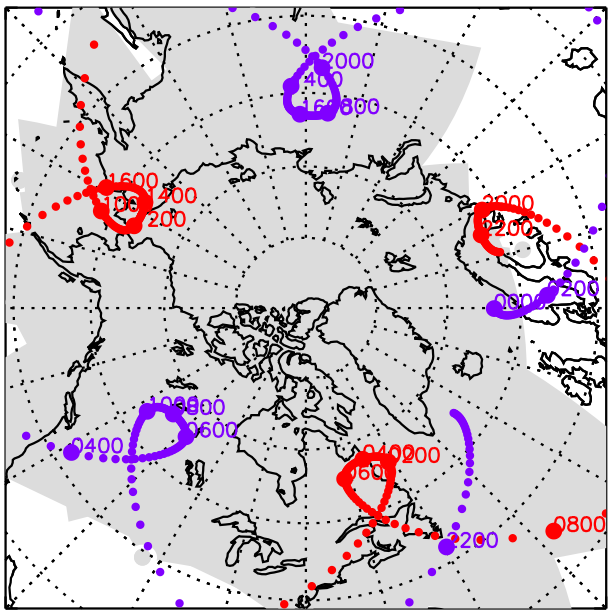
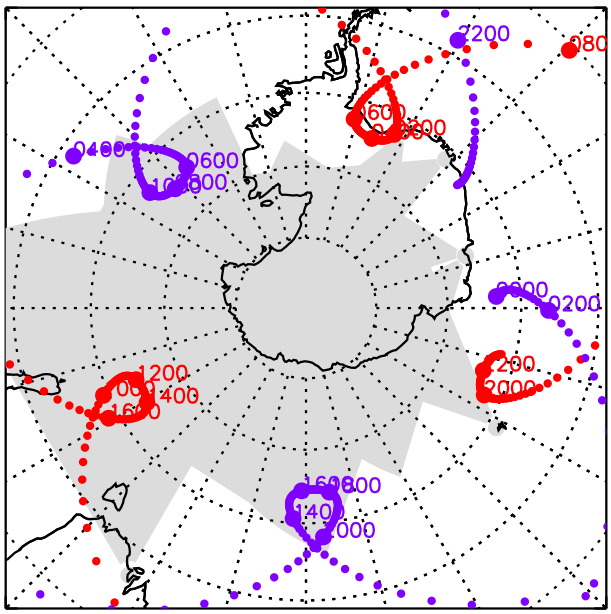
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

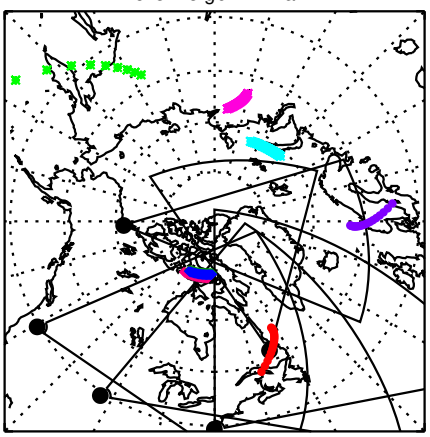
01–Nov–2016

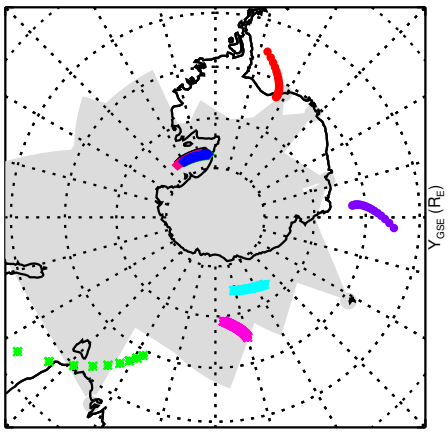
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

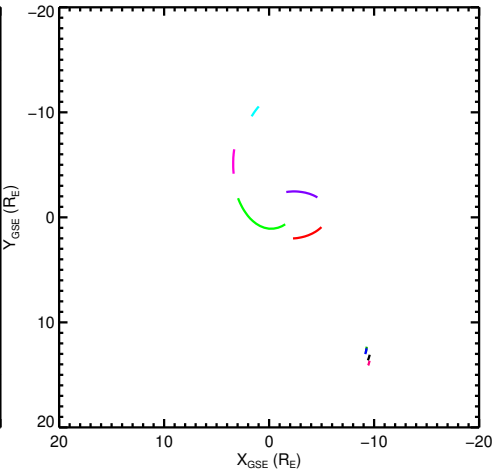




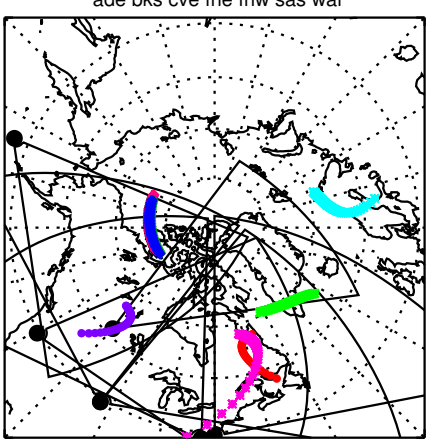
(a) 0035UT to 0210UT
cve fhe gbr inv wal



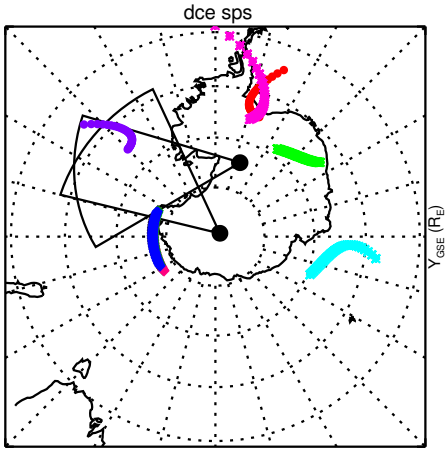


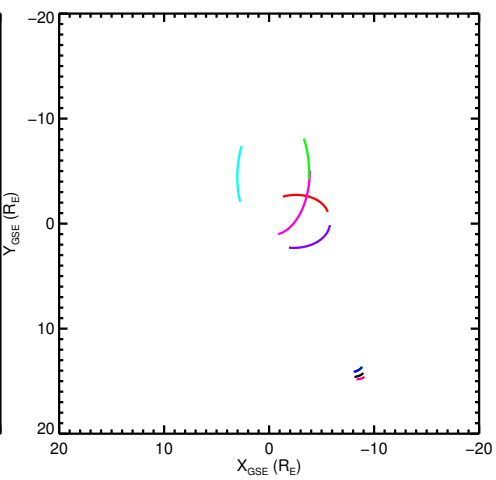


(b) 0415UT to 0725UT
ade bks cve fhe fhw sas wal

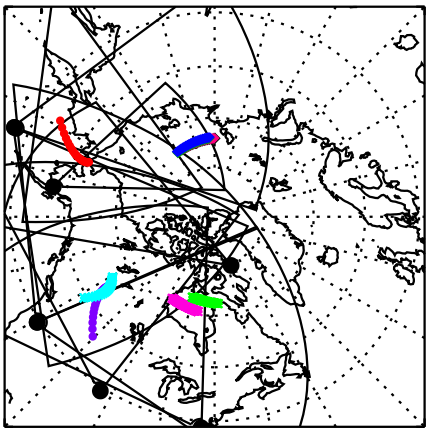


dce sps

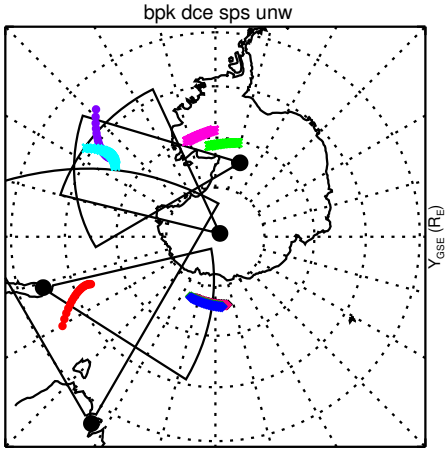


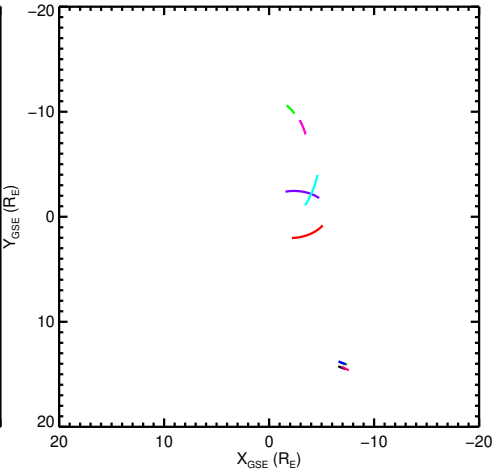


(c) 0930UT to 1115UT
ade adw bks cly cve cvw fhw hok ksr

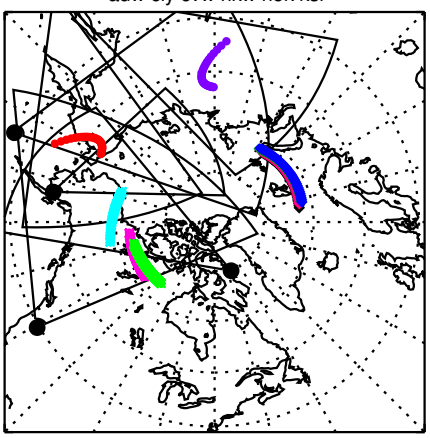


bpk dce sps unw

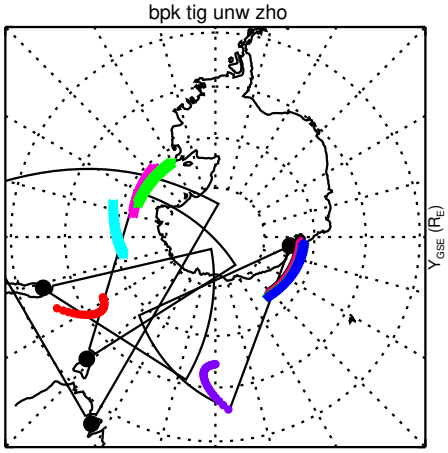


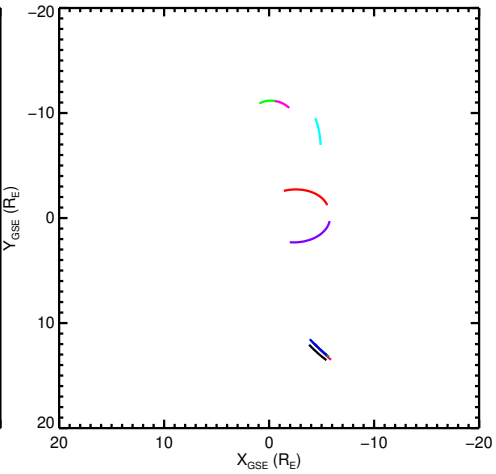


(d) 1320UT to 1620UT
adw cly cvw hkw hok ksr

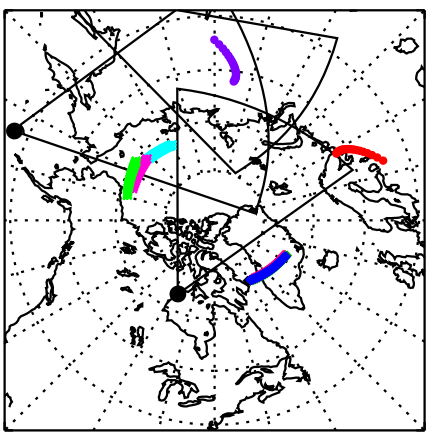


bpk tig unw zho

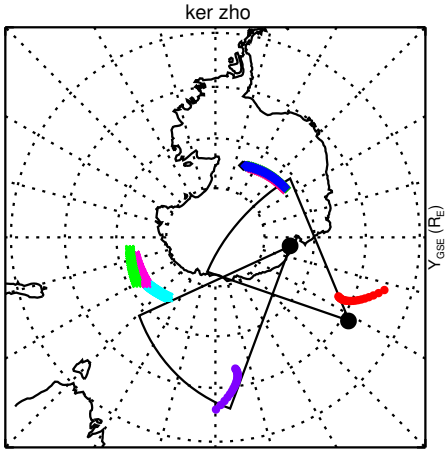


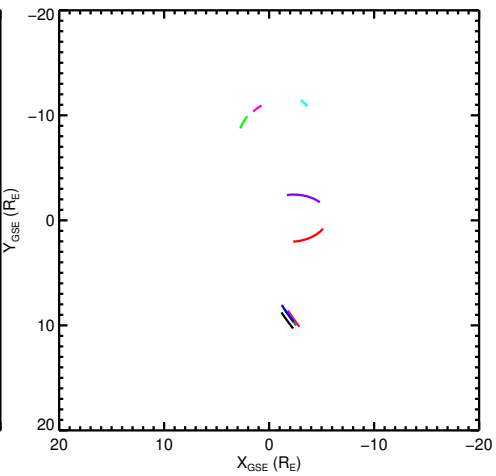


(e) 1830UT to 2015UT
adw hkw rkn

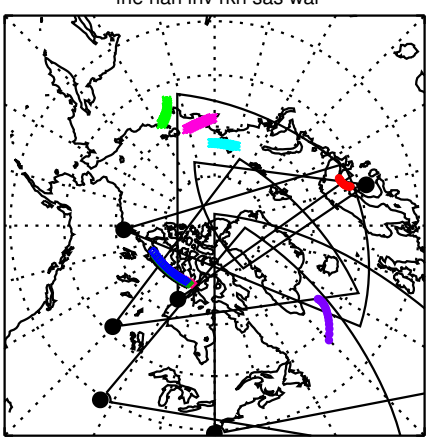


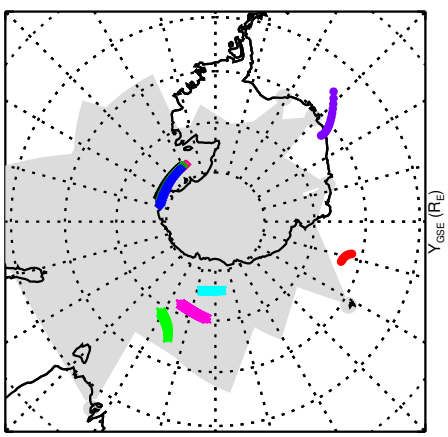
ker zho

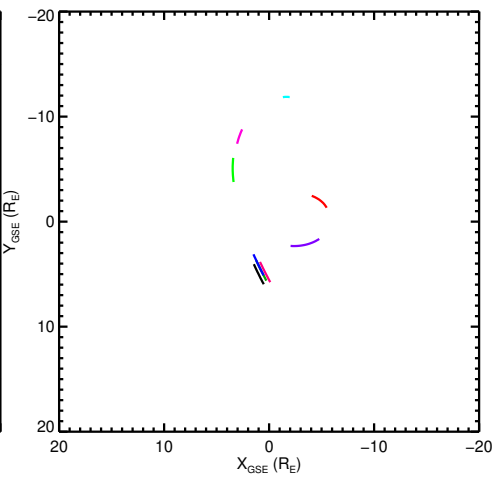




(f) 2225UT to 2355UT
fhe han inv rkn sas wal



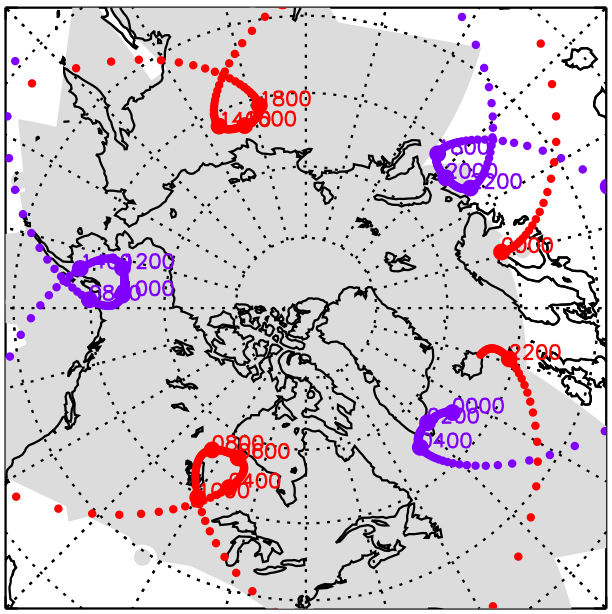


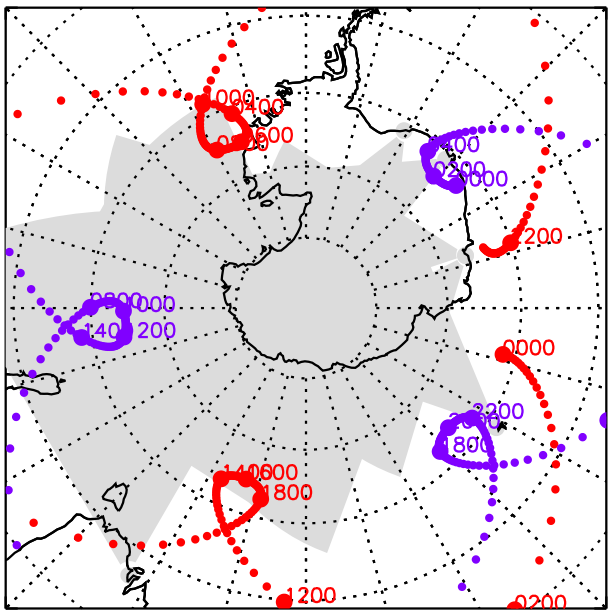


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

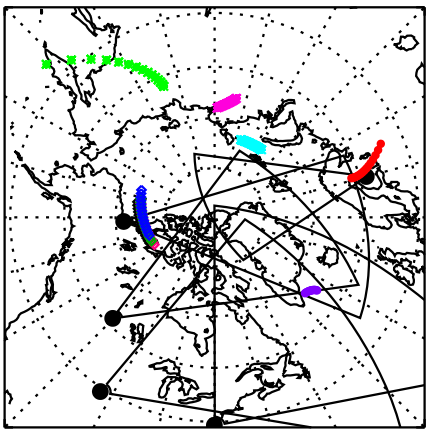
02–Nov–2016

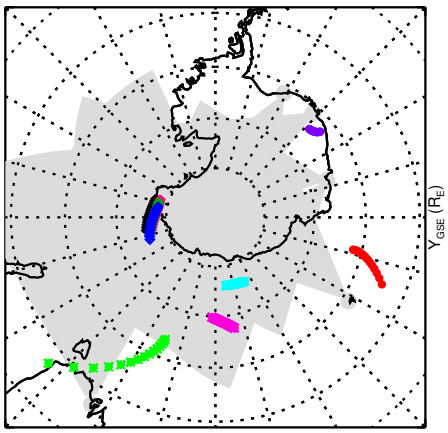
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

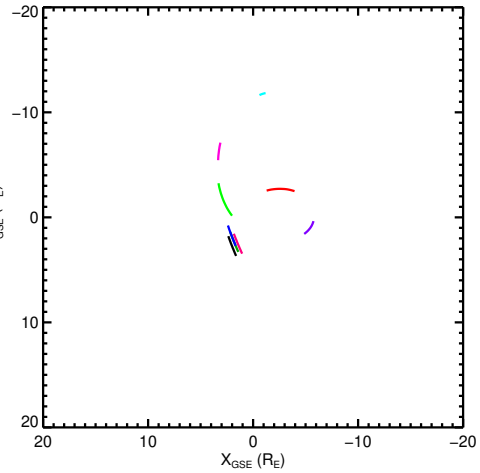




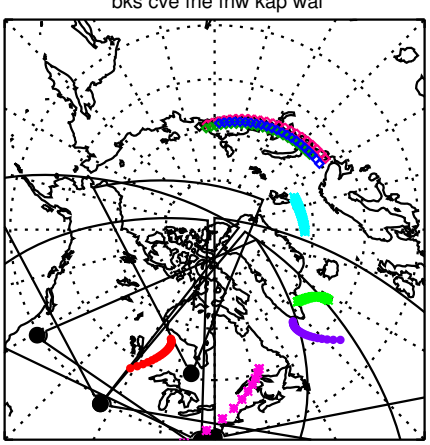
(a) 0000UT to 0120UT
fhe han inv sas wal



