARK BAND STRUCTURE RELATED WITH MIDLATITUDES SPREAD F OBSERVED BY ALL-SKY IMAGING SYSTEM IN THE SOUTHERN HEMISPHERE OVER TWO FULL SOLAR CYCLE</b> <i>DANIELLE AMORIM, Alexandre Pimenta</i>	206-FRI-P1706-0133
90	321	Klimenko	Maxim	<b>FORMATION OF LARGE-SCALE LATITUDINAL IRREGULARITIES OF ELECTRON DENSITY IN THE EARTH'S IONOSPHERE</b> <i>MAXIM KLIMENKO, Vladimir Klimenko</i>	206-FRI-P1707-0090
933	196	Alken	Patrick	<b>MODELING THE EASTWARD EQUATORIAL ELECTRIC FIELD USING CHAMP MAGNETOMETER DATA</b> <i>Patrick Alken, S. Maus, C. Manoj</i>	206-FRI-P1708-0933
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54	229	Muella	Marcio	<b>CONJUGATE POINT OBSERVATIONS OF KILOMETER AND METER SCALES IRREGULARITY ZONAL DRIFT VELOCITIES</b> <i>MARCIO MUELLA, Eurico de Paula, Jose Humberto Sobral, Keith Groves</i>	206-FRI-P1710-0054
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1289	1072	Lima	Lourivaldo	<b>OBSERVATIONAL EVIDENCE FOR MESOSPHERE-IONOSPHERE COUPLING THROUGH LONG-PERIOD OSCILLATIONS</b> <i>LOURIVALDO M. LIMA, Inez S. Batista, Mangalathayil A. Abdu, Paulo P. Batista, Barclay R. Clemesha, Hisao Takahashi</i>	206-FRI-P1712-1289

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91	322	Klimenko	Vladimir	<b>COMPARISON OF MODEL CALCULATION RESULTS AND DATA OBSERVATION OF IONOSPHERIC PRECURSORS OF STRONG EARTHQUAKE IN VANIMO ON JULY, 16, 1980</b> <i>Maxim Klimenko, VLADIMIR KLIMENKO, Sergei Pulinets</i>	206-FRI-P1713-0091
332	490	Resende	Laysa	<b>STUDIES OF THE SPACE WEATHER EFFECTS ON THE IONOSPHERIC ENVIRONMENT AT THE BRAZILIAN SECTOR DURING DISTURBED PERIODS AS SEEN IN THE E-REGION PARAMETERS</b> <i>LAYSA C. A. RESENDE, Clezio M. Denardini, Lais M. Guizelli, Pedro S. C. Almeida, Henrique C. Aveiro</i>	206-FRI-P1714-0332
304	449	Astafyeva	Elvira	<b>INTERPLANETARY MAGNETIC AND ELECTRIC FIELDS: DETERMINANTS FOR THE DEVELOPMENT OF IONOSPHERE SUPERSTORMS?</b> <i>ELVIRA ASTAFYEVA, Pavel Tatarinov</i>	206-FRI-P1716-0304
1230	1047	Haralambous	Haris	<b>MONITORING OF IONOSPHERIC WEATHER OVER CYPRUS AND EGYPT: FIRST RESULTS</b> <i>HARIS HARALAMBOUS, A. Mahrous, P. Vryonides, A. Shemis</i>	206-FRI-P1717-1230
919	611	Fritts	David	<b>GRAVITY WAVE COUPLING FROM LOWER ALTITUDES INTO THE THERMOSPHERE AND IONOSPHERE: ANTICIPATED NEUTRAL AND PLASMA RESPONSES</b> <i>DAVID FRITTS</i>	206-SAT-O0830-0919
474	599	Vadas	Sharon	<b>THE RESPONSE OF THE THERMOSPHERE AND IONOSPHERE TO THE DISSIPATION OF GRAVITY WAVES GENERATED FROM DEEP CONVECTION</b> <i>Sharon L. Vadas, H.-Li Liu</i>	206-SAT-O0900-0474

