Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

01–Oct–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–Oct–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) 0035UT to 0045UT
adw bks cly cvw fhw hok wal

(b) 0250UT to 0725UT
ade adw bks cly cvw fhw hok kod ksr

sps tig unw
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

03–Oct–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–Oct–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) 0845UT to 1335UT
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

05−Oct−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) 0240UT to 0740UT
ade adw bks cly cvw fhw hok kod ksr sps tig unw

(b) 1140UT to 1640UT
han pyk rkn ker
(c) 2040 UT to 2355 UT

ade bks cve the fhw kap sto wal

dce

20

0

-20

GSE

X

Y

GSE

20

X\text{sun} (R_e)

0

-10

10

20

-20

-10

-20
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

06–Oct–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)

07–Oct–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 0450UT

(b) 0835UT to 1350UT
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

08−Oct−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) 0230UT to 0755UT
 ade adw bks cly cvw fhw hok kod ksr

(b) 1130UT to 1655UT
 han pyk rkf
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

09–Oct–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)

10–Oct–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–Oct–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) 0220UT to 0805UT
adb adw czy cvw fhw hok kap kod ksr
tig unw

(b) 1120UT to 1710UT
han pyk fkn

ker
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

12–Oct–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)

13–Oct–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) 1710UT to 2320UT
cve the gbr wal
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

14–Oct–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) 0210UT to 0820UT
ade adw cly cvw fhw hok kap ksr

(b) 1110UT to 1720UT
han pyk rkn ker
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

15–Oct–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–Oct–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) 1700UT to 2330UT
cve the gbr wal

hal
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

17–Oct–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) 0200UT to 0835UT
(b) 1100UT to 1735UT
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

18–Oct–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–Oct–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–Oct–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 0840UT
dake adw cly cvw flw hok kap ksr

(b) 1055UT to 1740UT
hank pyk fkn
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

21–Oct–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–Oct–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 0535UT
(b) 0800UT to 1435UT
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

23–Oct–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 0830UT
ade adw cly cvw fhw hok kap ksr

(b) 1105UT to 1730UT
han pyk rkn
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

24–Oct–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–Oct–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 0525UT
(b) 0815UT to 1425UT
Predicted RBSP footprints (AACGM magnetic longitude and latitude)

26–Oct–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) 0220UT to 0820UT
ade adw cly cvw fhw hok kap ksr

(b) 1120UT to 1720UT
han inv pyk
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

27–Oct–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)

28–Oct–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 0515UT

(b) 0830UT to 1415UT
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

29–Oct–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–Oct–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–Oct–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) 1745UT to 2300UT

bks cve fhe gbr kap sto wal