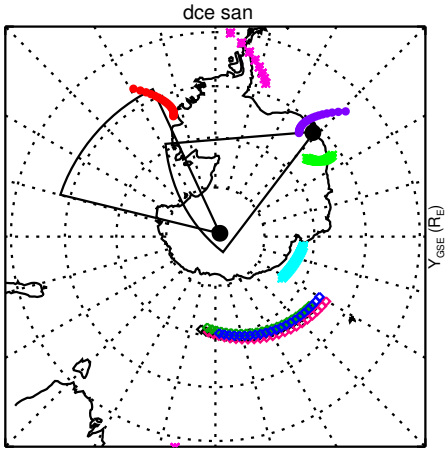


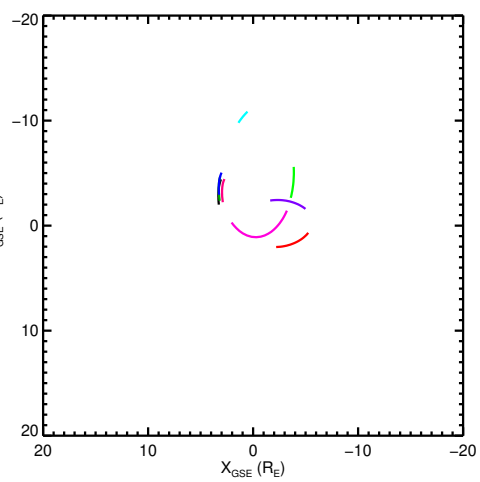


(b) 0325UT to 0520UT
bks cve fhe fhw kap wal

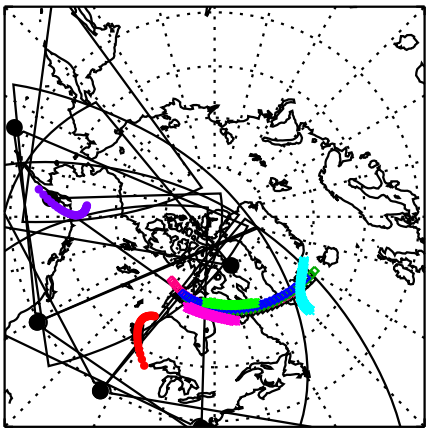


dce san

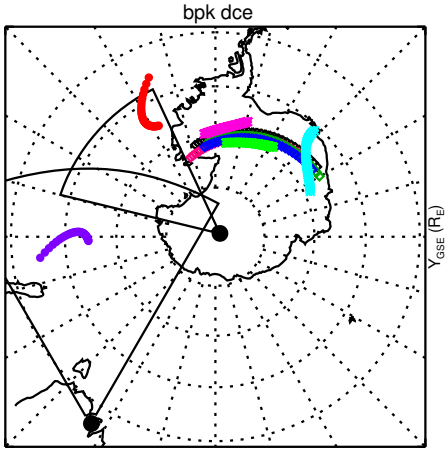


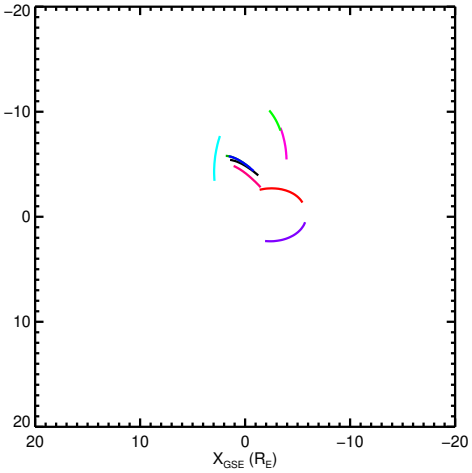


(c) 0725UT to 1015UT
ade bks cly cve cvw fhe fhw hok kod

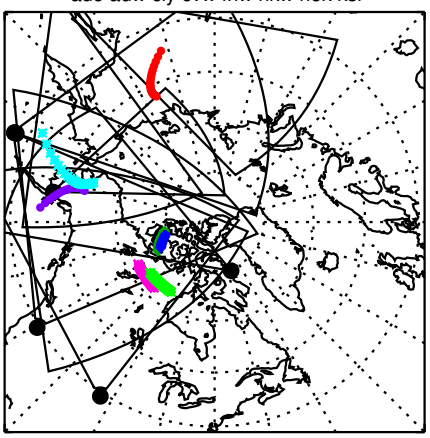


bpk dce

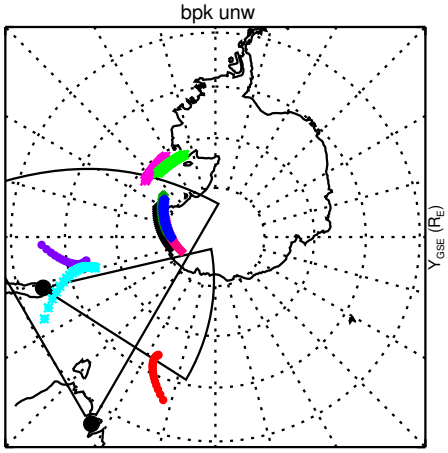


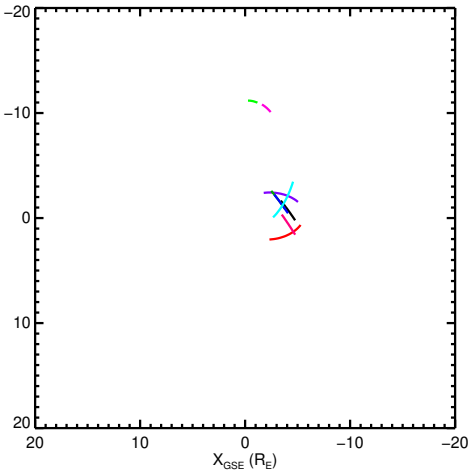


(d) 1225UT to 1420UT
ade adw cly cvw fhw hkw hok ksr

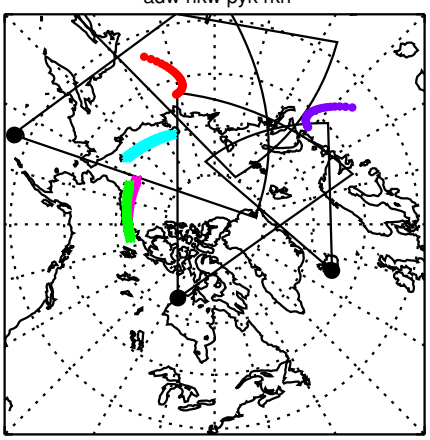


bpk unw

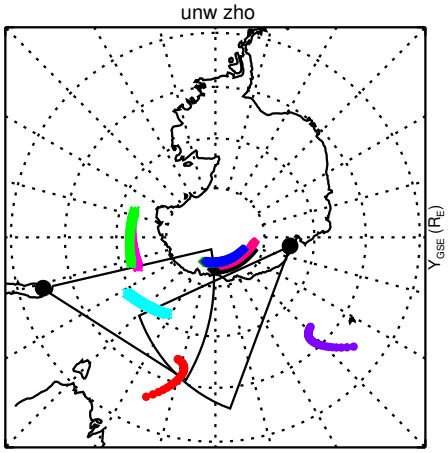


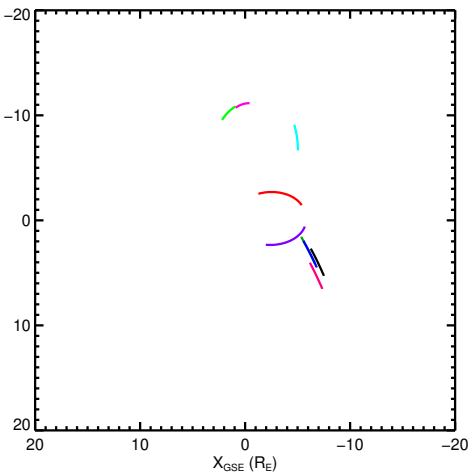


(e) 1630UT to 1915UT
adw hkw pyk rkn

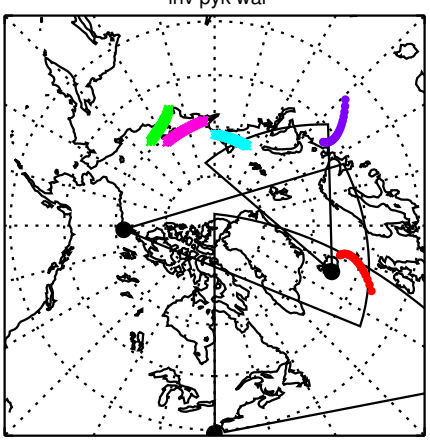


unw zho

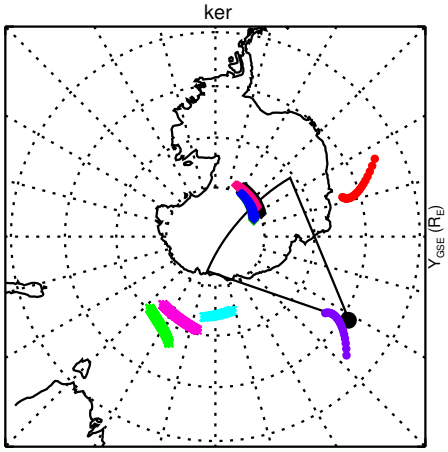


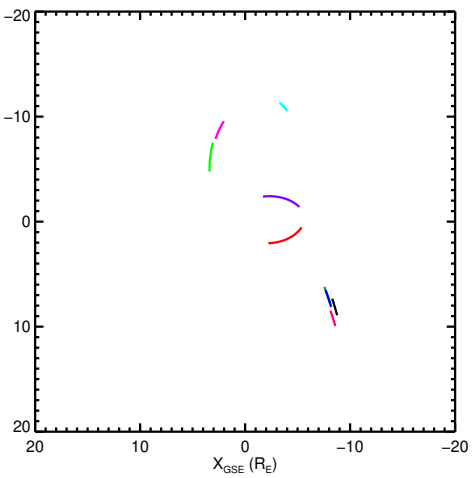


(f) 2120UT to 2325UT
inv pyk wal



ker

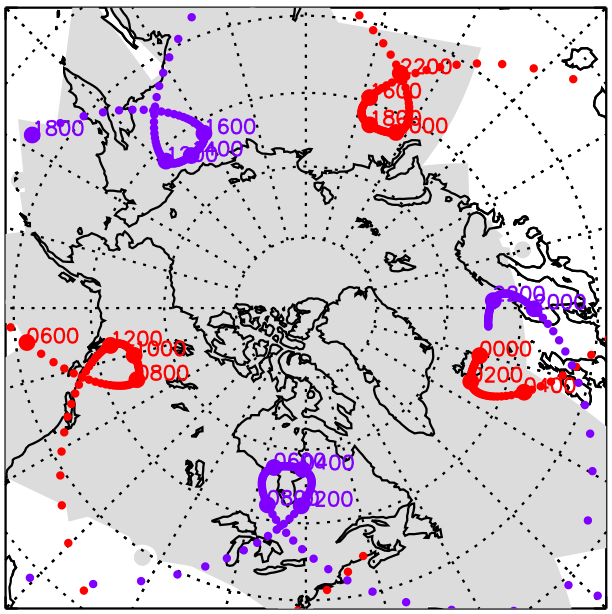


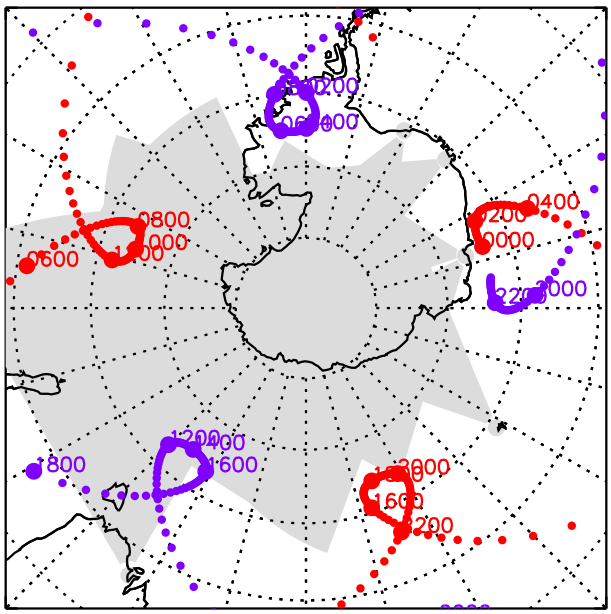


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

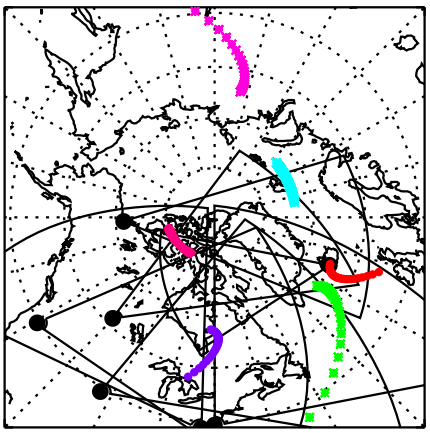
03–Nov–2016

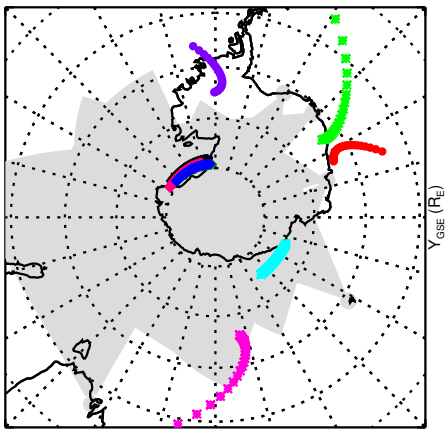
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

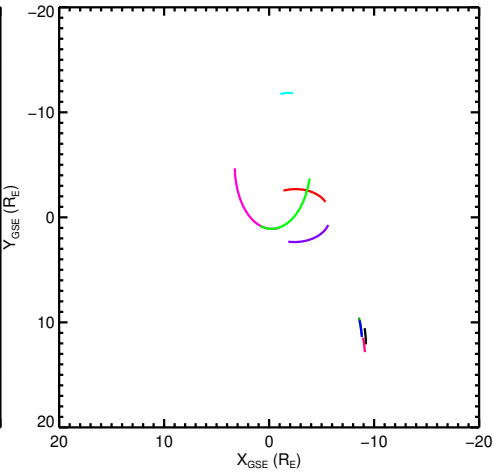




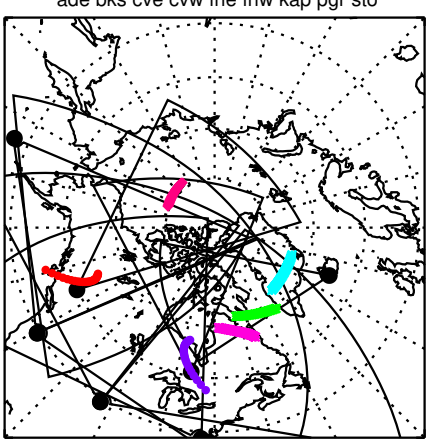
(a) 0130UT to 0410UT
bks cve fhe inv sas sto wal



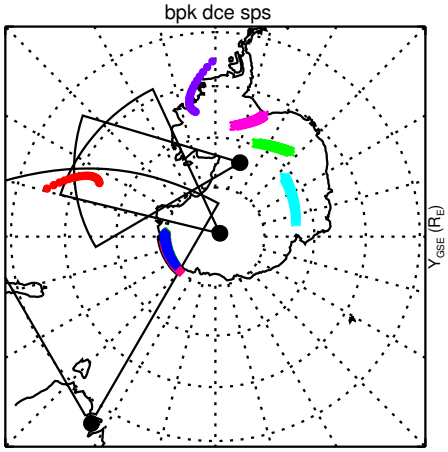


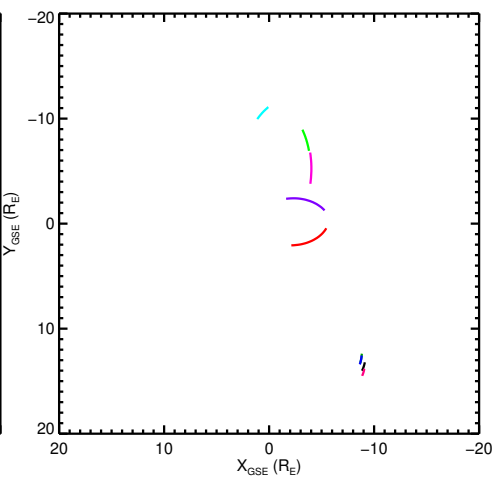


(b) 0615UT to 0830UT
ade bks cve cvw fhe fhw kap pgr sto



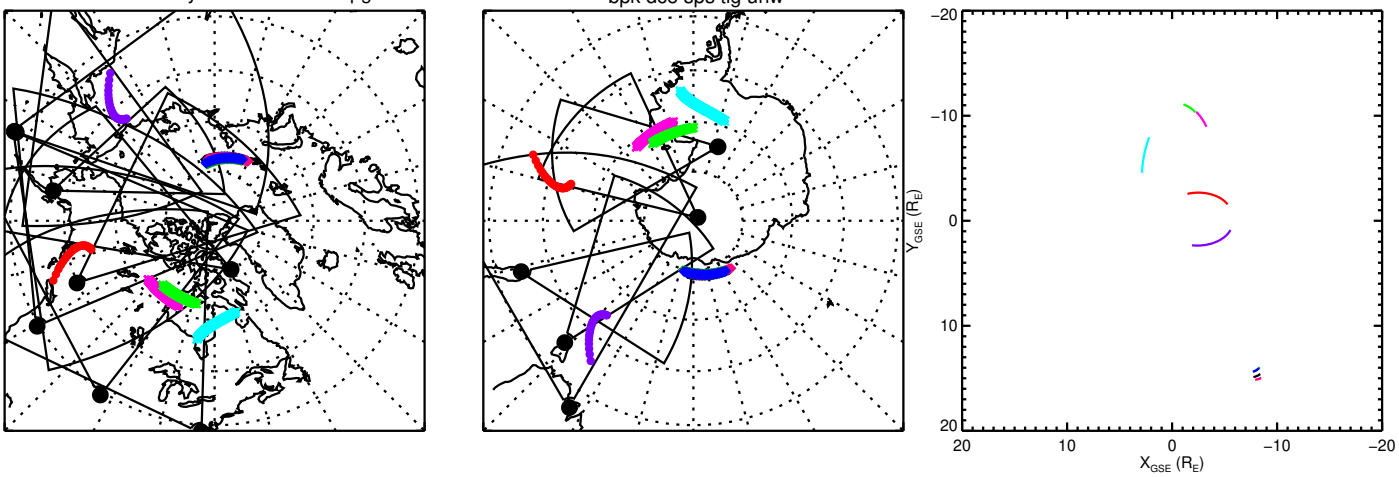
bpk dce sps





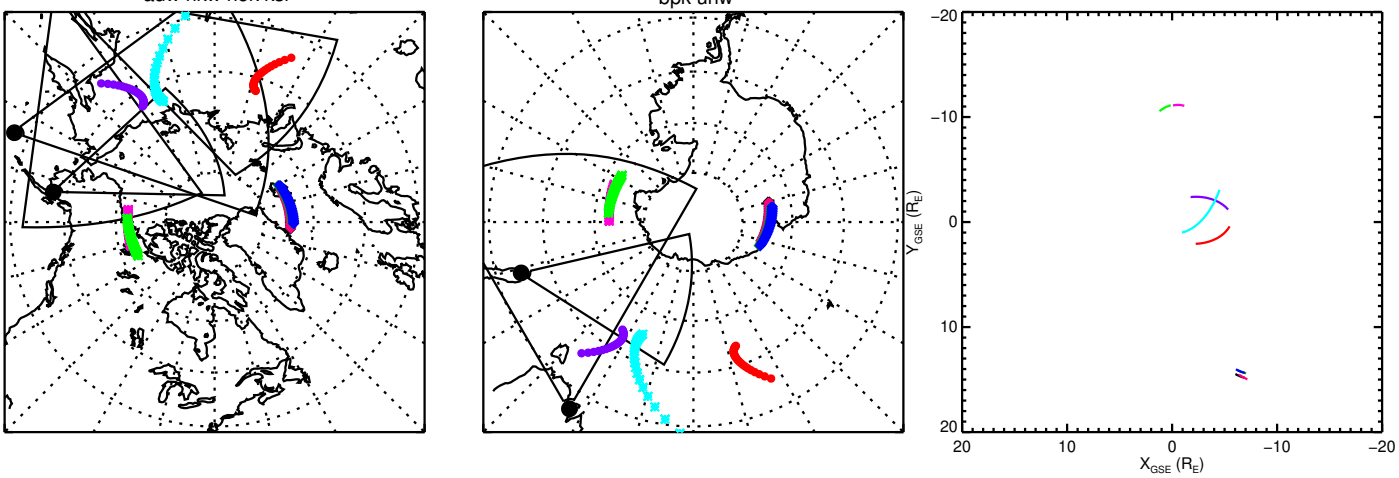
(c) 1035UT to 1305UT
ade adw bks cly cvw fhw hok ksr pgr