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1104	976	Suzuki	Shin	<b>CHARACTERISTICS OF EQUATORIAL GRAVITY WAVES DERIVED FROM MESOSPHERIC AIRGLOW IMAGING OBSERVATIONS</b> <i>SHIN SUZUKI, Kazuo Shiokawa, Alan Z. Liu, Yuichi Otsuka, Tadahiko Ogawa, Takuji Nakamura</i>	206-SAT-O0915-1104
420	556	Takahashi	Hisao	<b>MESOSPHERE-IONOSPHERE COUPLING LOOKING FROM PENETRATION OF GRAVITY WAVES IN THE EQUATORIAL REGION</b> <i>HISAO TAKAHASHI, C. M. Wrasse, M. J. Taylor, P. D. Pautet, A. F. Medeiros, D. Gobbi, M. A. Abdu, I. S. Batista, E. Paula, J.H.A. Sobral, S. L. Vadas, D. Fritts</i>	206-SAT-O0930-0420
597	546	Abdu	Mangalathayil	<b>THE ROLE OF UPWARD PROPAGATING WAVES IN THE EQUATORIAL SPREAD F DAY-TO-DAY VARIABILITY</b> <i>MANGALATHAYIL A. ABDU, E. A. Kherani, C. G. M. Brum, I. S. Batista, J. H. A. Sobral</i>	206-SAT-O1030-0597
117	242	Pancheva	Dora	<b>CLIMATOLOGY OF THE ~5-DAY ROSSBY AND ~6-DAY KELVIN WAVES SEEN IN THE SABER/TIMED TEMPERATURES (2002-2007)</b> <i>DORA PANCHEVA, Plamen Mukhtarov, Borislav Andonov</i>	206-SAT-O1045-0117
279	461	Subramanian	Gurubaran	<b>PLANETARY WAVE COUPLING OF EQUATORIAL ATMOSPHERE-IONOSPHERE SYSTEM DURING FEBRUARY-APRIL 2008: RESULTS FROM A CAUSES-INDIA CAMPAIGN</b> <i>GURUBARAN SUBRAMANIAN, R. Dhanya, S. Sathishkumar</i>	206-SAT-O1115-0279
1360	1123	Nandhan	Sathishkumar	<b>VARIABILITIES OF MESOSPHERIC TIDES AND EQUATORIAL ELECTROJET STRENGTH DURING SUDDEN STRATOSPHERIC WARMING EVENTS</b> <i>S. Sathishkumar, S. Sridharan, S. Gurubaran</i>	206-SAT-O1145-1360

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603	708	Kikuchi	Takashi	<b>PENETRATION OF MAGNETOSPHERIC ELECTRIC FIELDS TO THE LOW LATITUDE IONOSPHERE DURING GEOMAGNETIC STORMS</b> <i>TAKASHI KIKUCHI, Kumiko K. Hashimoto, Atsuki Shinbori, Yuji Tsuji, Shin-Ichi Watari</i>	206-SAT-O1330-0603
591	74	Lu	Gang	<b>EFFECTS OF PROMT PENETRATION ELECTRIC FIELD AND NEUTRAL WIND DYNAMO ON THE IONOSPHERE AND THERMOSPHERE: A COMPARATIVE STUDY OF OBSERVATIONS AND SIMULATIONS</b> <i>GANG LU</i>	206-SAT-O1400-0591
37	201	Nanan	Balan	<b>F3 LALER AS AN INDICATOR OF PROMPT PENETRATION ELECTRIC FIELD</b> <i>NANAN BALAN, K. Shiokawa, Y. Otsuka, T. Kikuchi</i>	206-SAT-O1430-0037
176	322	Klimenko	Vladimir	<b>COMPARISON OF SIMULATION RESULTS OF THE IONOSPHERIC EFFECTS OF GEOMAGNETIC STORM SEQUENCE ON SEPTEMBER, 9-14, 2005 WITH EXPERIMENTAL DATA</b> <i>Maxim Klimenko, VLADIMIR KLIMENKO, Konstantin Ratovsky, Larisa Goncharenko</i>	206-SAT-O1445-0176
1052	350	Bhattacharyya	Archana	<b>EQUATORIAL PLASMA BUBBLE DEVELOPMENT DUE TO MAGNETOSPHERIC FORCING</b> <i>ARCHANA BHATTACHARYYA, Bharati Kakad, S. Sripathi, Diwakar Tiwari</i>	206-SAT-O1530-1052
53	229	Muella	Marcio	<b>SPATIAL AND TEMPORAL DEPENDENCE OF STORM-TIME TEC GRADIENTS AND L-BAND SCINTILLATIONS</b> <i>MARCIO MUELLA, Alam Kherani, Eurico de Paula, Paul Kintner, Ivan Kantor, Cathryn Mitchell, Inez Batista</i>	206-SAT-O1600-0053

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1273	11	Bonelli	Enivaldo	<b>A DETAILED DISCUSSION OF EFFECTS OF GEOMAGNETIC STORMS ON THE DYNAMICS AND ELECTRODYNAMICS OF THE EQUATORIAL UPPER ATMOSPHERE</b> <i>ENIVALDO BONELLI</i>	206-SAT-O1615-1273
1179	360	Dashora	Nirvikar	<b>DIRECT RESPONSE TO PROMPT PENETRATION ELECTRIC FIELD IN LOW LATITUDE IONOSPHERE AND COMPLEX INTERPLAY OF TIDS AND FOUNTAIN EFFECT</b> <i>Nirvikar Dashora, R. S. Dabas, S. Alex, R. Pandey</i>	206-SAT-O1630-1179
213	383	Narayanan	Viswanathan	<b>UNUSUAL OBSERVATION OF FILAMENTARY STRUCTURES IN OI 557.7 NM EMISSION OVER PANHALA (17ON, 74.2OE GEOGRAPHIC; 8.43ON GEOMAGNETIC LATITUDE) DURING A MODERATE MAGNETIC STORM</b> <i>VISWANATHAN LAKSHMI NARAYANAN, S. Gurubaran, K. Emperumal</i>	206-SAT-O1645-0213