Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

01–Dec–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at $r > 3R_E$. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

02−Dec−2013
Top row: 24h footprints: RBSP−A RBSP−B
Bottom rows: Periods when both RBSP−A/B are at r > 3R_Ε. Also with: C1 C2 C3 C4 THA THD THE

(a) 0000UT to 0015UT
(b) 0225UT to 0555UT
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

03–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

04–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

(a) 0000UT to 0305UT
ade bks cly cvw fhw hok kod
dce sps

(b) 0510UT to 0610UT
ade adw cly cvw fhw hok ksr
zhv
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

05–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

06-Dec-2013
Top row: 24h footprints: RBSP−A RBSP−B
Bottom rows: Periods when both RBSP−A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

(a) 0000UT to 0015UT
(b) 0220UT to 0300UT
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

07–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at \( r > 3R_E \). Also with: C1 C2 C3 C4 THA THD THE

(a) 0000UT to 0320UT
ade bka clx cve cvw fhw hok kod pgr
dce sps

(b) 0525UT to 0600UT
ade adw cly cvw fhw hok ksr
zhk
(c) 0805UT to 1220UT
adw pyk

(d) 1425UT to 1455UT
cove the wal

(e) 1705UT to 2120UT
bks cve the gbr kap sto wal

(f) 2330UT to 2355UT
ade bks cly cve cww the fhw hok ksr
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

08–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at $r > 3R_E$. Also with: C1 C2 C3 C4 THA THD THE

(a) 0205UT to 0625UT
ade adw cly cvw fhw hok kap ksr

(b) 0830UT to 0855UT
adw hok
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

09–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at \( r > 3R_E \). Also with: C1 C2 C3 C4 THA THD THE

(a) 0000UT to 0025UT
dce sps

(b) 0235UT to 0250UT
dce sps
(c) 0500UT to 0930UT
adw ksr
unw zho

(d) 1135UT to 1150UT
adw wal
zho

(e) 1355UT to 1830UT
cve fhe inv pyk wal
hal san

(f) 2035UT to 2050UT
ade bks cvw fhw wal
2255UT to 2355UT ade bks cly cvw fhw hok kod pgr dce sps
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

10–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

11–Dec–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

(a) 0150UT to 0635UT
    ade adw cly cvw fhw hok kap ksr

(b) 0845UT to 0845UT
    adw hok
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

12–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

(a) 0000UT to 0040UT
(b) 0450UT to 0940UT
(c) 1345UT to 1845UT
cve the inv wal

(d) 2245UT to 2355UT
ade bks cly cvw fhw hok kod pgr
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

13–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

(a) 0000UT to 0345UT
(b) 0745UT to 1245UT
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

14–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

(a) 0140UT to 0650UT
ade adw cly cvw fhw hok ksr

(b) 1040UT to 1550UT
han inv pyk rkn
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

15–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

16–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

(a) 0000UT to 0355UT
(b) 0735UT to 1300UT
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

17–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at $r > 3R_E$. Also with: C1 C2 C3 C4 THA THD THE

(a) 0130UT to 0700UT
(b) 1030UT to 1605UT
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

18-Dec-2013
Top row: 24h footprints: RBSP-A RBSP-B
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

19–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

20–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

(a) 0120UT to 0715UT
(b) 1020UT to 1615UT
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

21–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

22–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

23–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at \( r > 3R_E \). Also with: C1 C2 C3 C4 THA THD THE

(a) 0110UT to 0730UT
(b) 1010UT to 1630UT
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

24–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

25–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

(a) 0000UT to 0435UT
(b) 0705UT to 1340UT
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

26–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at $r > 3R_E$. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

27–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at $r > 3R_E$. Also with: C1 C2 C3 C4 THA THD THE
(c) 1255UT to 1950UT
cve the inv wal

(d) 2155UT to 2355UT
ade bks cly cvw fhw hok kod
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

28–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at $r > 3R_E$. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

29–Dec–2013
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

30–Dec–2013
Top row: 24h footprints: **RBSP–A** **RBSP–B**
Bottom rows: Periods when both RBSP–A/B are at $r > 3R_E$. Also with: **C1 C2 C3 C4 THA THD THE**
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

31–Dec–2013

Top row: 24h footprints: RBSP−A RBSP−B
Bottom rows: Periods when both RBSP−A/B are at \( r > 3R_E \). Also with: C1 C2 C3 C4 THA THD THE
(c) 1615UT to 2235UT

bks cve fhe kap sto wal