bpk dce sps tig unw



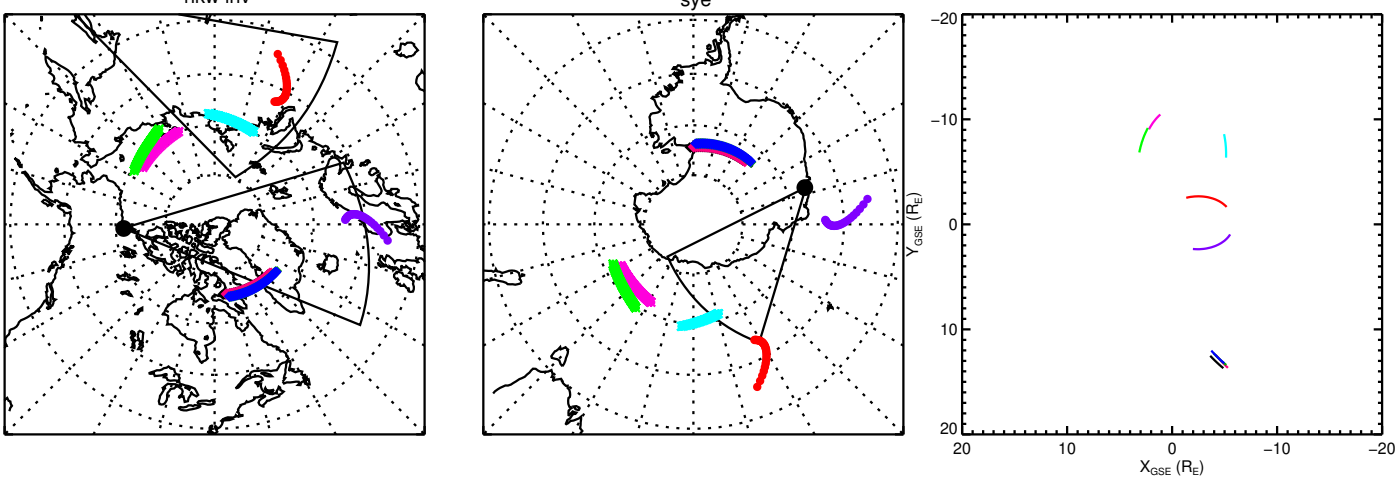
(d) 1515UT to 1730UT
adw hkw hok ksr

bpk unw



(e) 1940UT to 2205UT
hkw inv

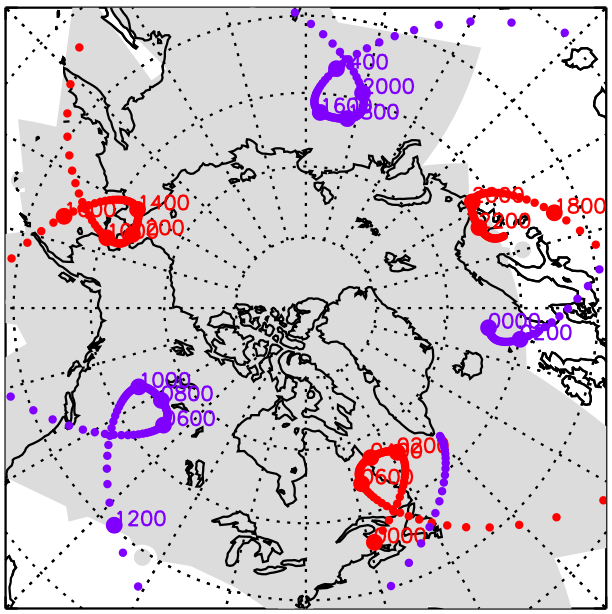
sye

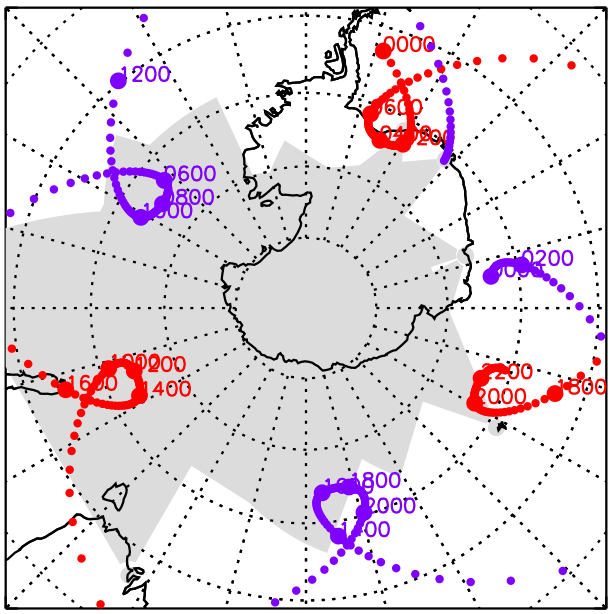


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

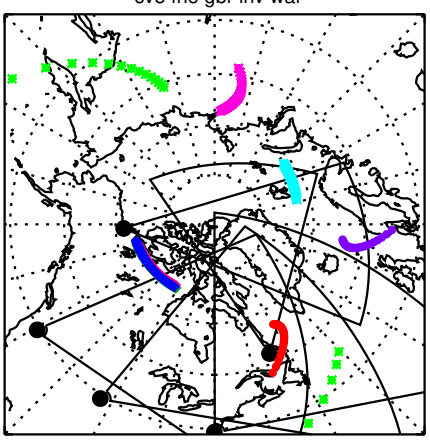
04–Nov–2016

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

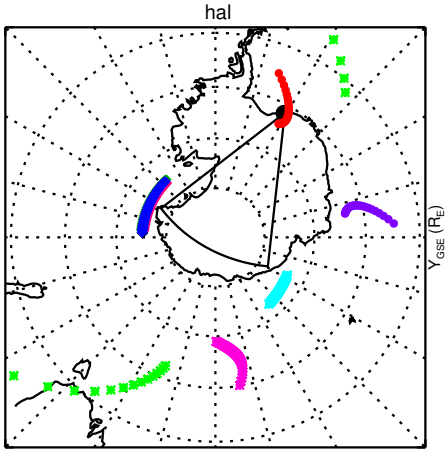


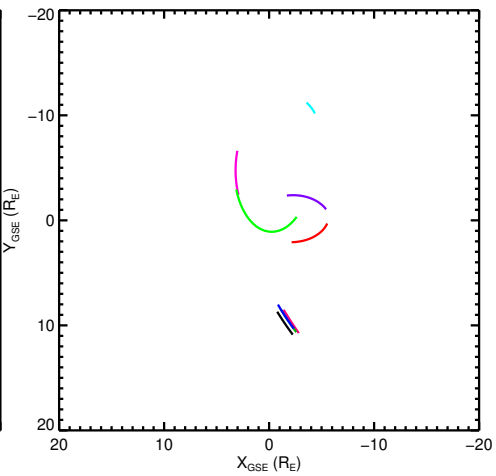


(a) 0010UT to 0235UT
cve fhe gbr inv wal

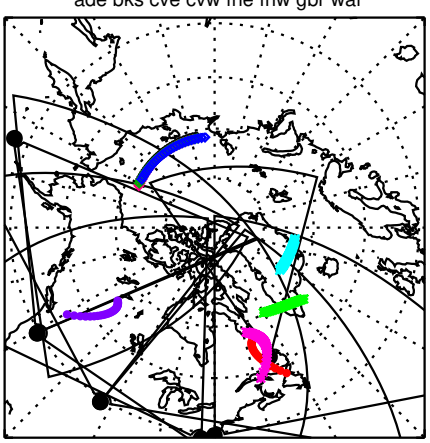


hal

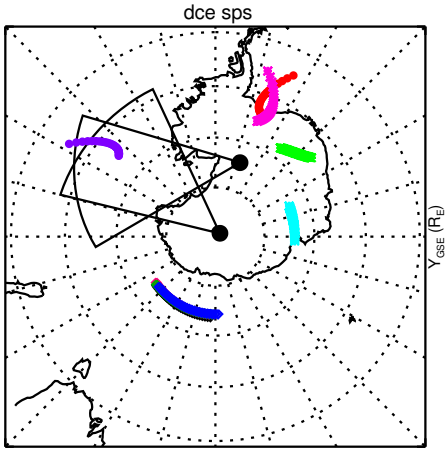


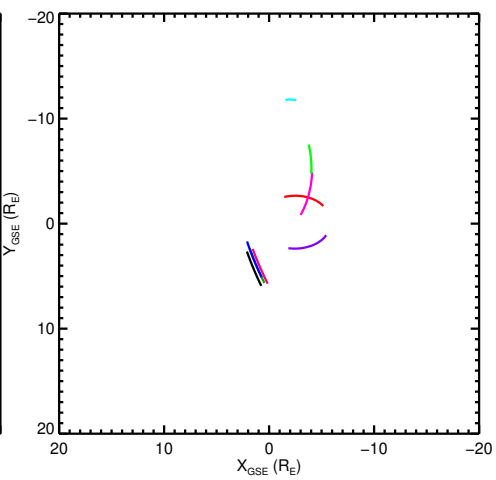


(b) 0440UT to 0700UT
ade bks cve cvw fhe fhw gbr wal

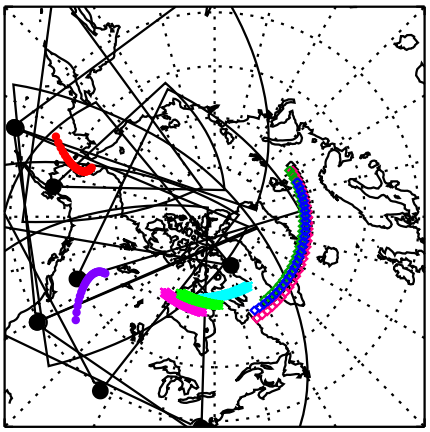


dce sps

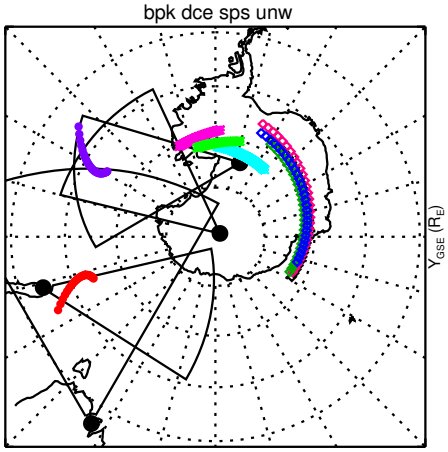


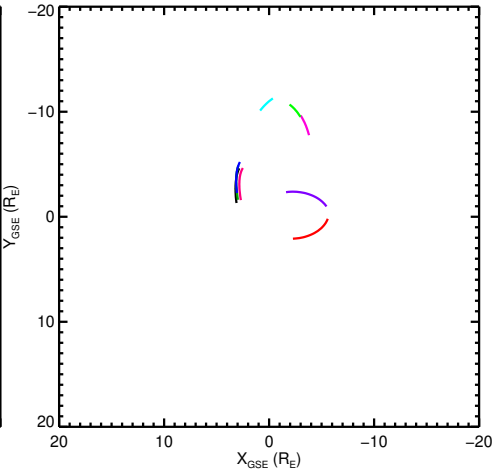


(c) 0910UT to 1140UT
ade adw bks cly cve cvw fhw hok ksr pgr

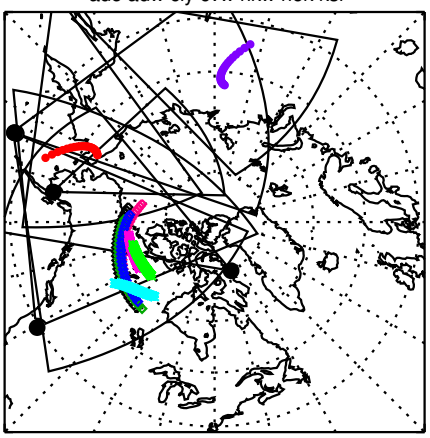


bpk dce sps unw

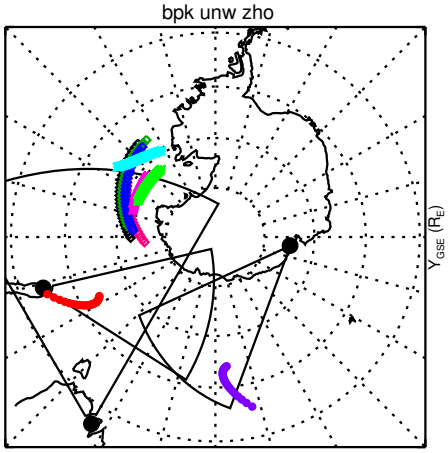


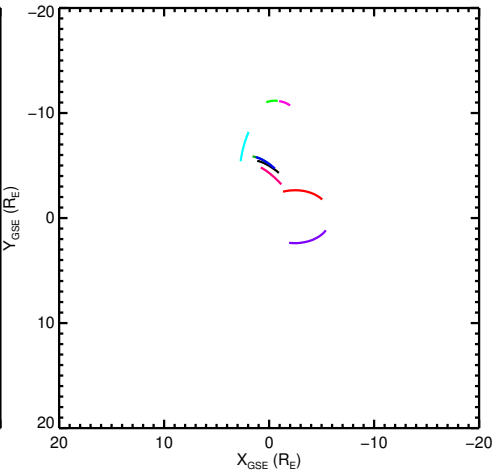


(d) 1345UT to 1600UT
ade adw cly cvw hkw hok ksr

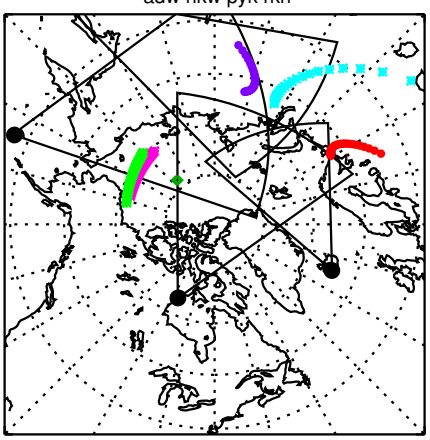


bpk unw zho

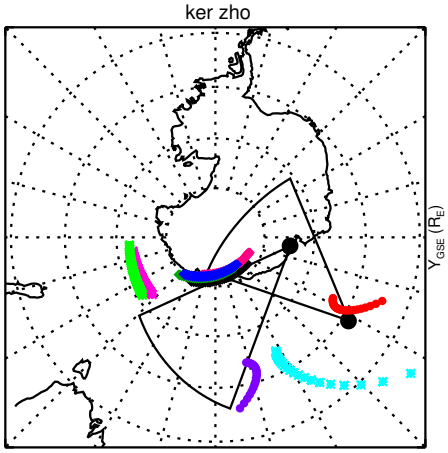


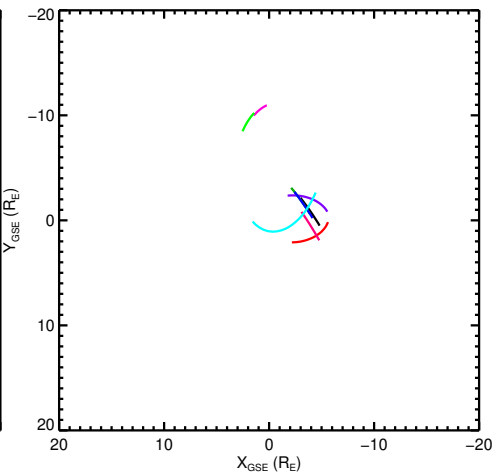


(e) 1805UT to 2040UT
adw hkw pyk rkn

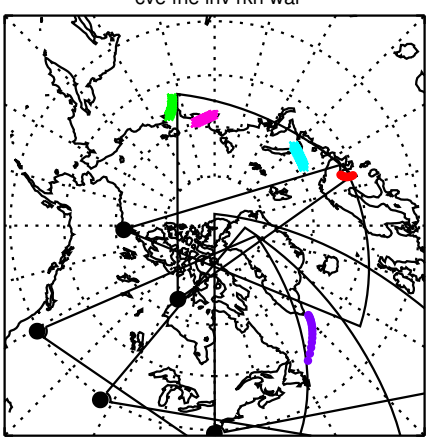


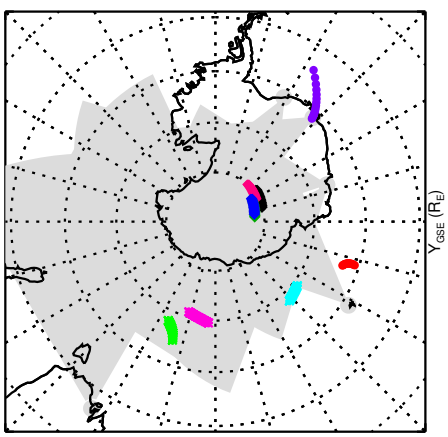
ker zho

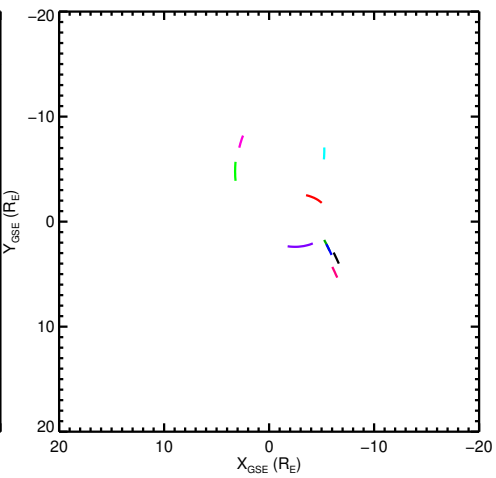




(f) 2245UT to 2355UT
cve fhe inv rkn wal



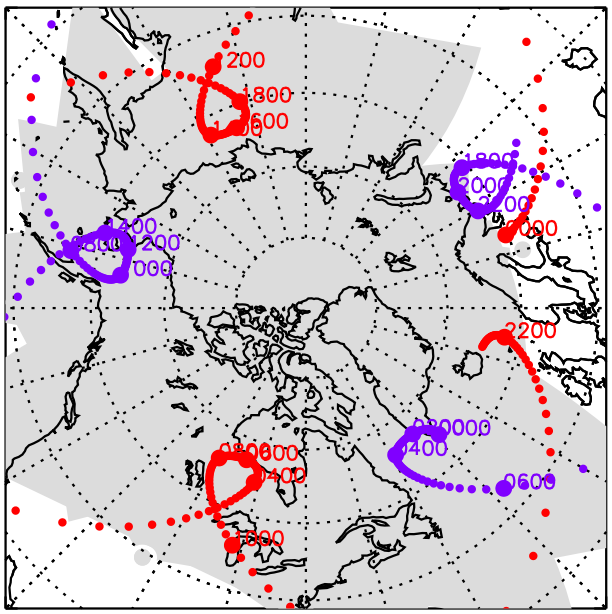


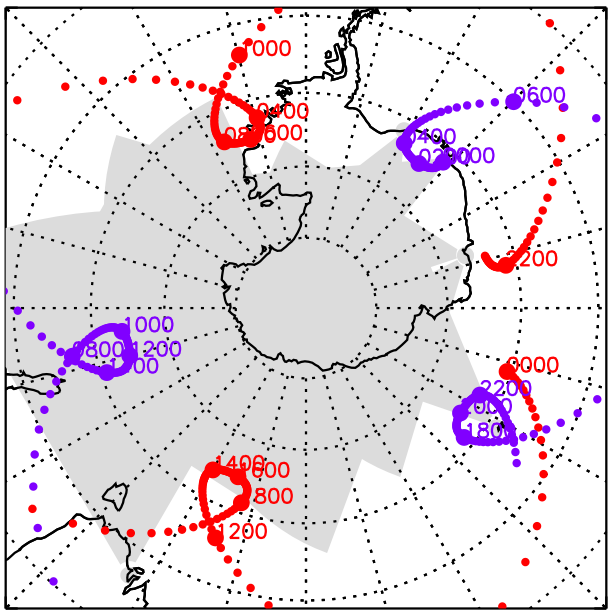


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

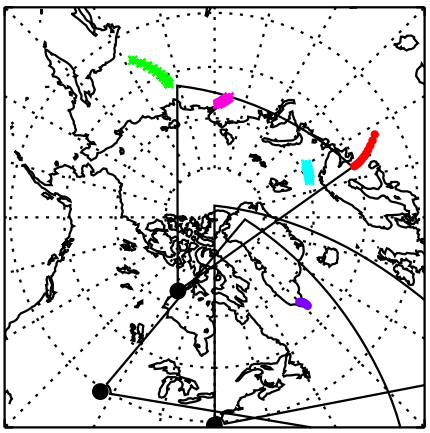
05–Nov–2016

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

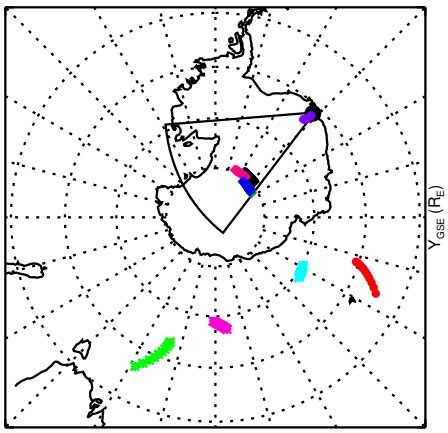


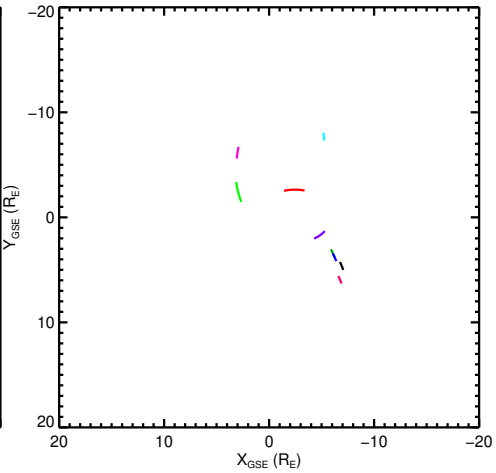


(a) 0000UT to 0055UT
fhe rkn wal

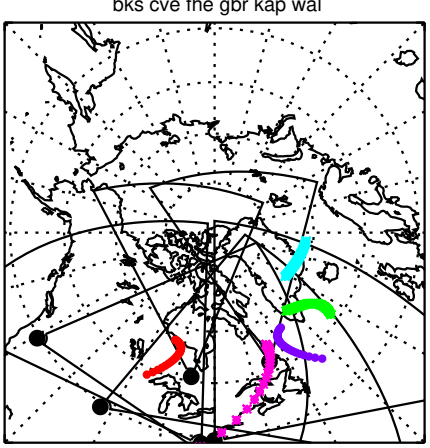


san

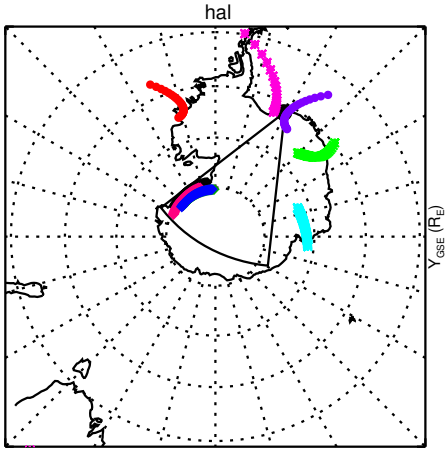


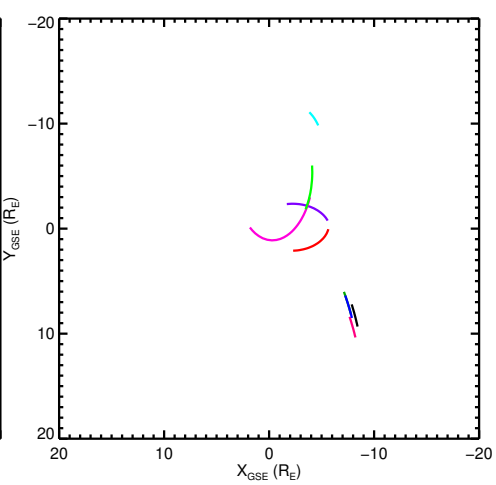


(b) 0305UT to 0545UT
bks cve fhe gbr kap wal

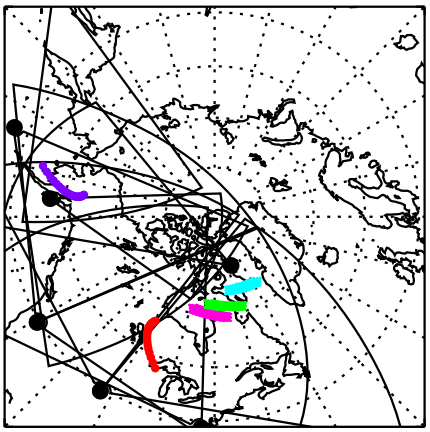


hal

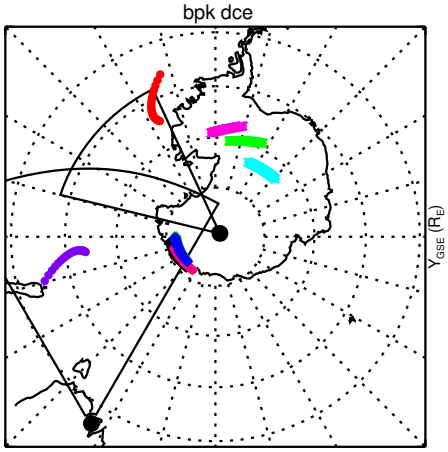


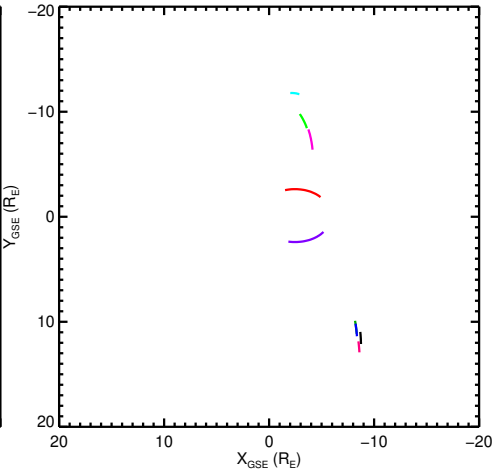


(c) 0750UT to 0950UT
ade bks cly cve cvw fhe fhw hok kod

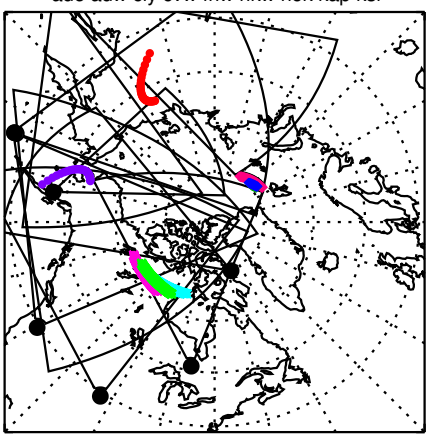


bpk dce

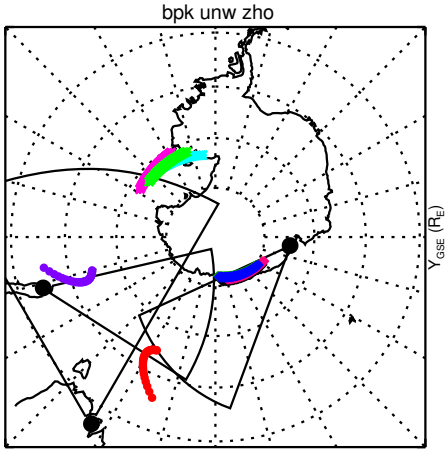


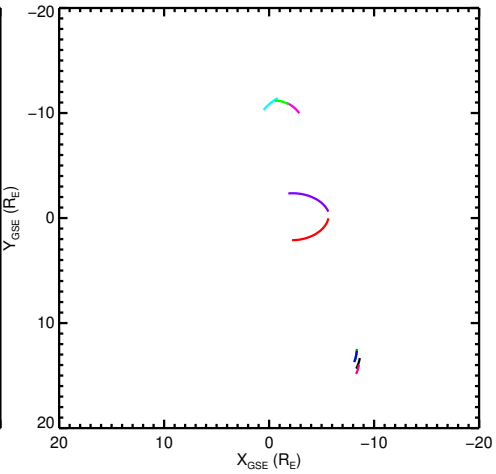


(d) 1200UT to 1445UT
ade adw cly cvw fhw hkw hok kap ksr

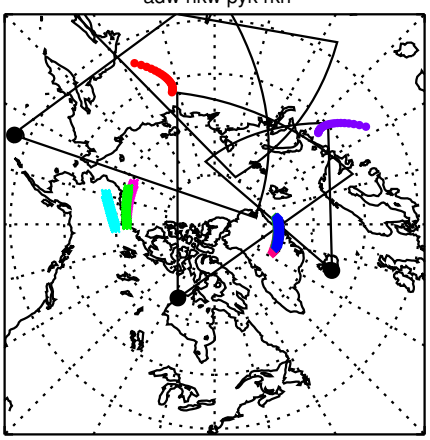


bpk unw zho

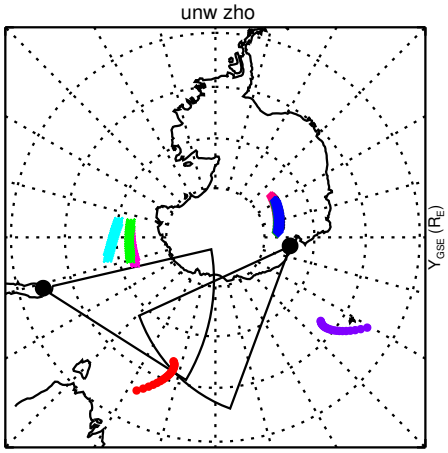


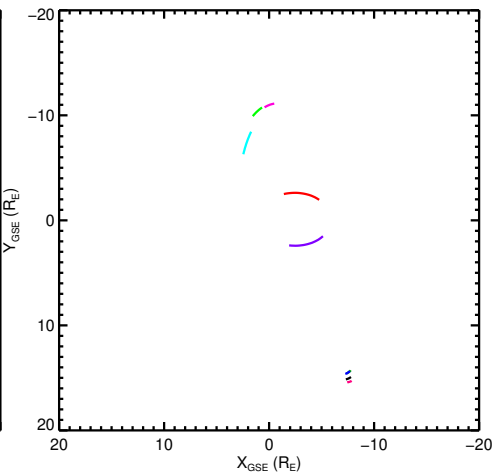


(e) 1655UT to 1850UT
adw hkw pyk rkn

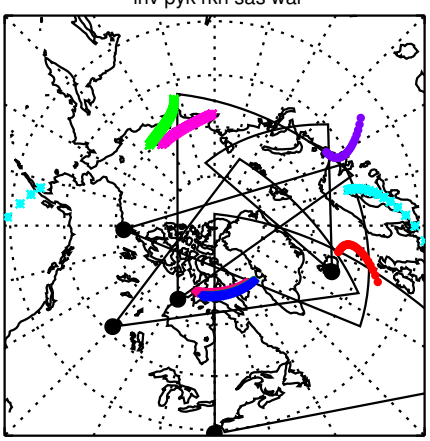


unw zho

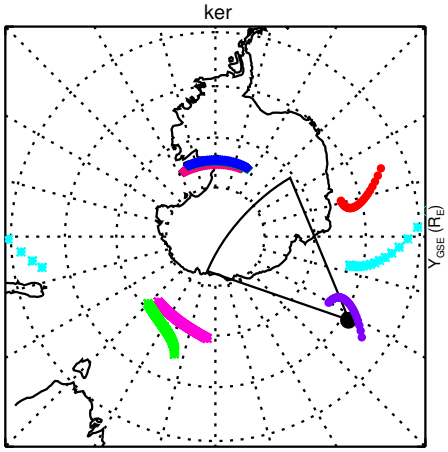


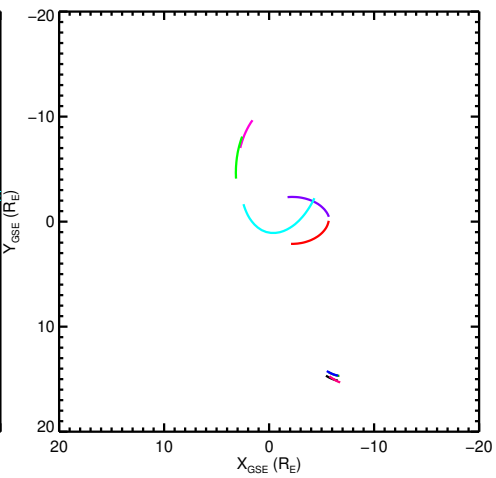


(f) 2055UT to 2350UT
inv pyk rkn sas wal



ker

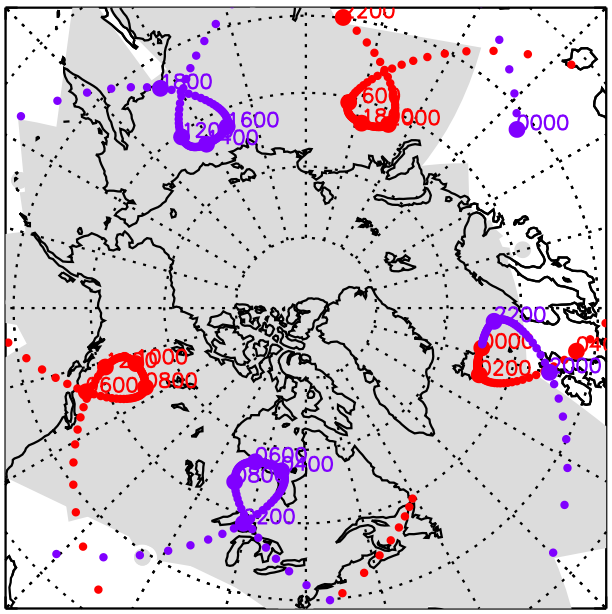


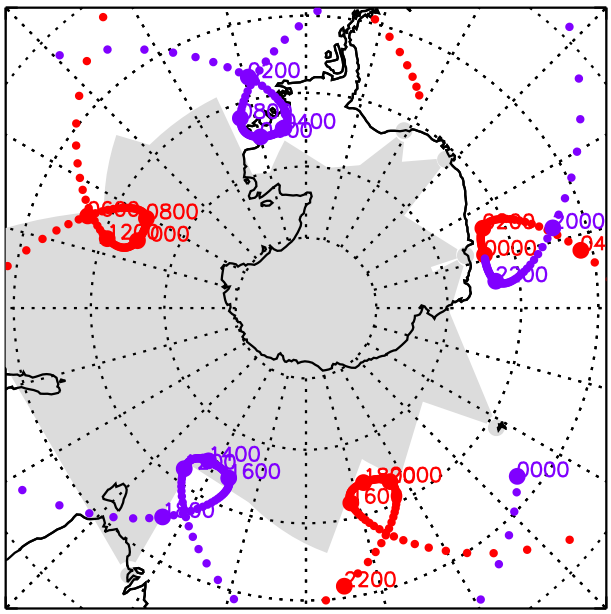


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

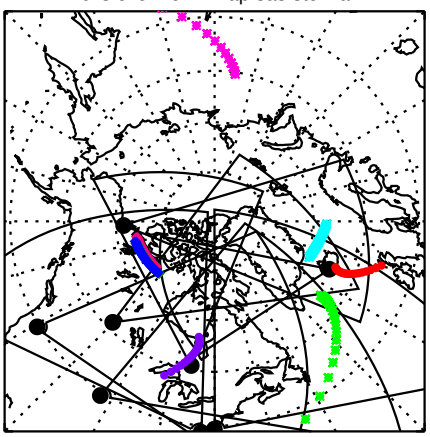
06–Nov–2016

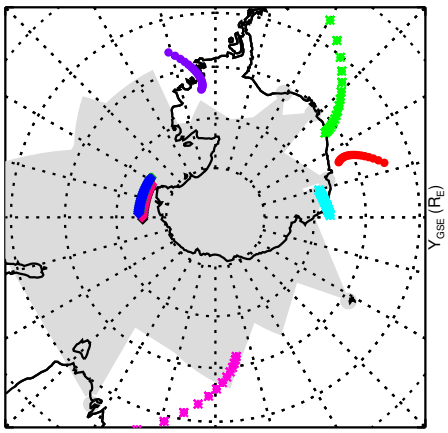
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

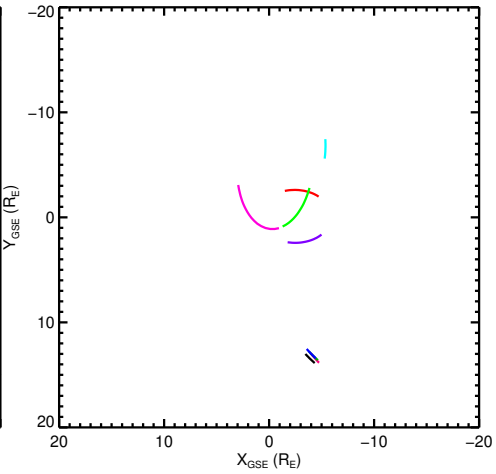




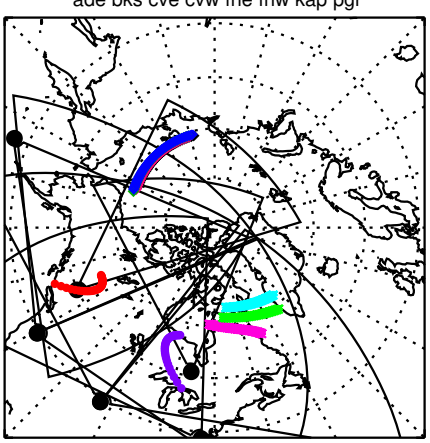
(a) 0155UT to 0345UT
bks cve fhe inv kap sas sto wal



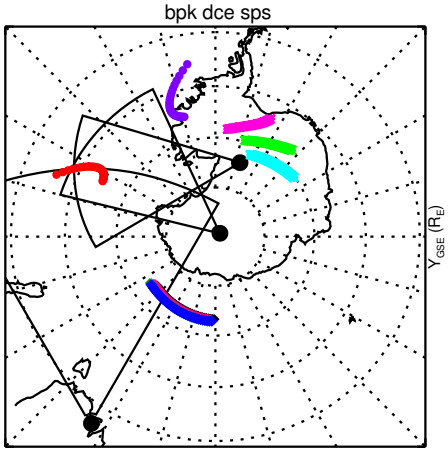


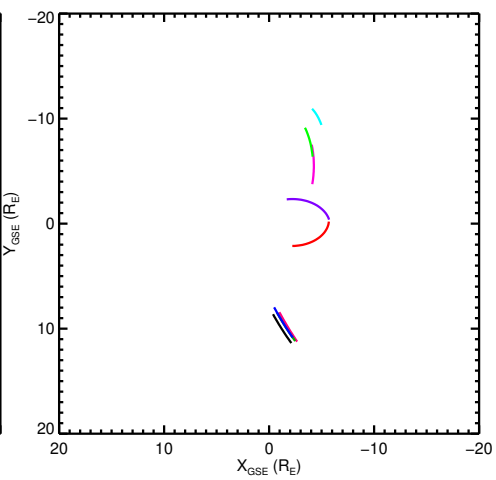


(b) 0555UT to 0855UT
ade bks cve cvw fhe fhw kap pgr

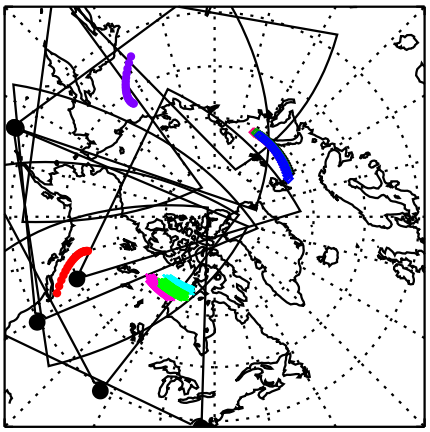


bpk dce sps

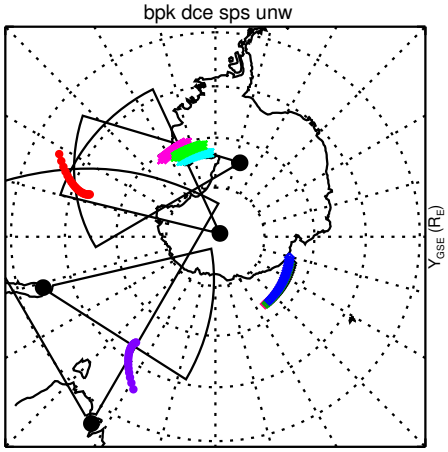


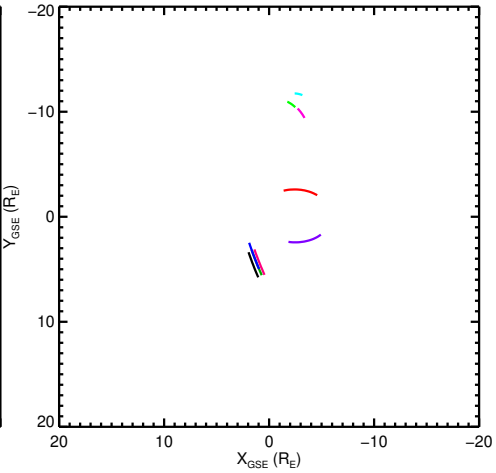


(c) 1100UT to 1245UT
ade adw bks cvw fhw hkw hok pgr

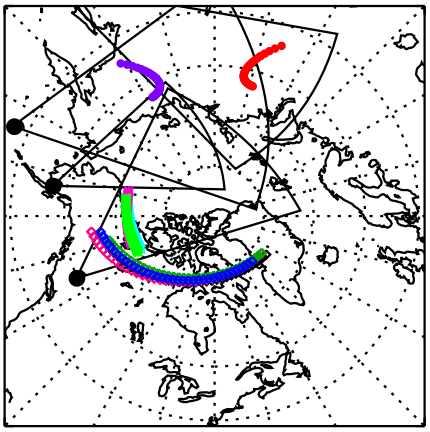


bpk dce sps unw

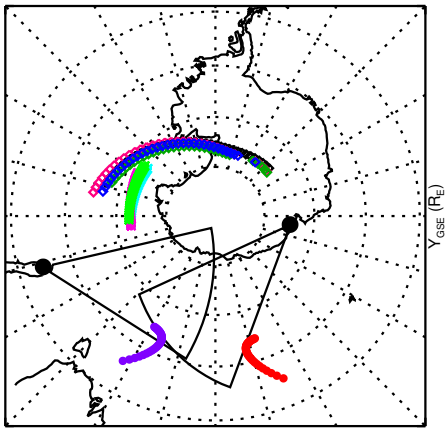


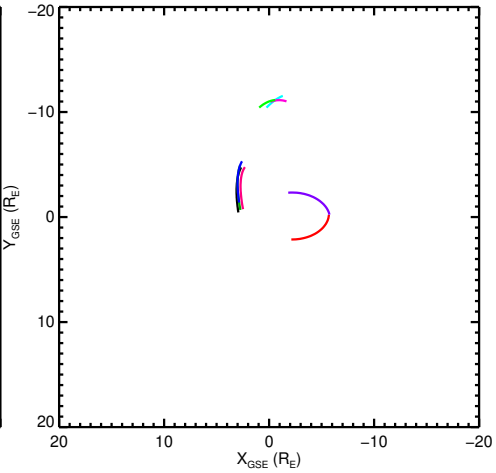


(d) 1450UT to 1755UT
adw hkw ksr pgr

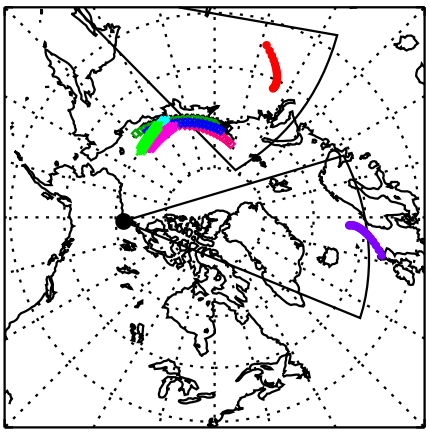


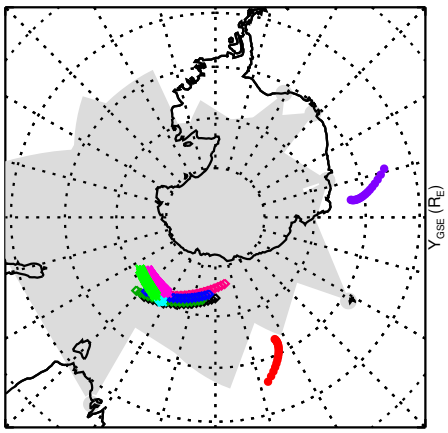
unw zho

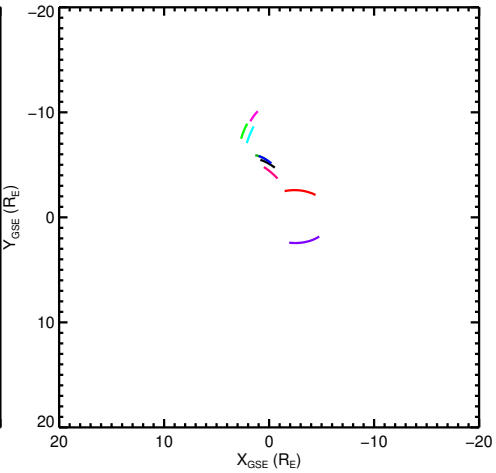




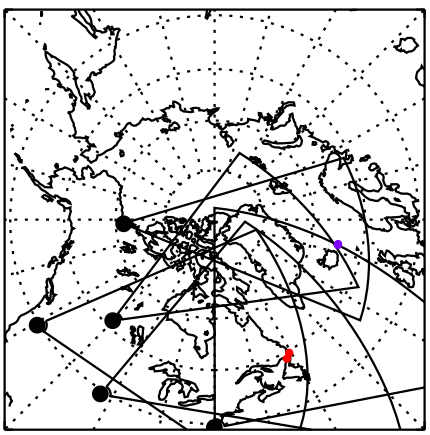
(e) 2005UT to 2140UT
hkw inv

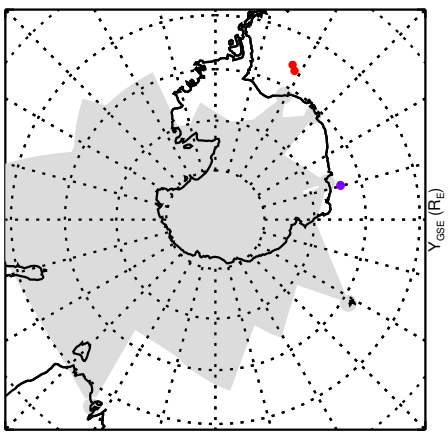


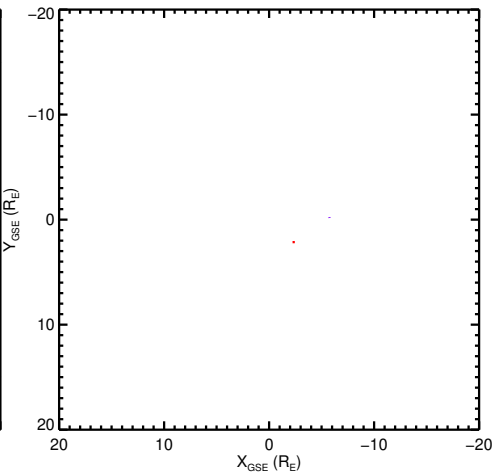




(f) 2350UT to 2355UT
cve fhe inv sas wal



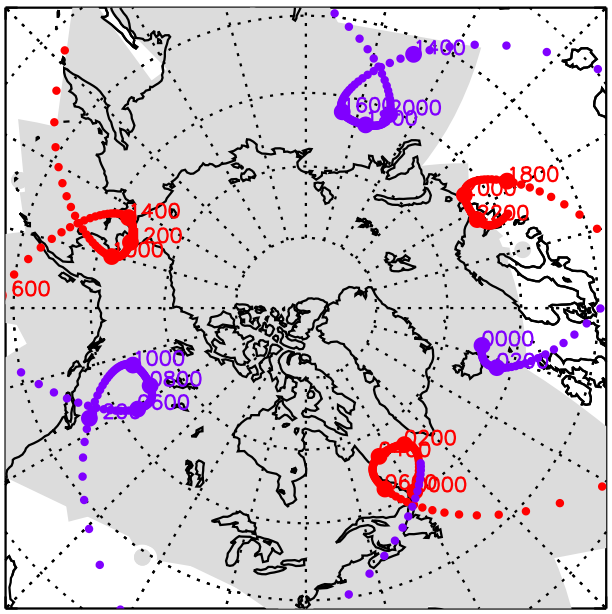


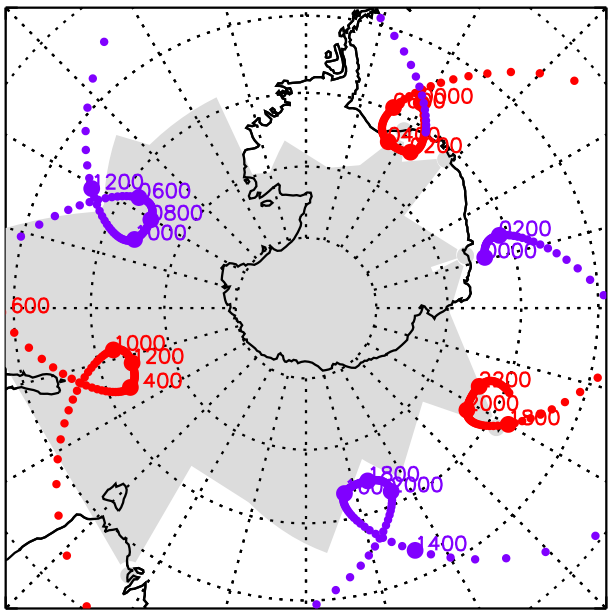


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

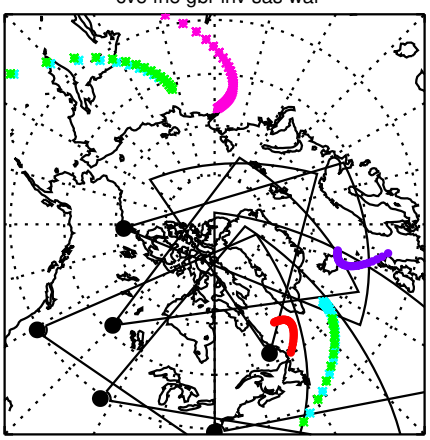
07–Nov–2016

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

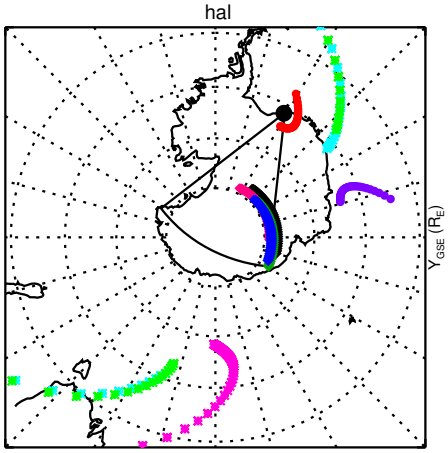


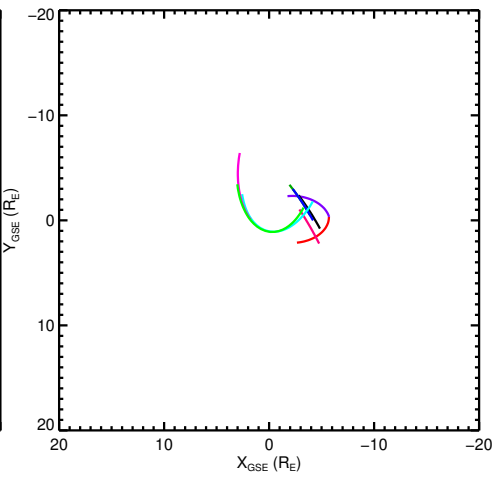


(a) 0000UT to 0300UT
cve fhe gbr inv sas wal

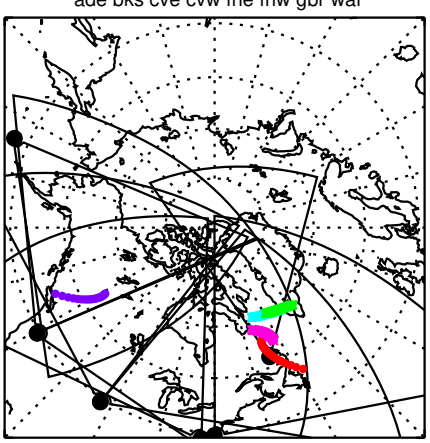


hal

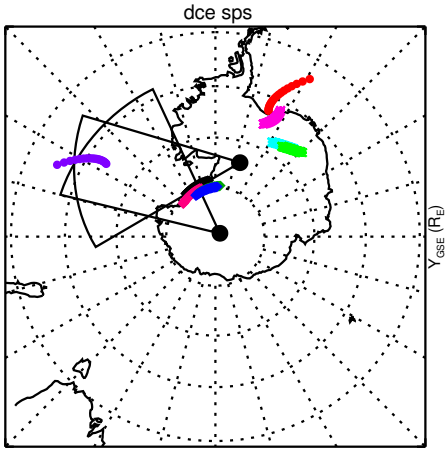


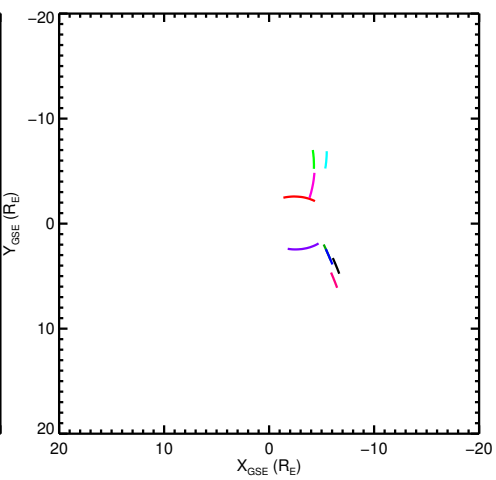


(b) 0505UT to 0640UT
ade bks cve cvw fhe fhw gbr wal

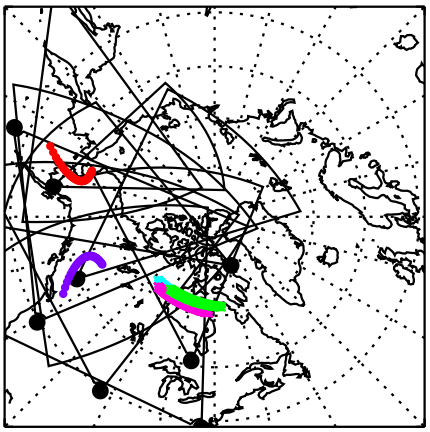


dce sps

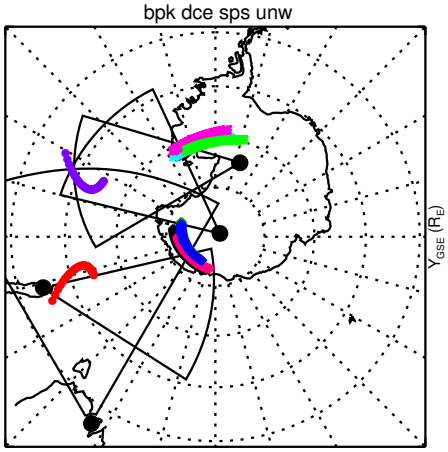


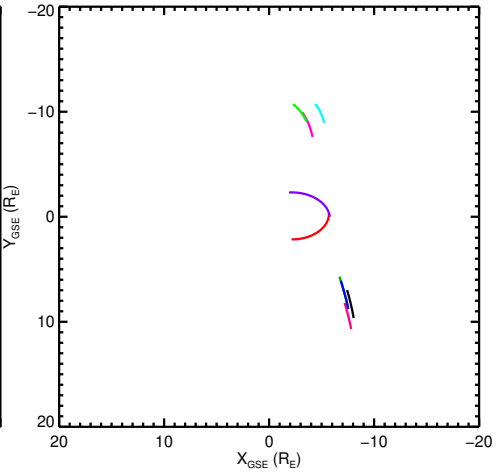


(c) 0845UT to 1200UT
ade bks cly cvw fhw hok kap ksr pgr

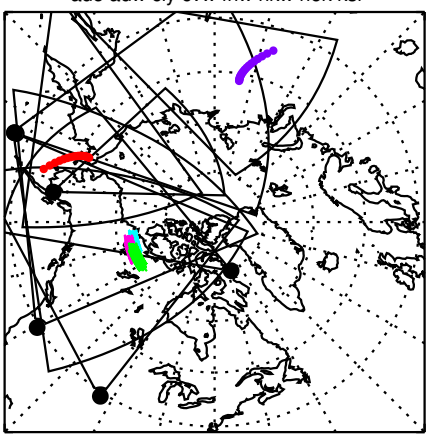


bpk dce sps unw

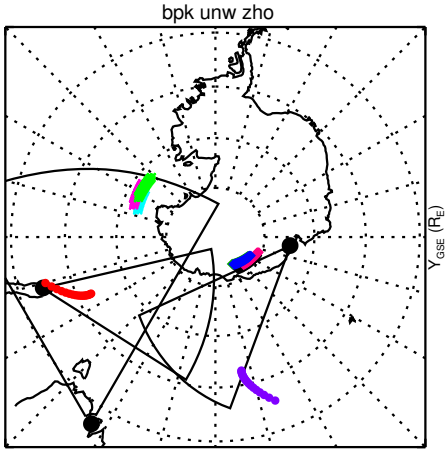


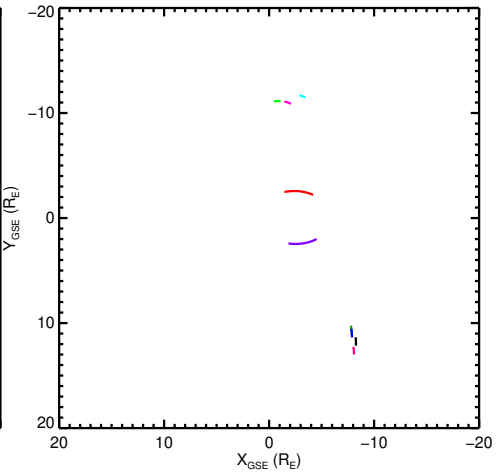


(d) 1410UT to 1535UT
ade adw cly cvw fhw hkw hok ksr

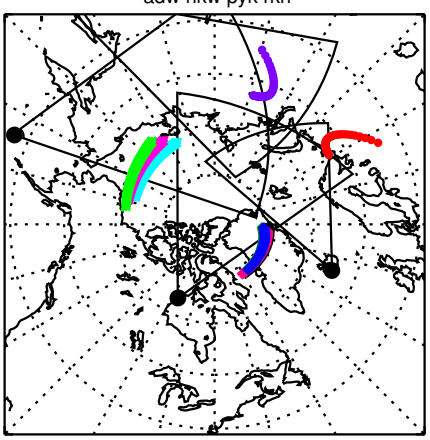


bpk unw zho

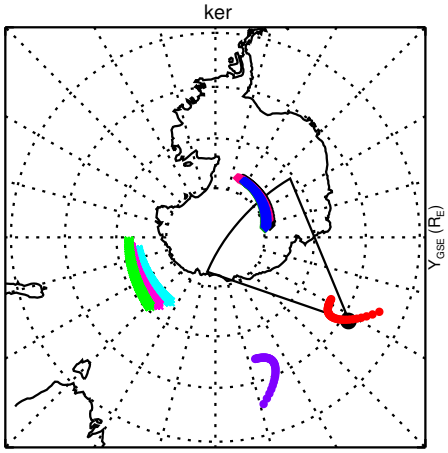


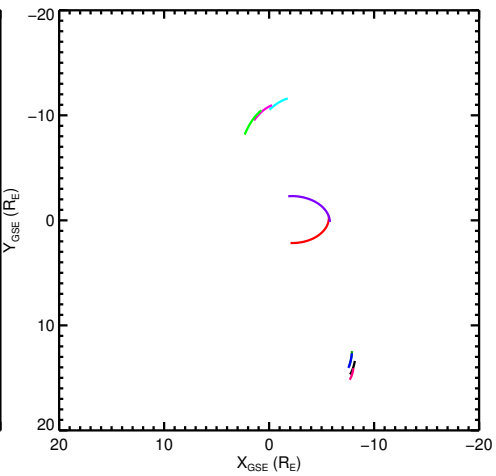


(e) 1740UT to 2105UT
adw hkw pyk rkn

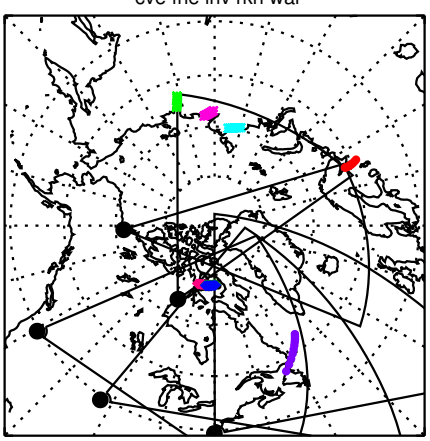


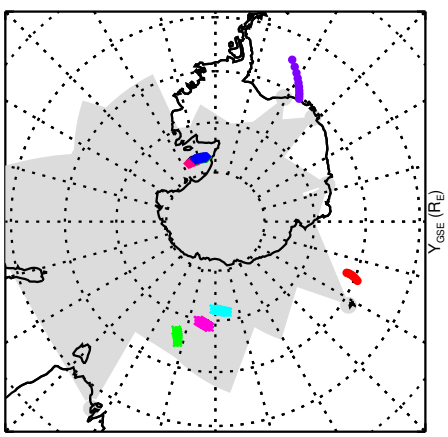
ker

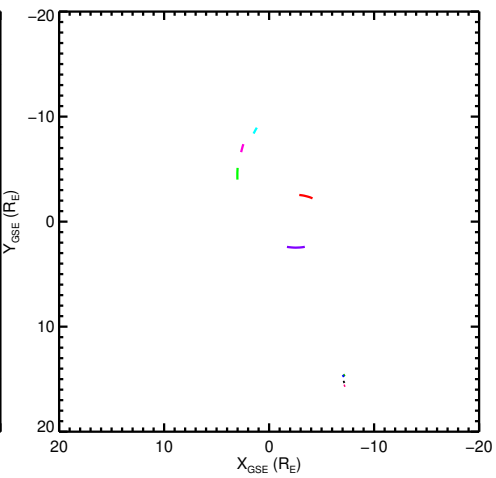




(f) 2310UT to 2355UT
cve fhe inv rkn wal



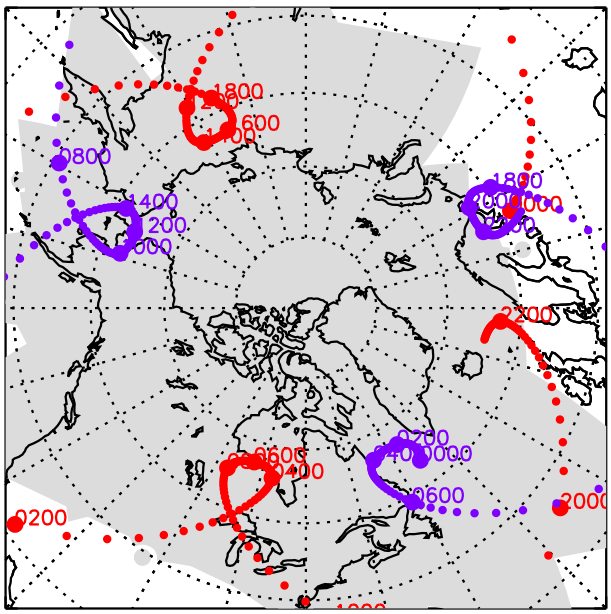


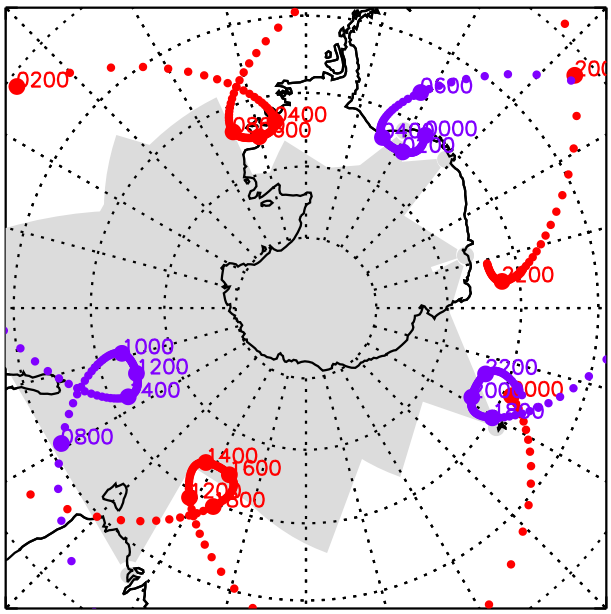


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

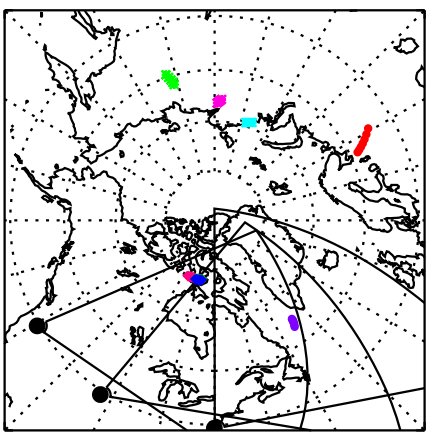
08–Nov–2016

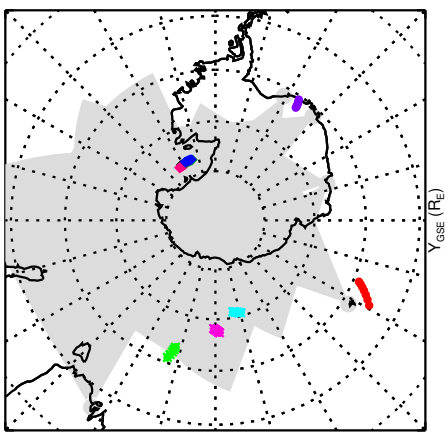
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

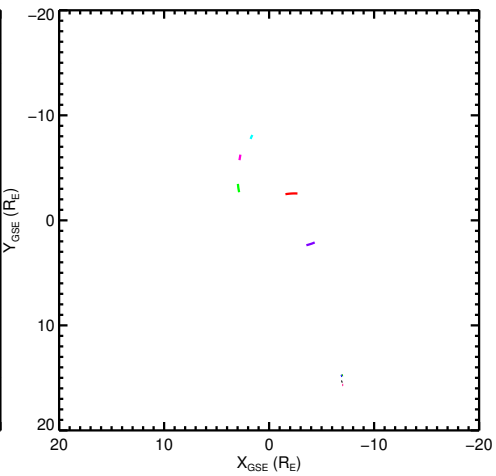




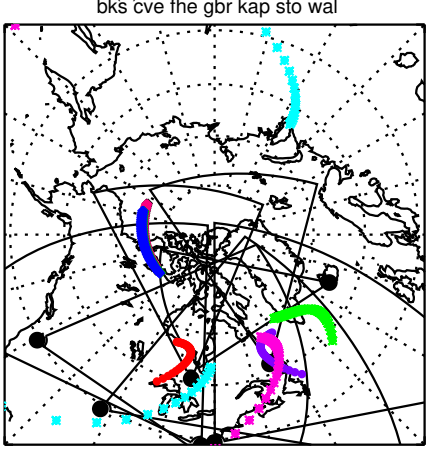
(a) 0000UT to 0030UT
cve fhe wal



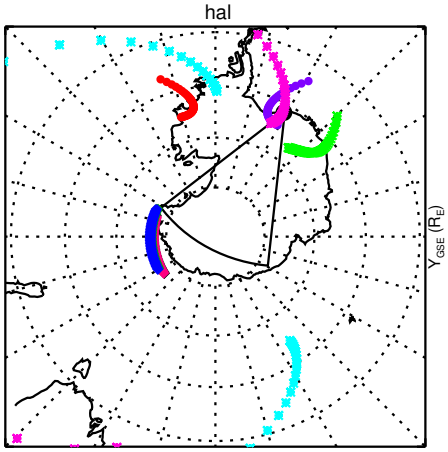


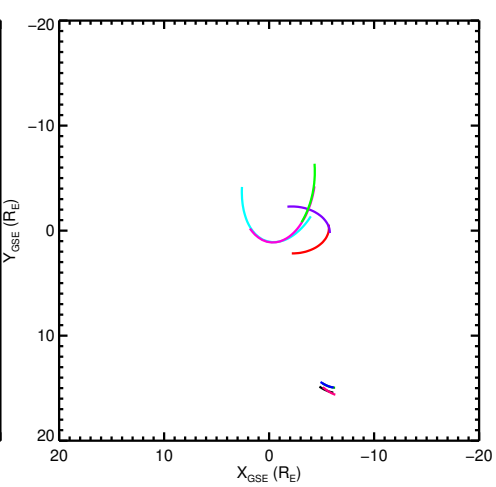


(b) 0240UT to 0610UT
bks cve fhe gbr kap sto wal

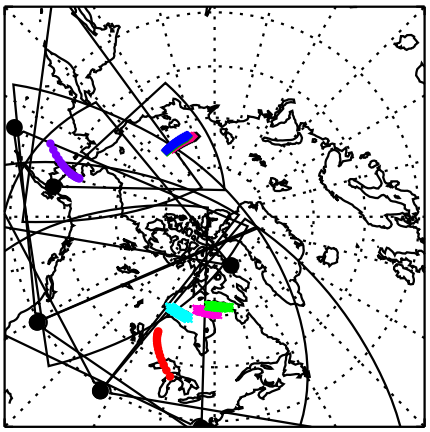


hal

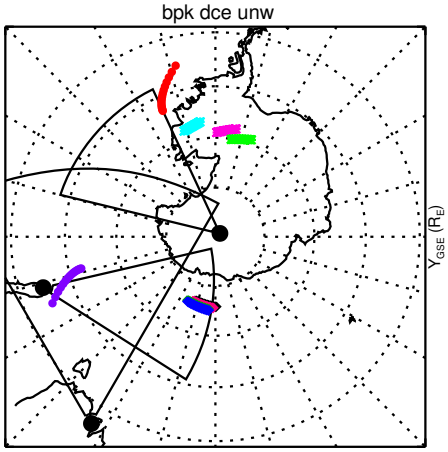


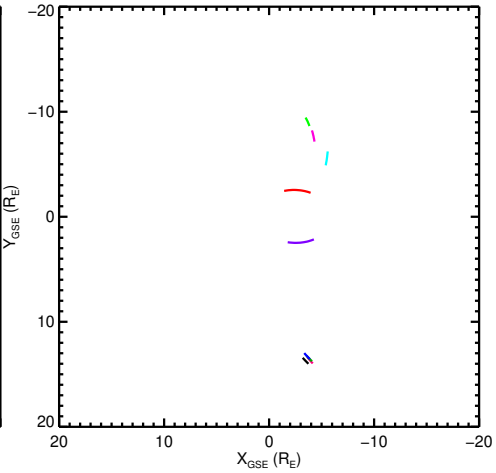


(c) 0815UT to 0930UT
ade bks cly cve cvw fhe fhw hok ksr

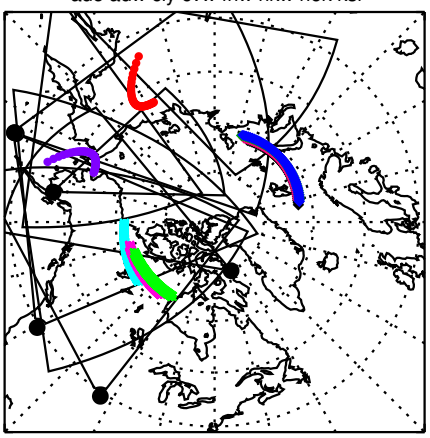


bpk dce unw

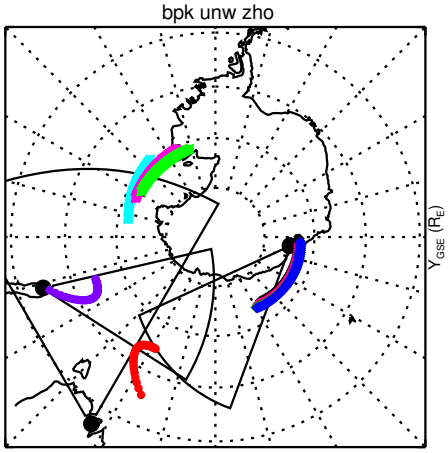


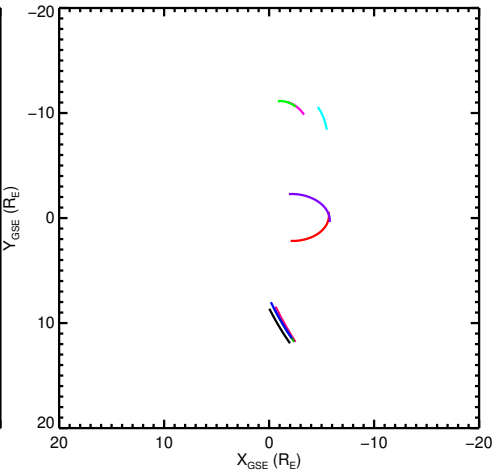


(d) 1135UT to 1510UT
ade adw cly cvw fhw hkw hok ksr

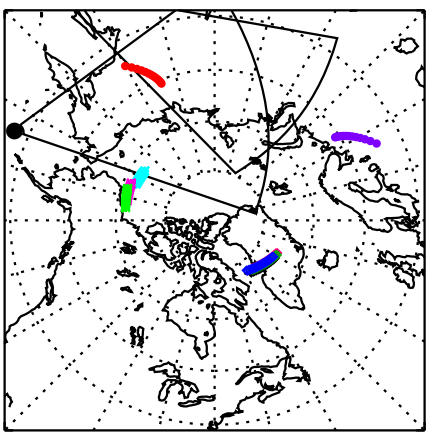


bpk unw zho

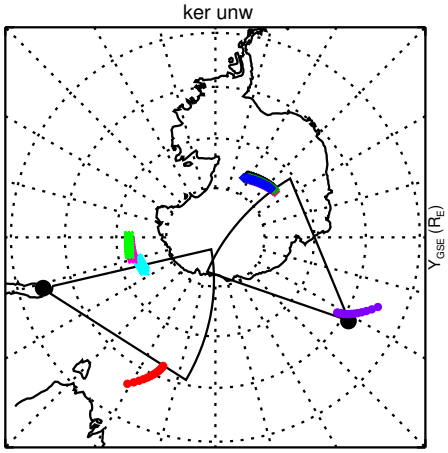


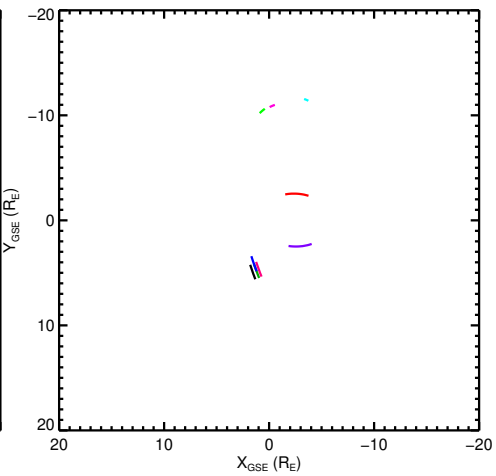


(e) 1720UT to 1825UT
adw hkw

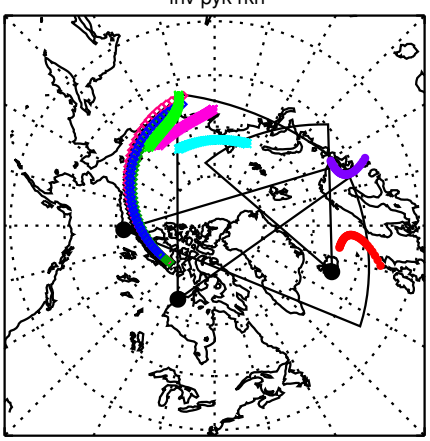


ker unw





(f) 2035UT to 2355UT
inv pyk rkn



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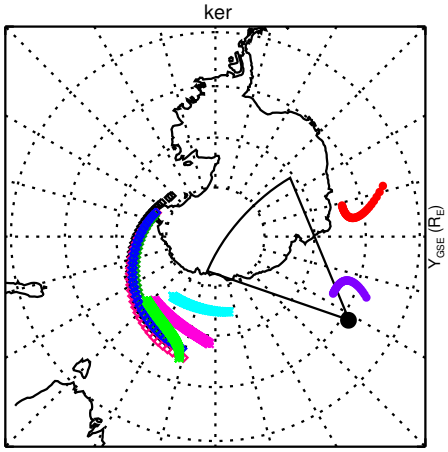
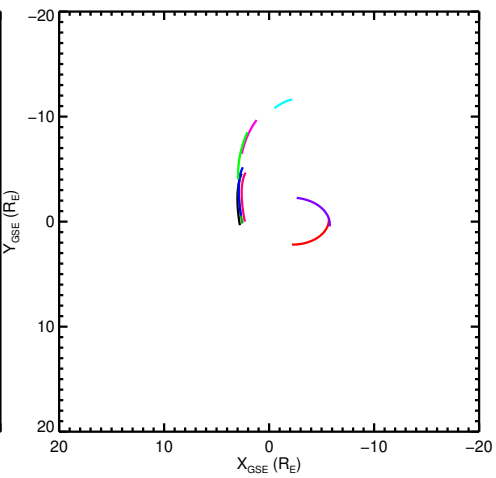
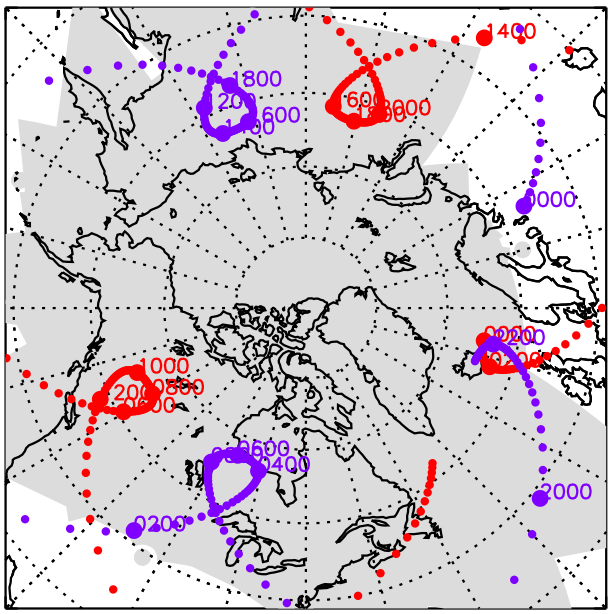


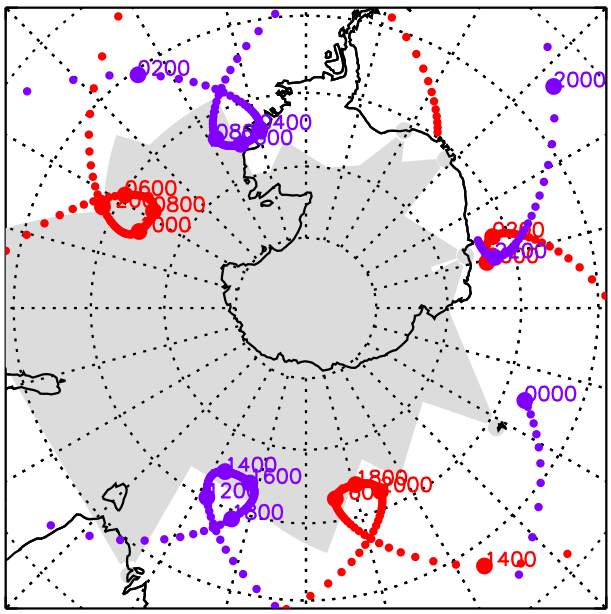


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

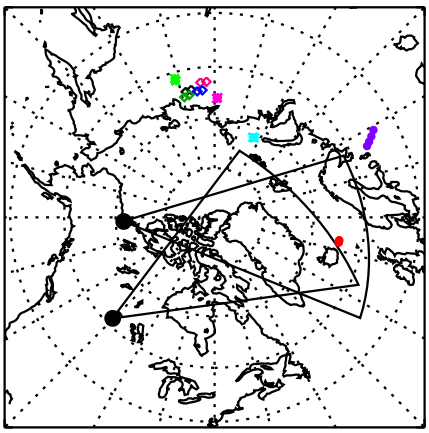
09–Nov–2016

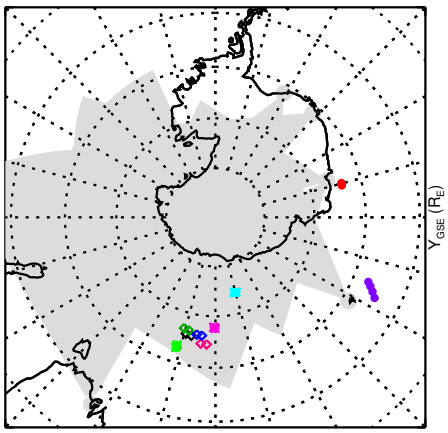
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

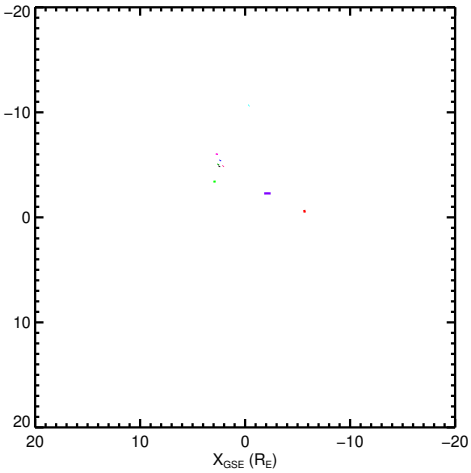




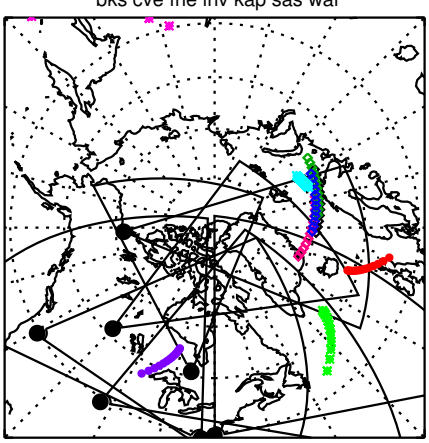
(a) 0000UT to 0015UT
inv sas

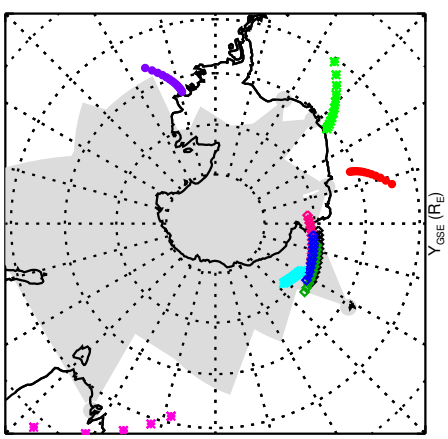


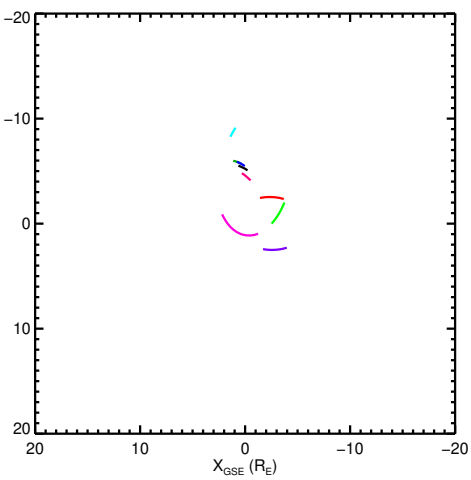




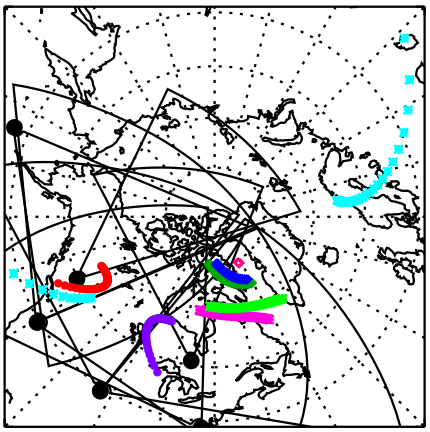
(b) 0220UT to 0325UT
bks cve fhe inv kap sas wal



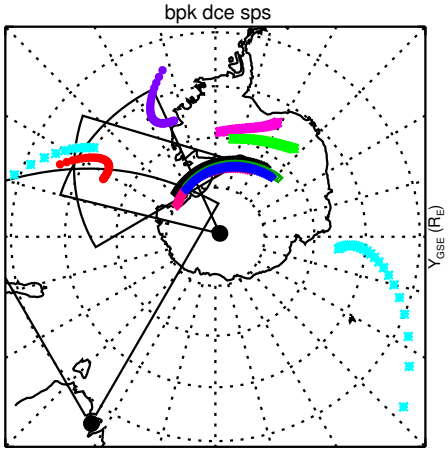


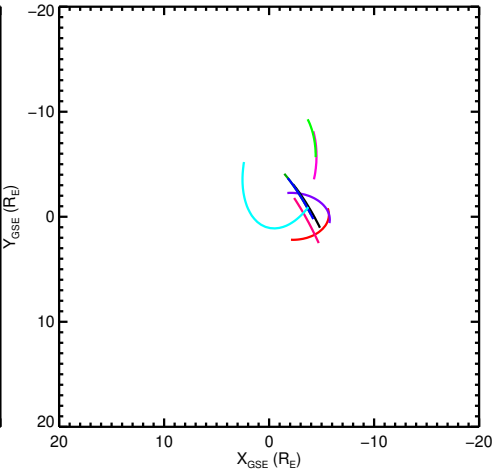


(c) 0530UT to 0920UT
ade bks cve cvw fhe fhw kap pgr

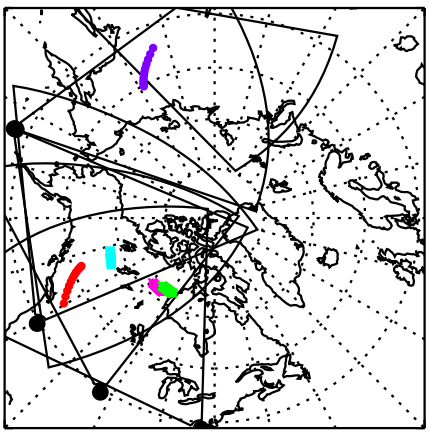


bpk dce sps

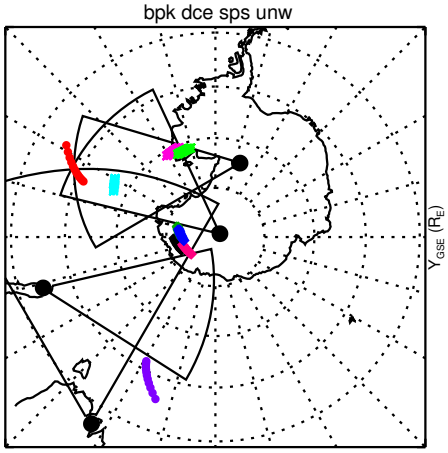


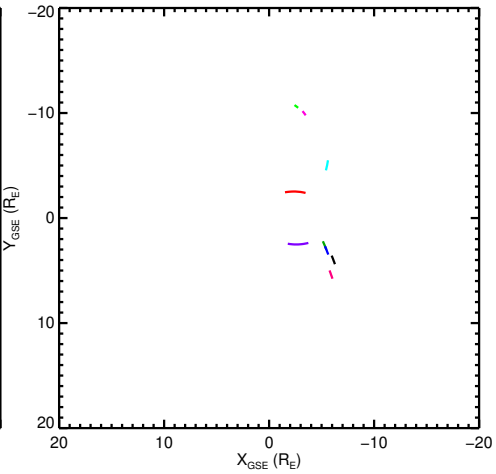


(d) 1125UT to 1220UT
ade adw bks cvw fhw hkw

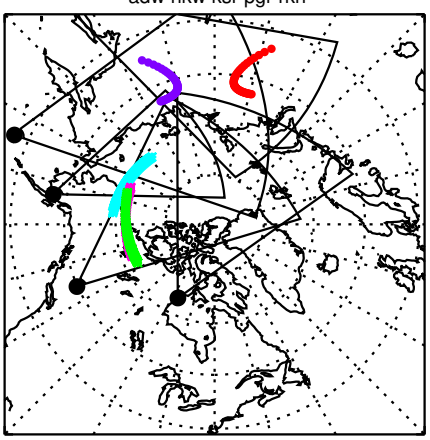


bpk dce sps unw

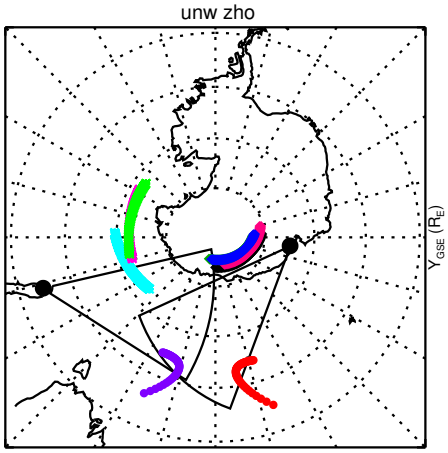


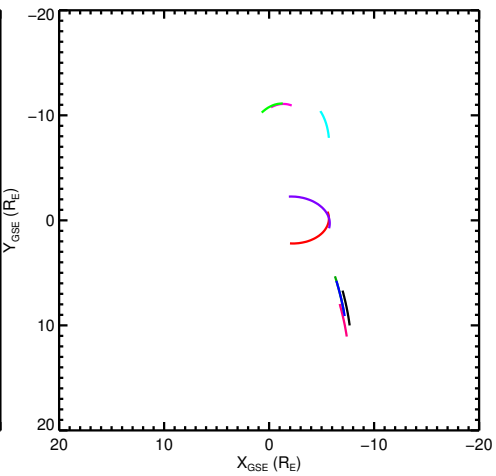


(e) 1425UT to 1820UT
adw hkw ksr pgr rkn

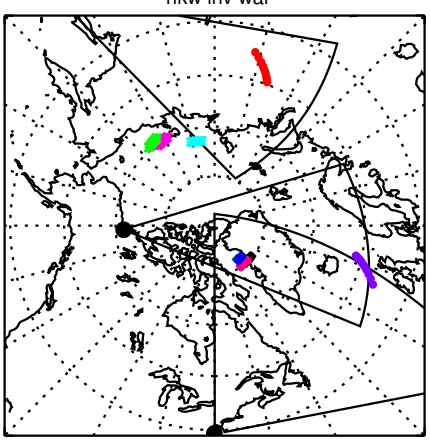


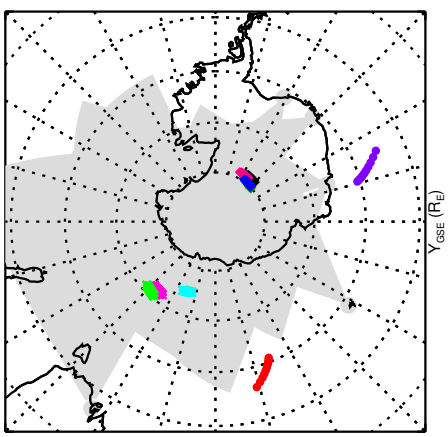
unw zho

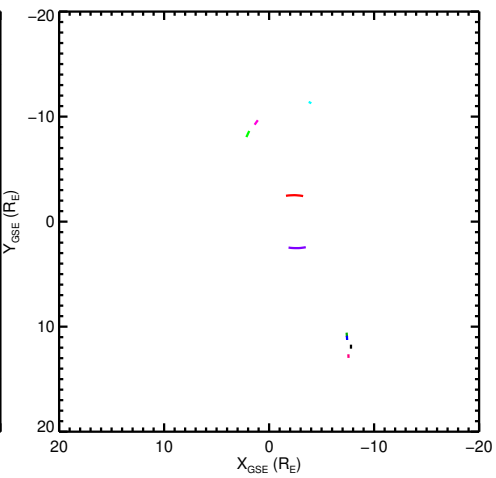




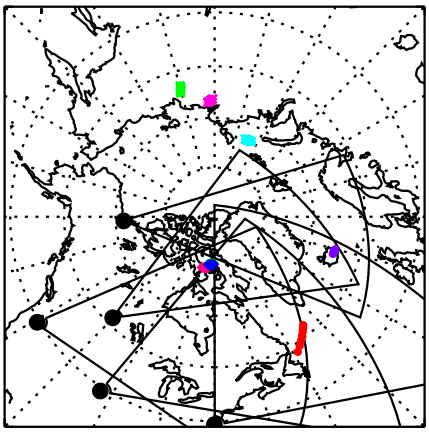
(f) 2030UT to 2115UT
hkw inv wal

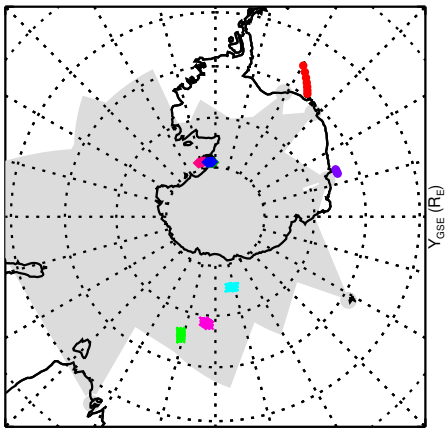


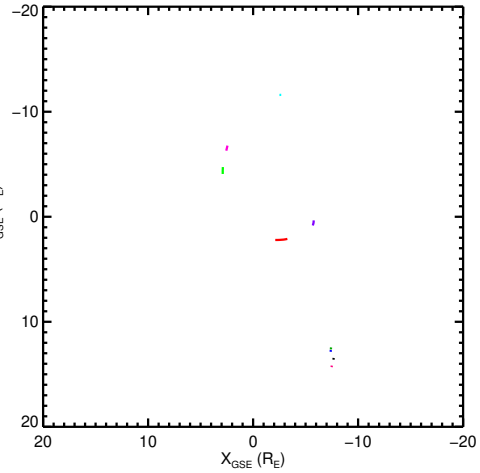




(g) 2325UT to 2355UT
cve fhe inv sas wal



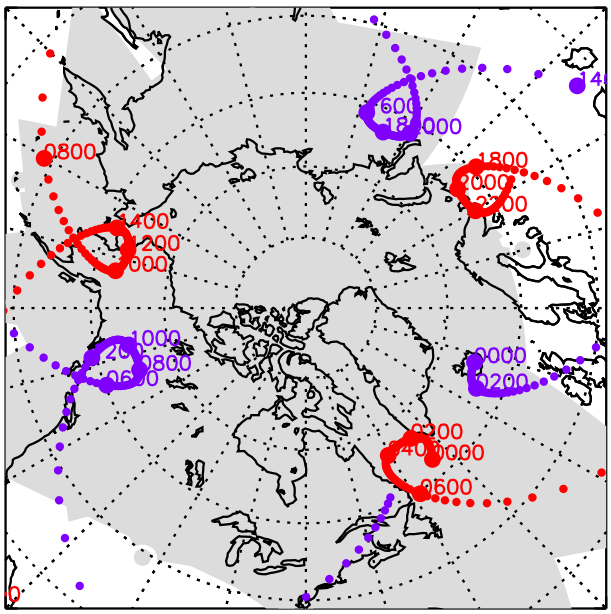


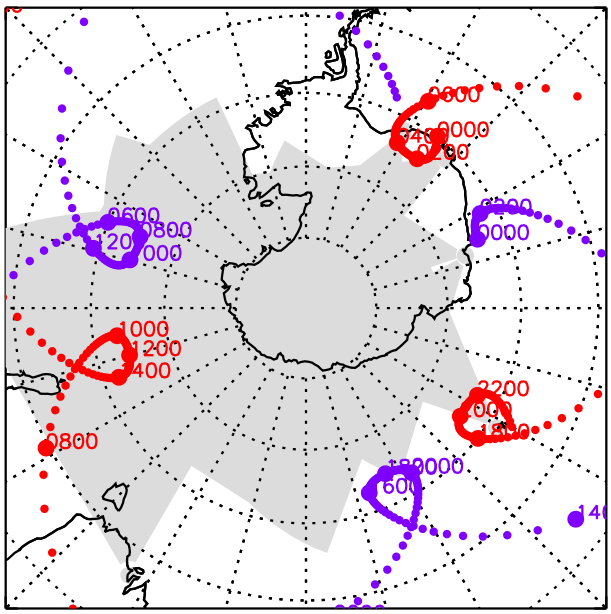


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

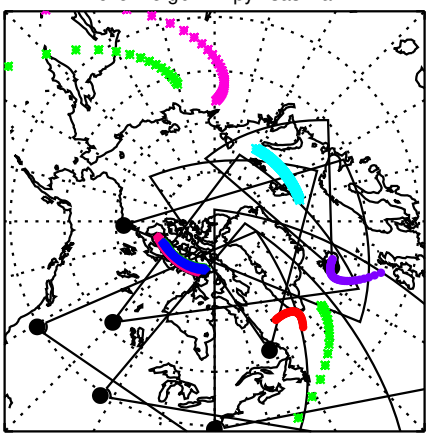
10–Nov–2016

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

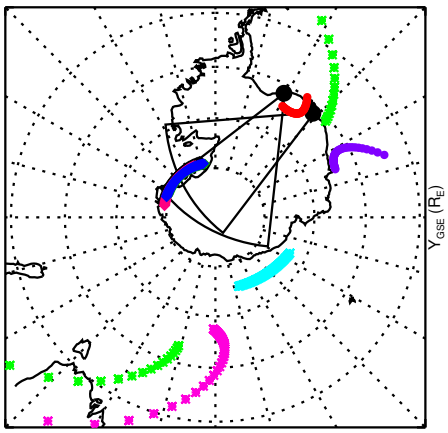


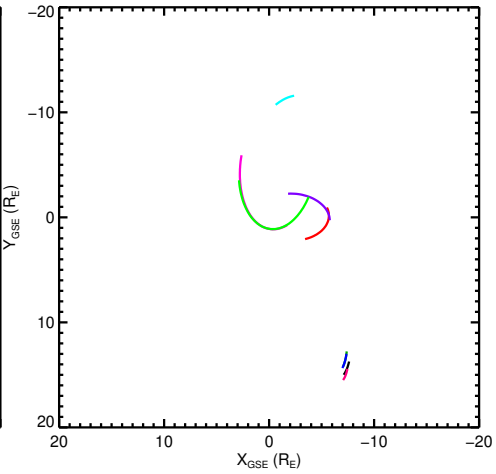


(a) 0000UT to 0325UT
cve fhe gbr inv pyk sas wal

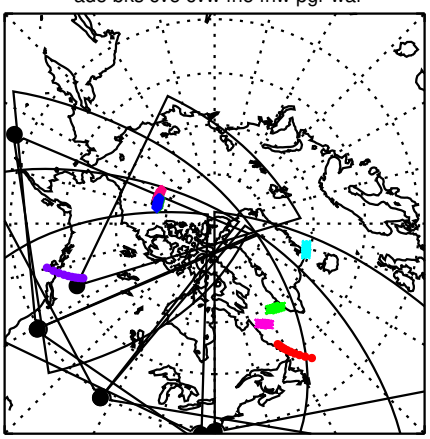


hal san

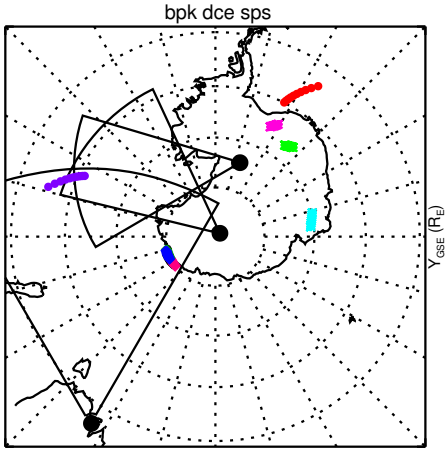


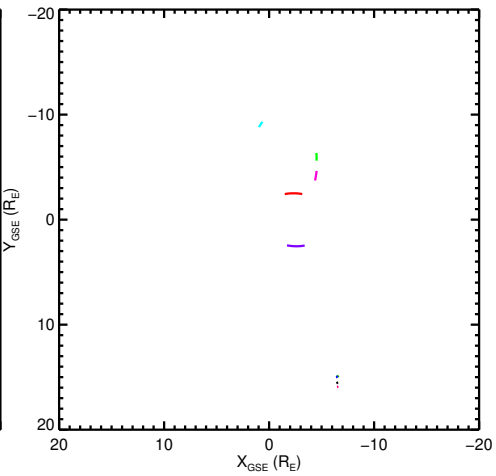


(b) 0530UT to 0615UT
ade bks cve cvw fhe fhw pgr wal

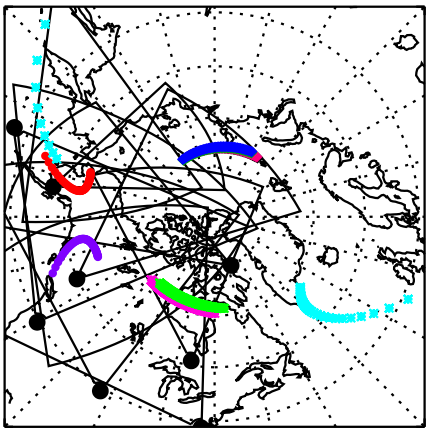


bpk dce sps

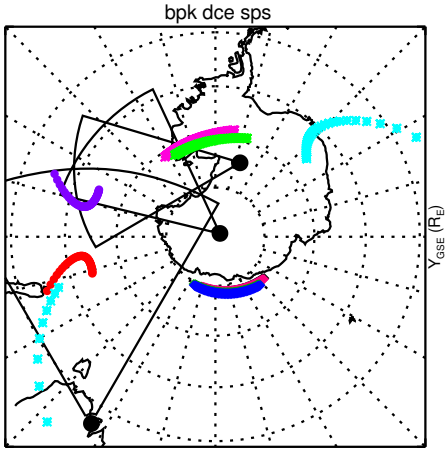


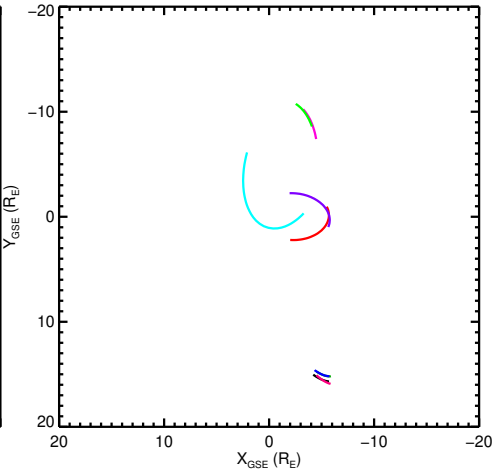


(c) 0820UT to 1225UT
ade bks cly cvw fhw hok kap ksr pgr

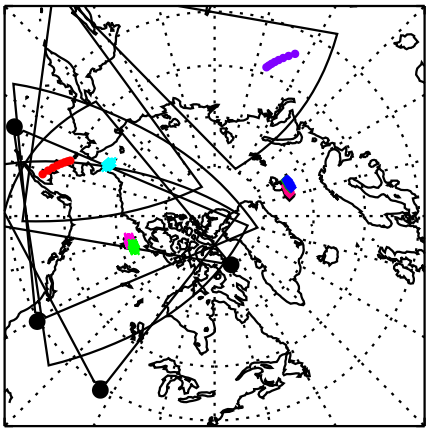


bpk dce sps

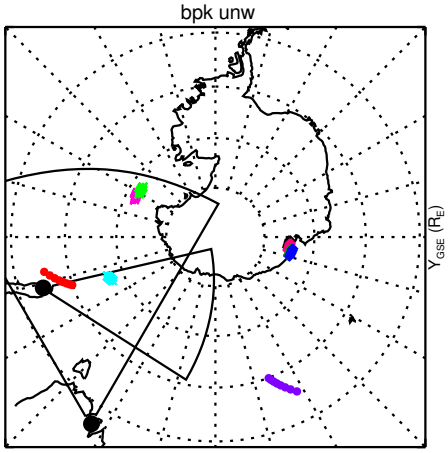


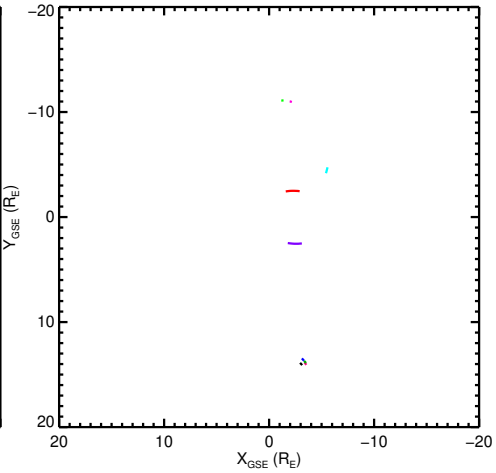


(d) 1435UT to 1510UT
ade cly cvw fhw hkw hok

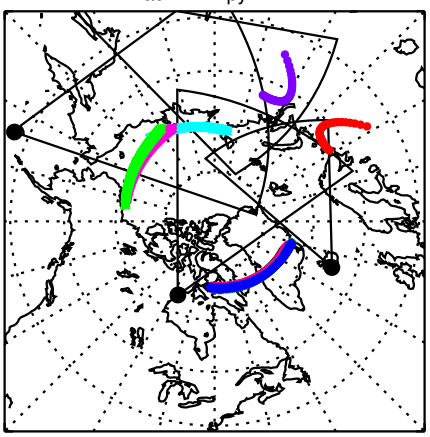


bpk unw





(e) 1720UT to 2130UT
adw hkw pyk rkn



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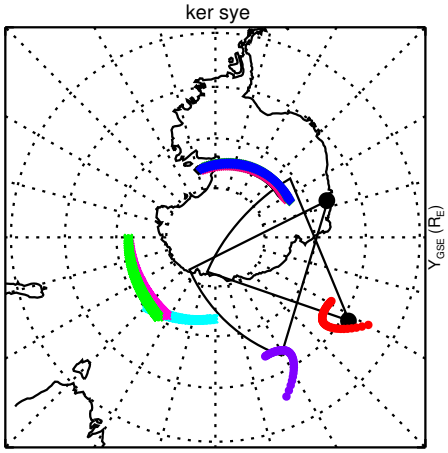
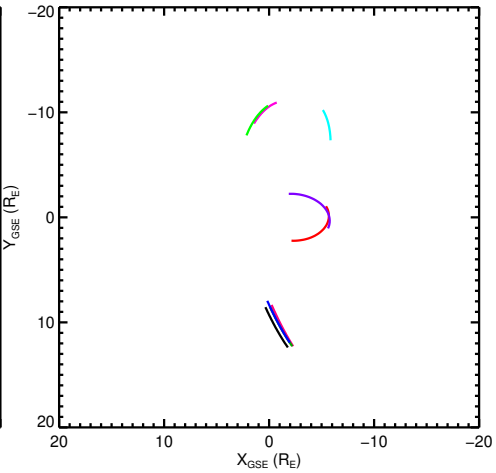
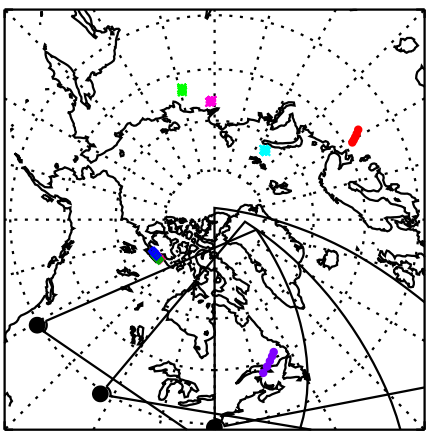
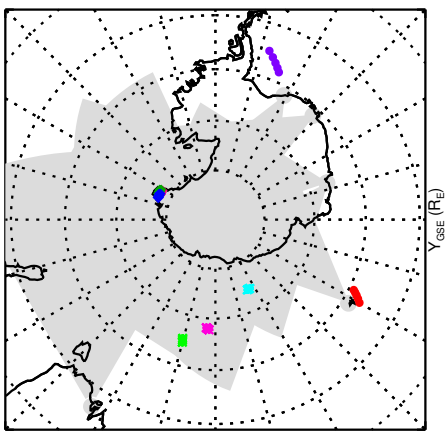
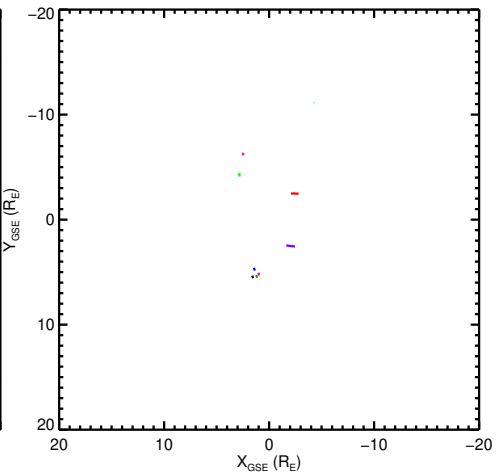




(f) 2335UT to 2355UT
cve fhe wal



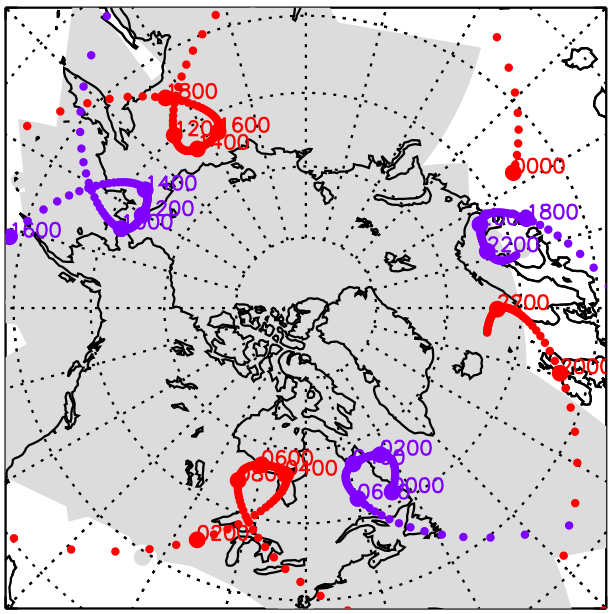


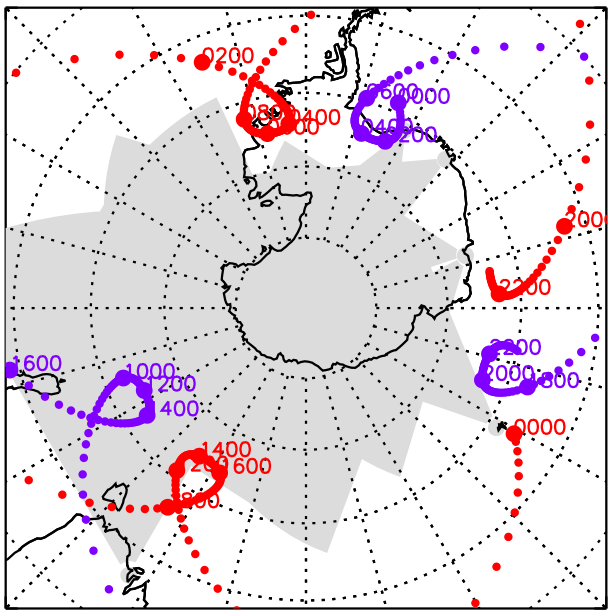


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

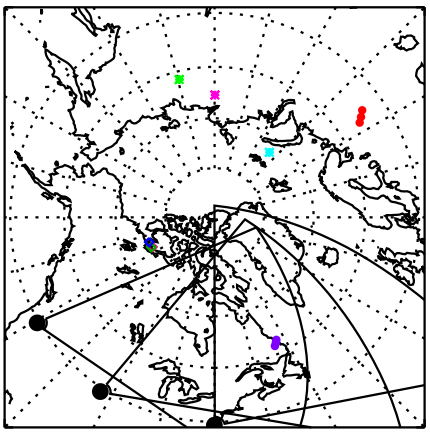
11–Nov–2016

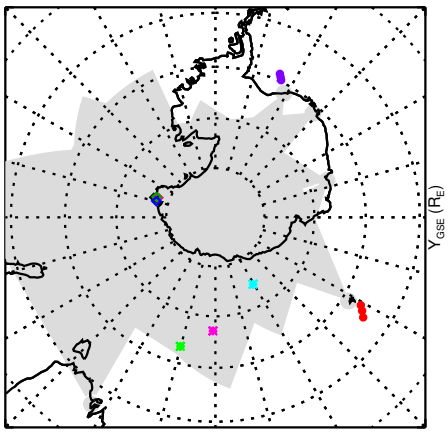
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

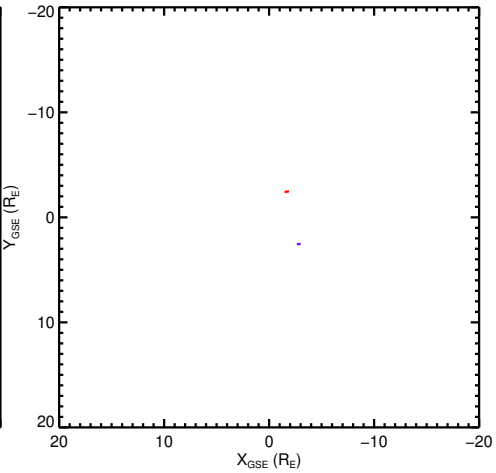




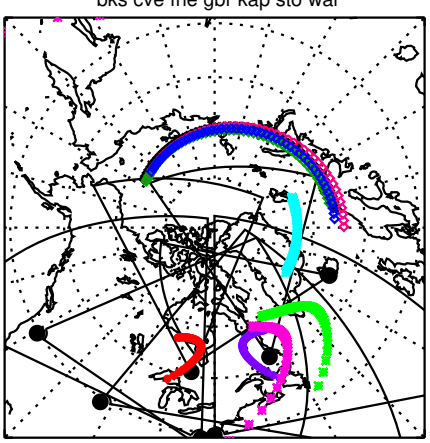
(a) 0000UT to 0010UT
cve fhe wal

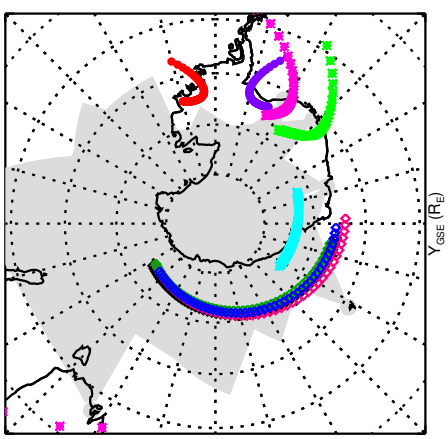


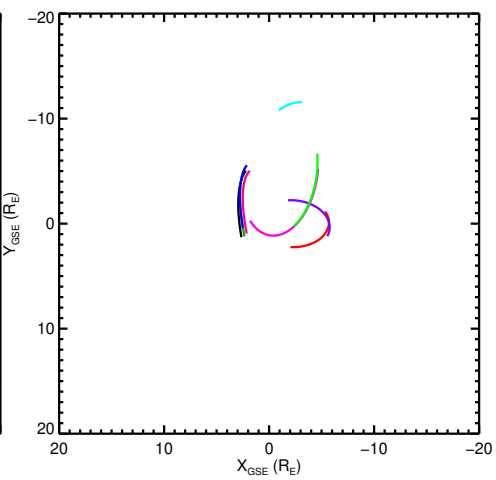




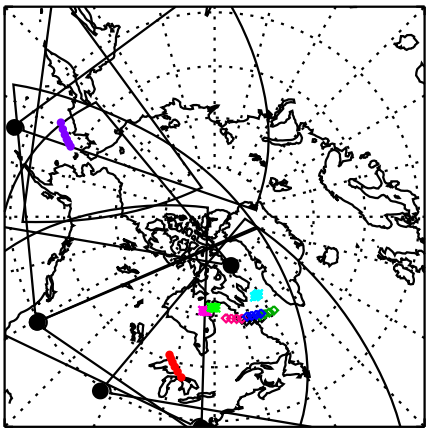
(b) 0215UT to 0635UT
bks cve fhe gbr kap sto wal



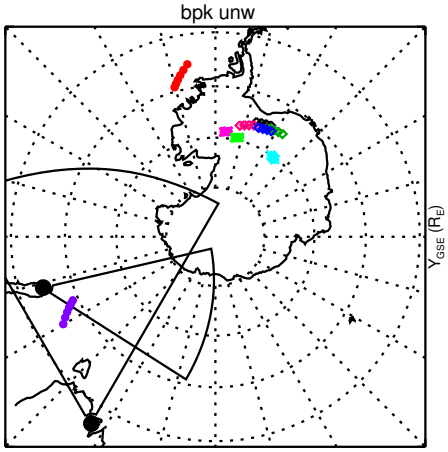


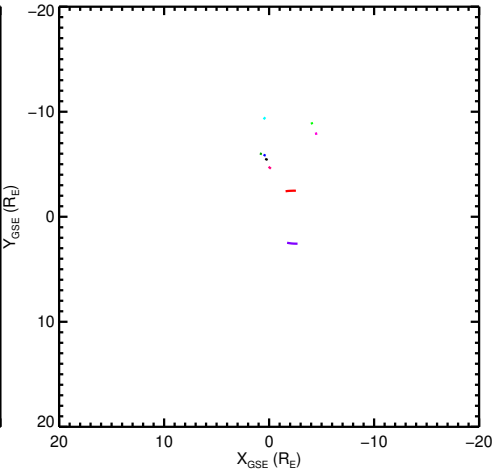


(c) 0840UT to 0905UT
adw bks cly cve cvw fhe hok

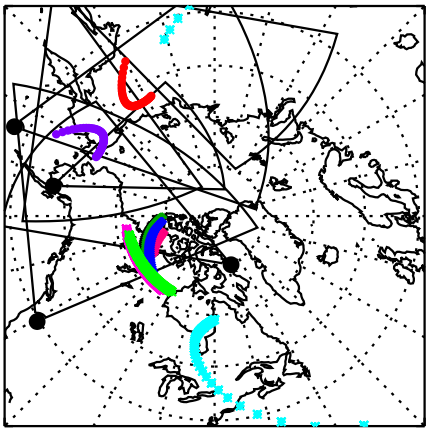


bpk unw

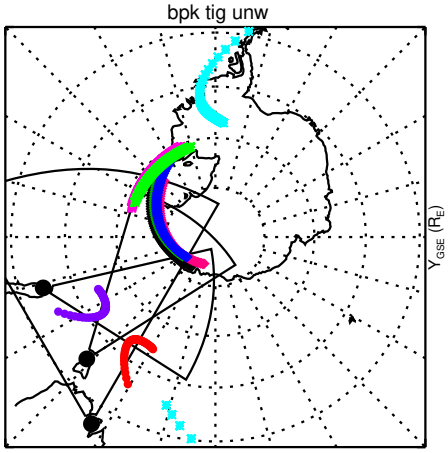


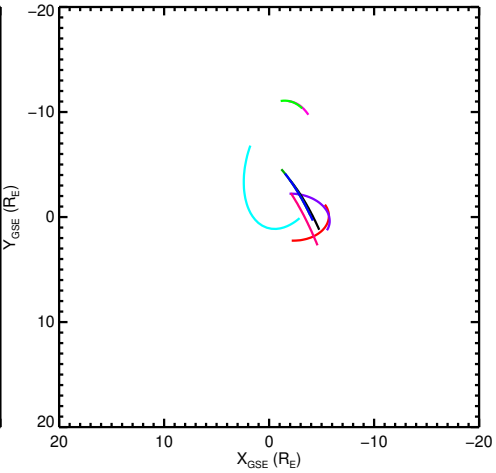


(d) 1115UT to 1535UT
adw cly cvw hkw hok ksr

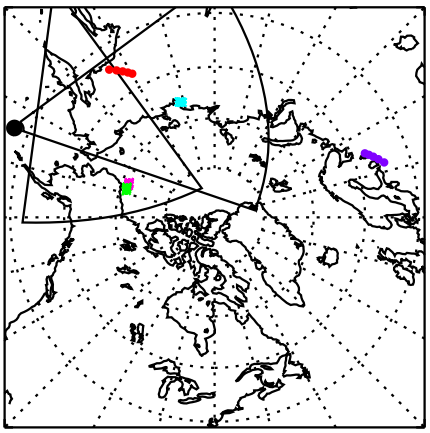


bpk tig unw

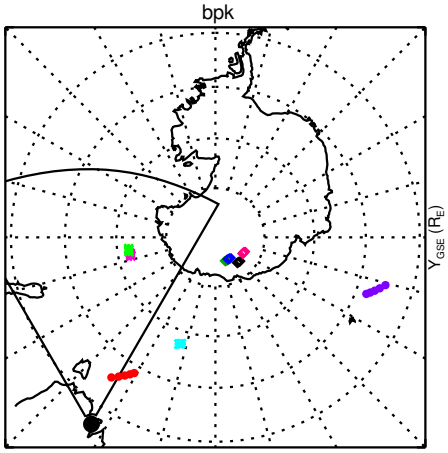


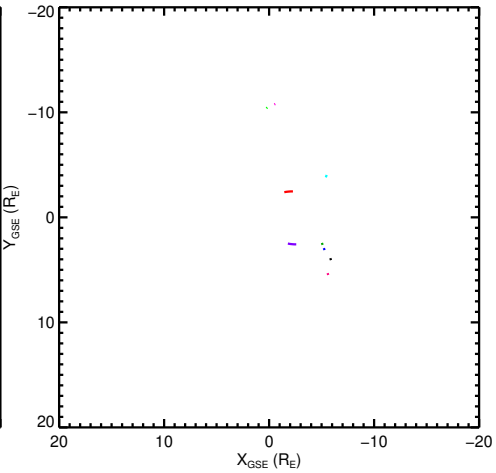


(e) 1745UT to 1805UT
adw hok

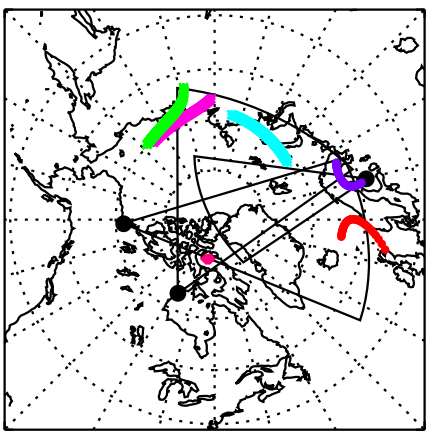


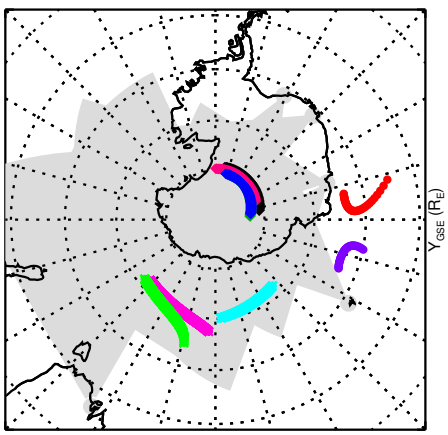
bpk

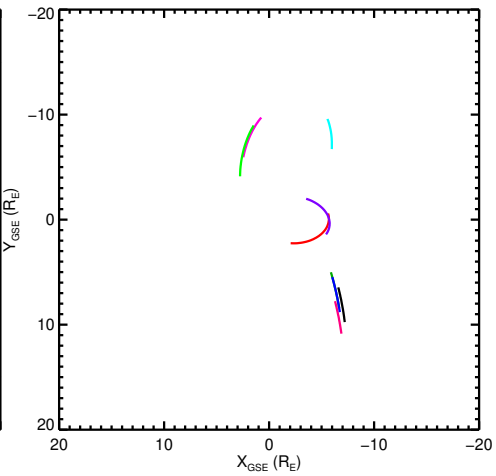




(f) 2010UT to 2355UT
han inv rkn



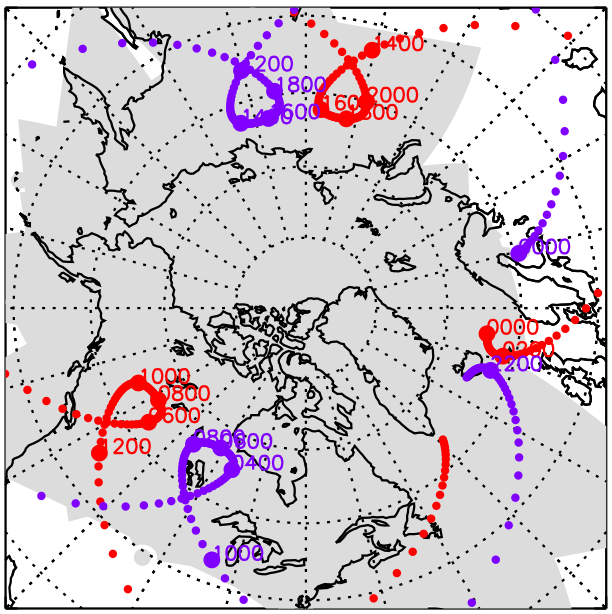


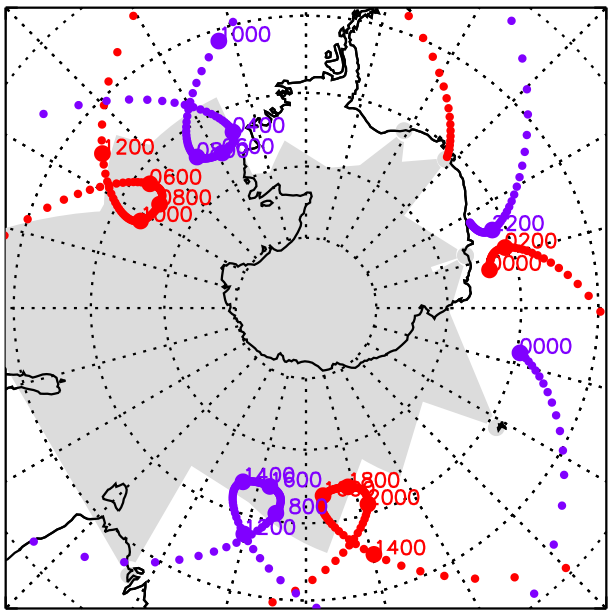


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

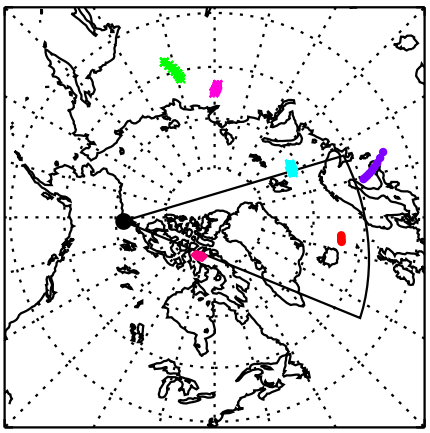
12–Nov–2016

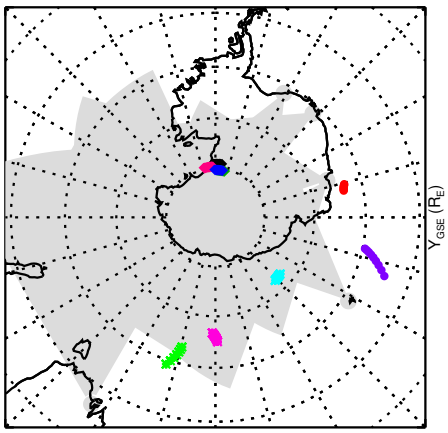
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

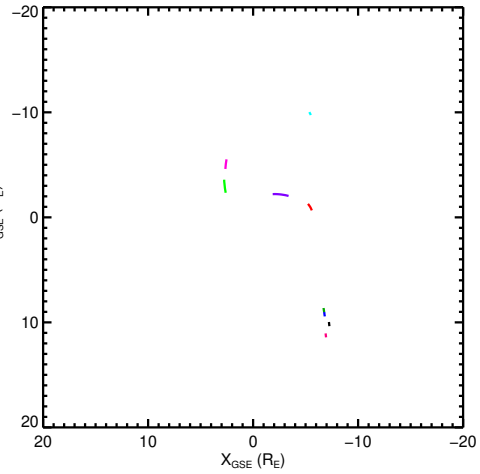




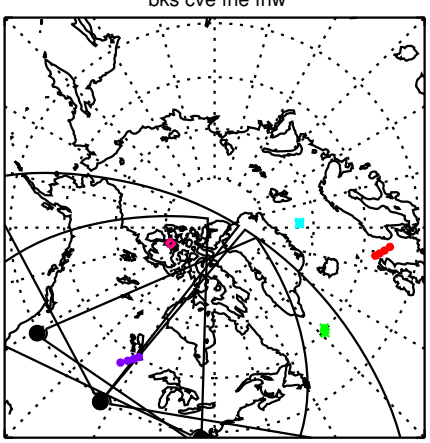
(a) 0000UT to 0040UT
inv



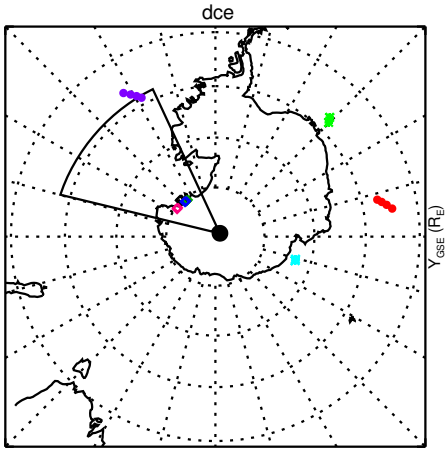


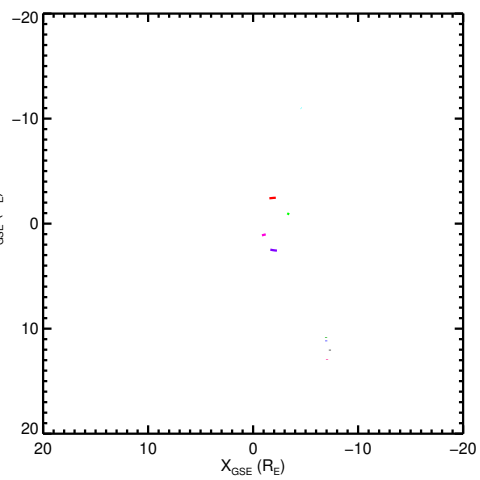


(b) 0245UT to 0300UT
bks cve fhe fhw

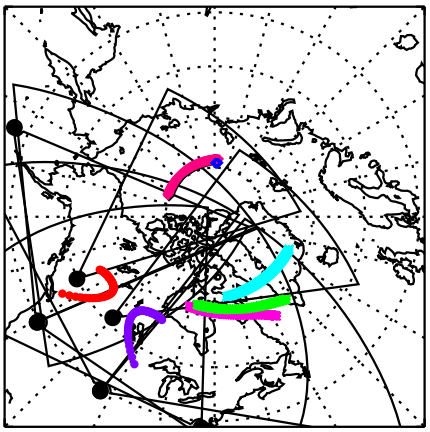


dce

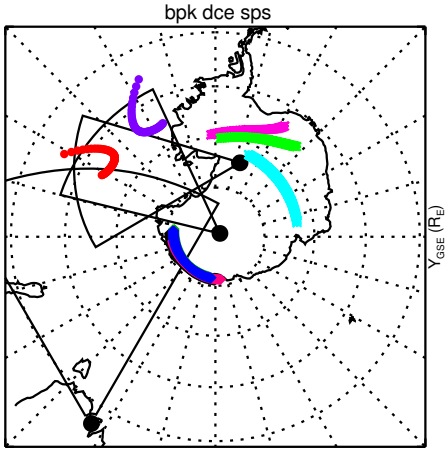


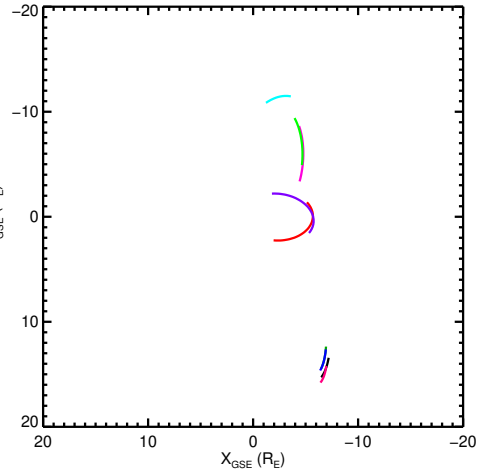


(c) 0505UT to 0945UT
ade bks cve cvw fhe fhw pgr sas

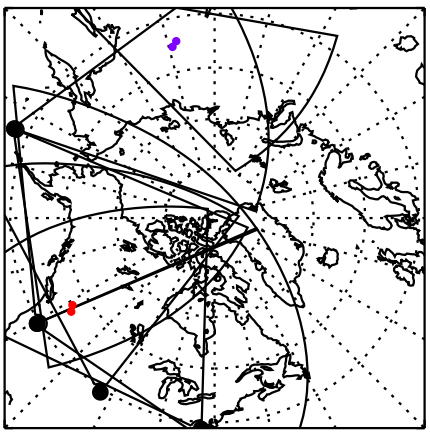


bpk dce sps

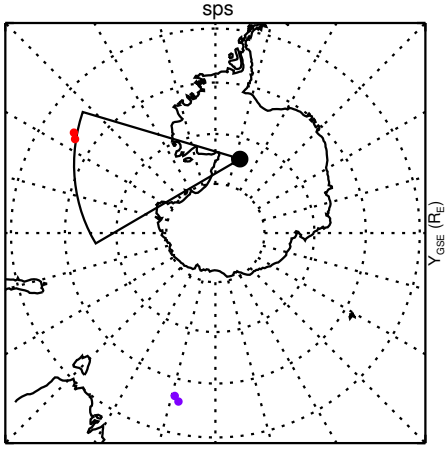


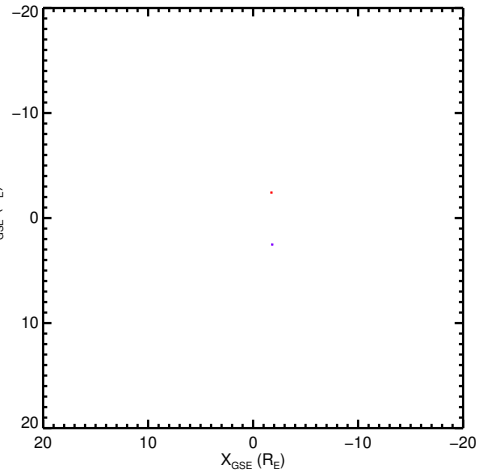


(d) 1150UT to 1155UT
ade adw bks cve cvw fhw hkw

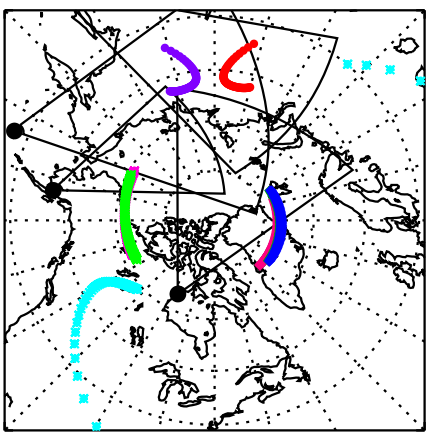


sps

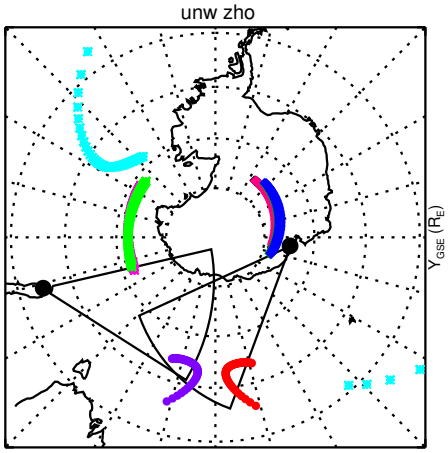


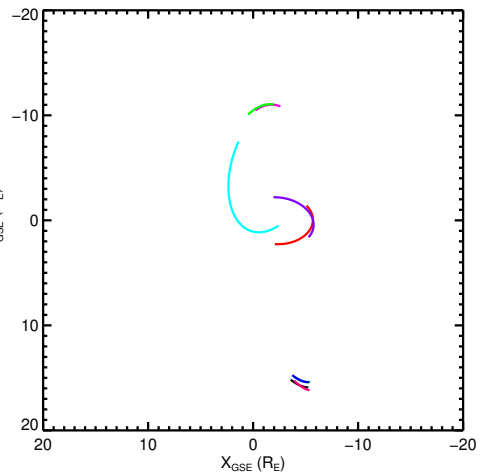


(e) 1405UT to 1845UT
adw hkw ksr rkn

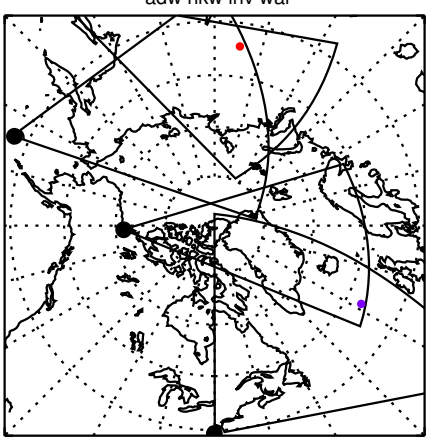


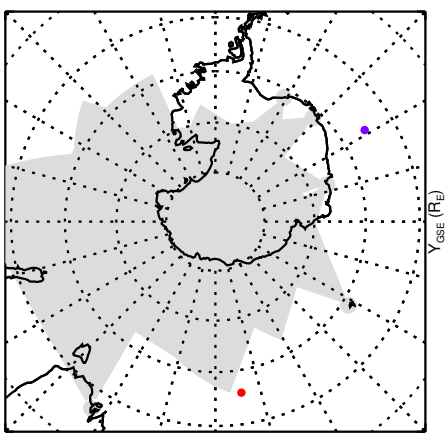
unw zho

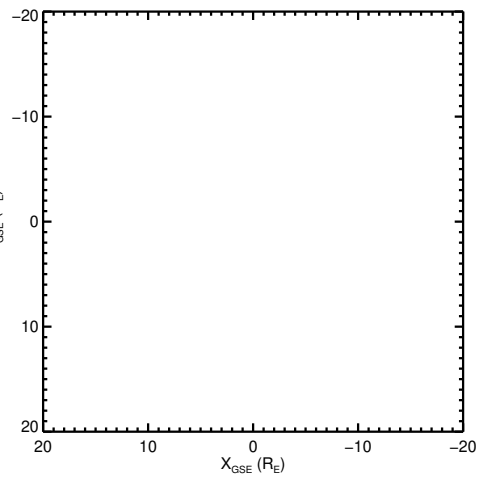




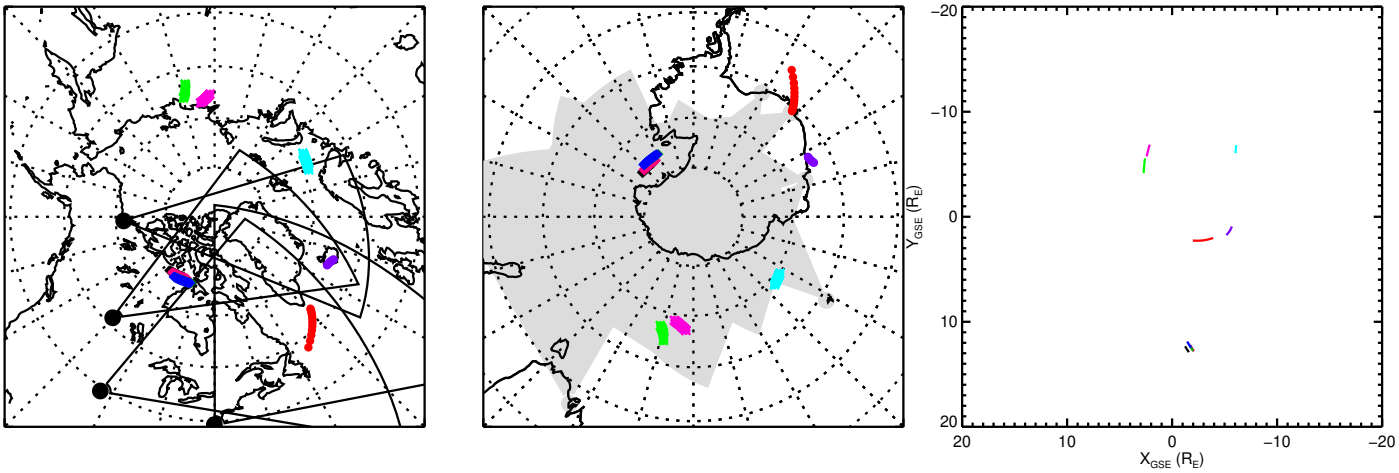
(f) 2055UT to 2055UT
adw hkw inv wal







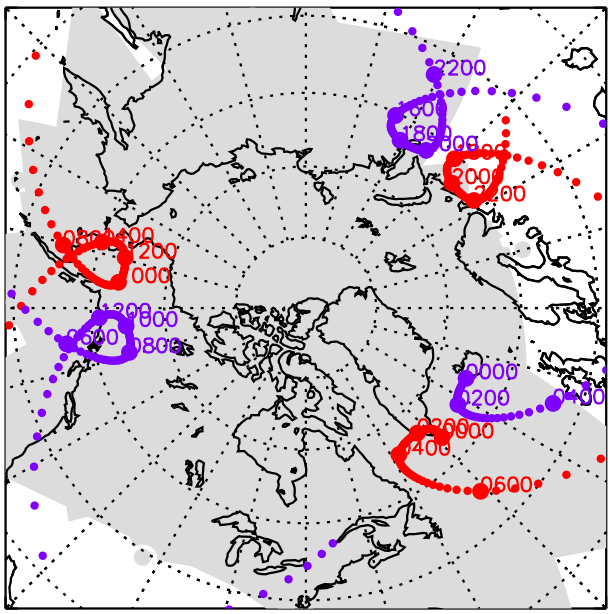
(g) 2300UT to 2355UT
fhe inv sas wal

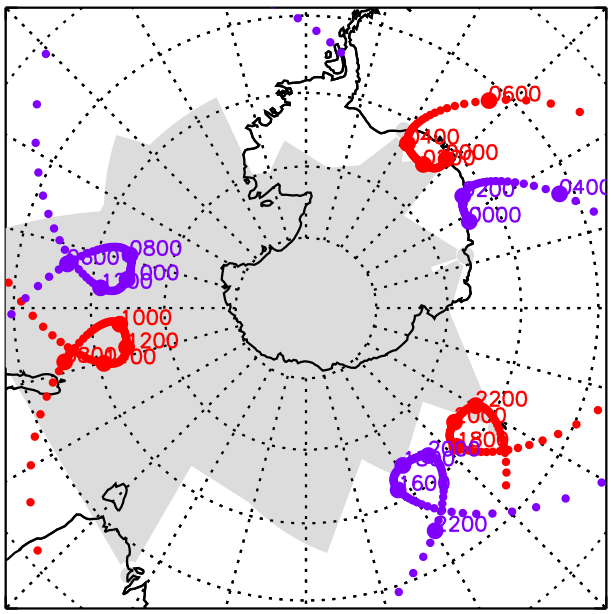


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

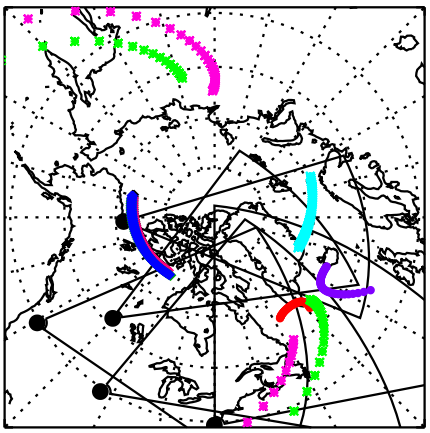
13–Nov–2016

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

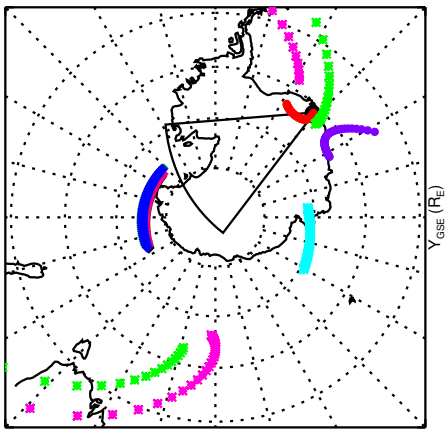


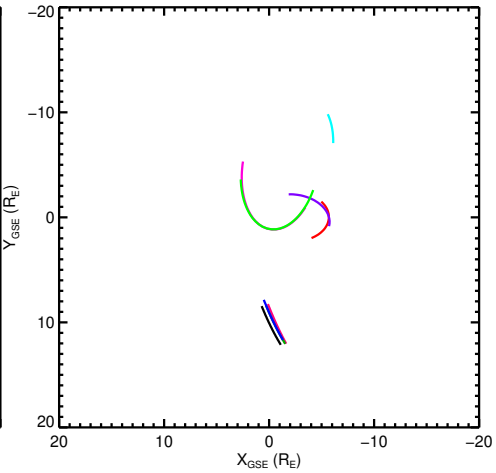


(a) 0000UT to 0350UT
cve fhe inv sas wal

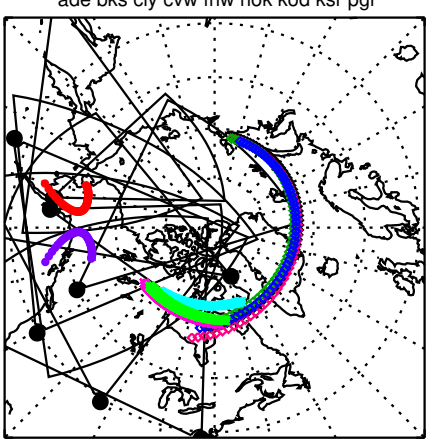


san

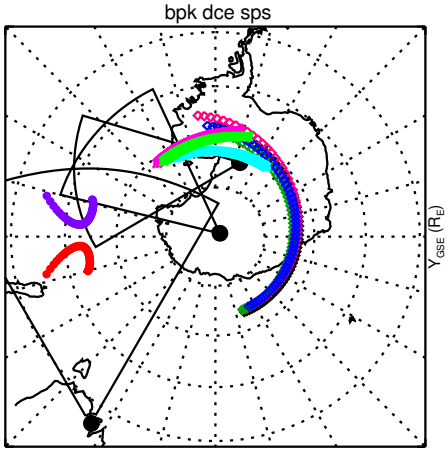


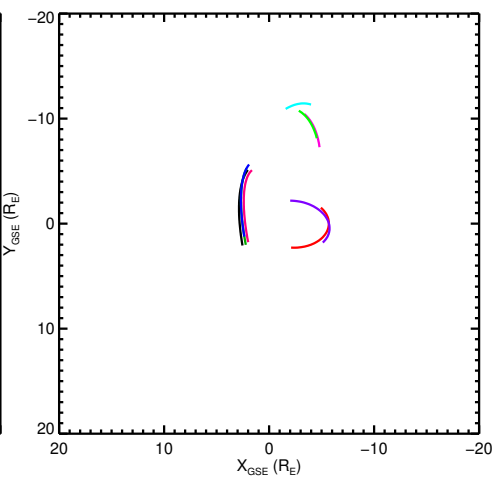


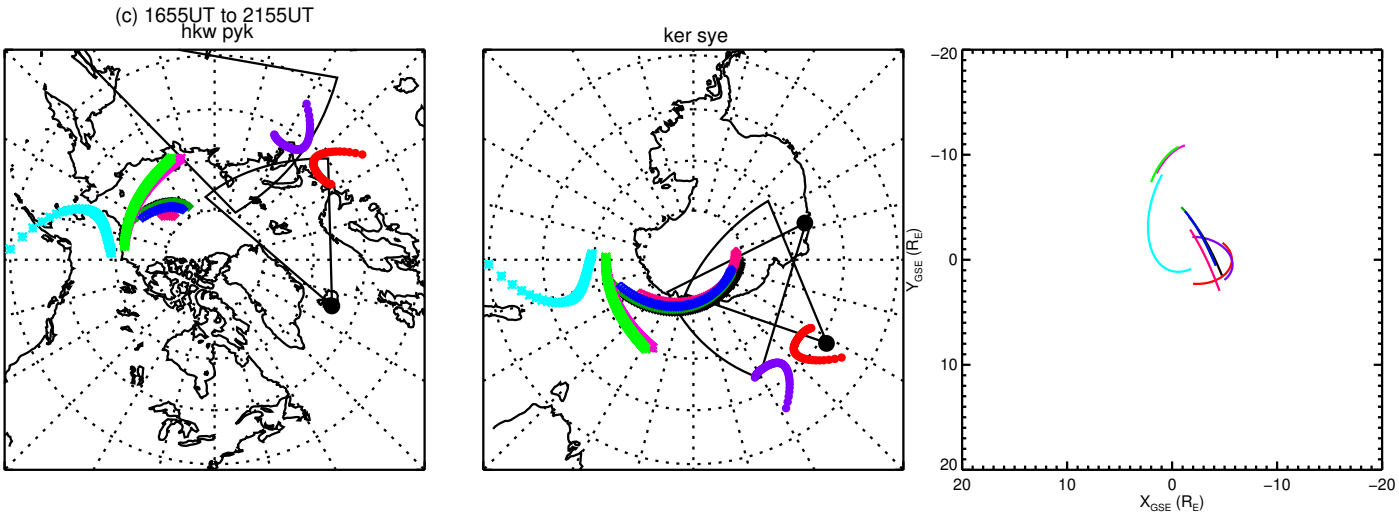
(b) 0800UT to 1250UT
ade bks cly cvw fhw hok kod ksr pgr



bpk dce sps



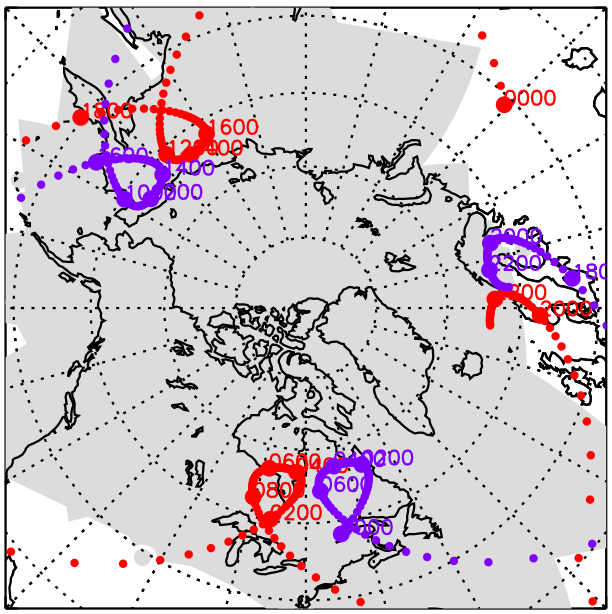


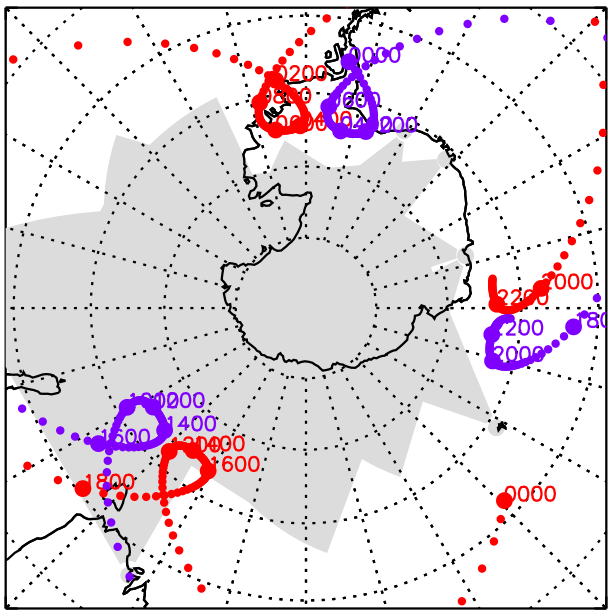

(c) 1655UT to 2155UT
hkw pyk
ker sye
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

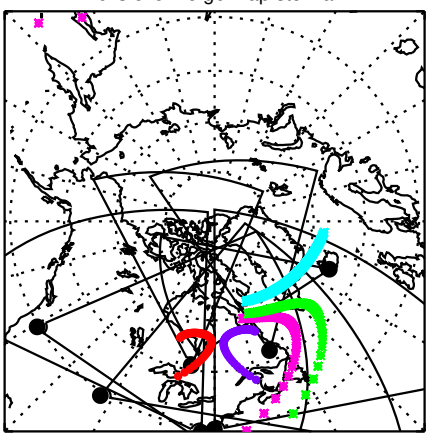
14–Nov–2016

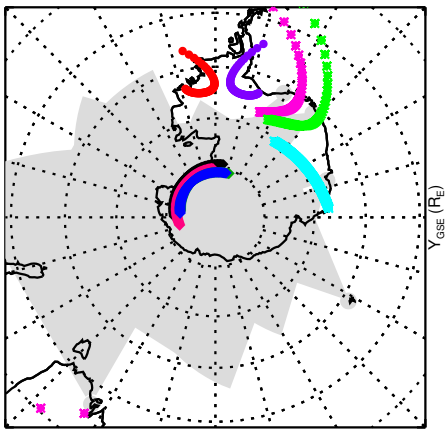
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

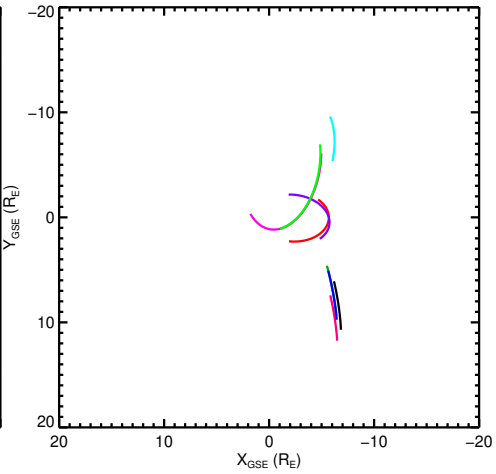




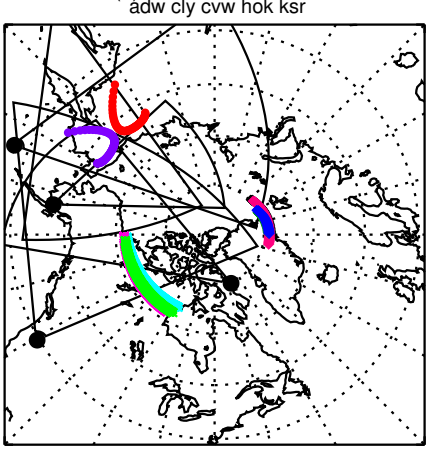
(a) 0150UT to 0700UT
bks cve fhe gbr kap sto wal



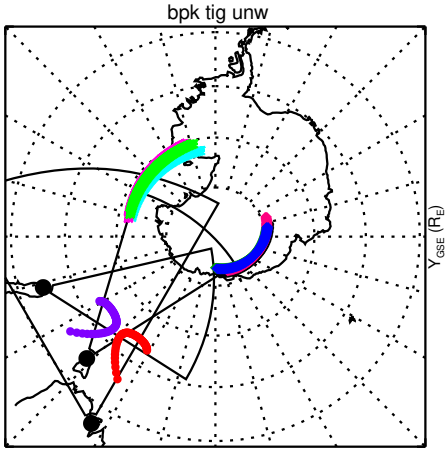


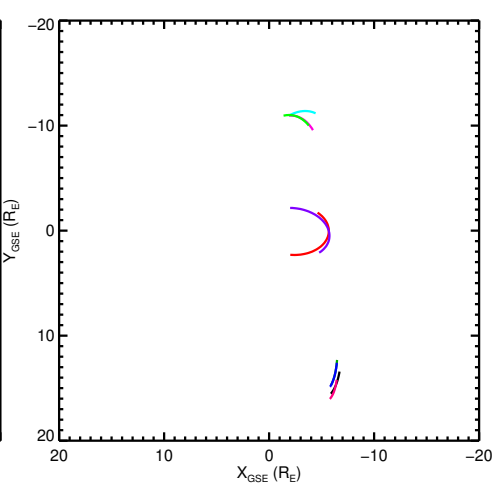


(b) 1050UT to 1600UT
adw cly cvw hok ksr

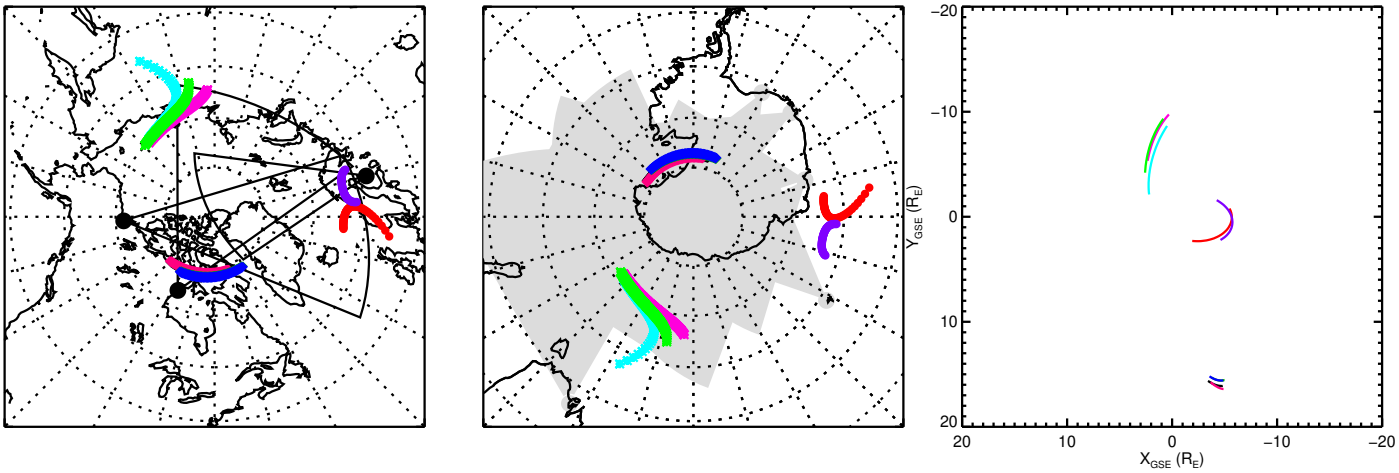


bpk tig unw





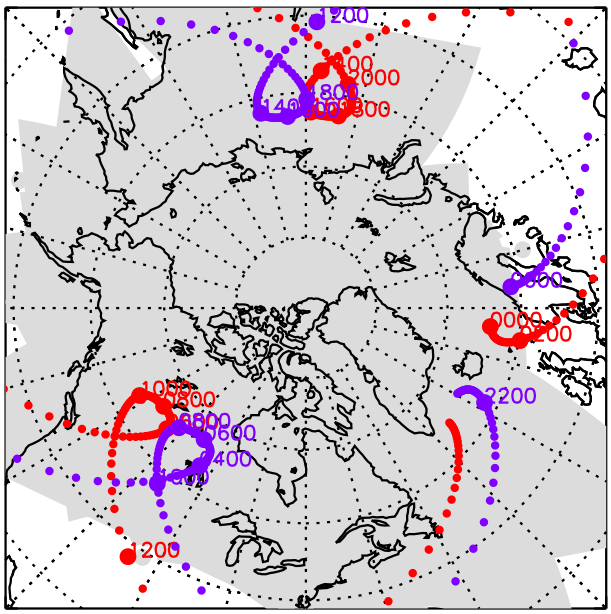
(c) 1945UT to 2355UT
han inv rkn

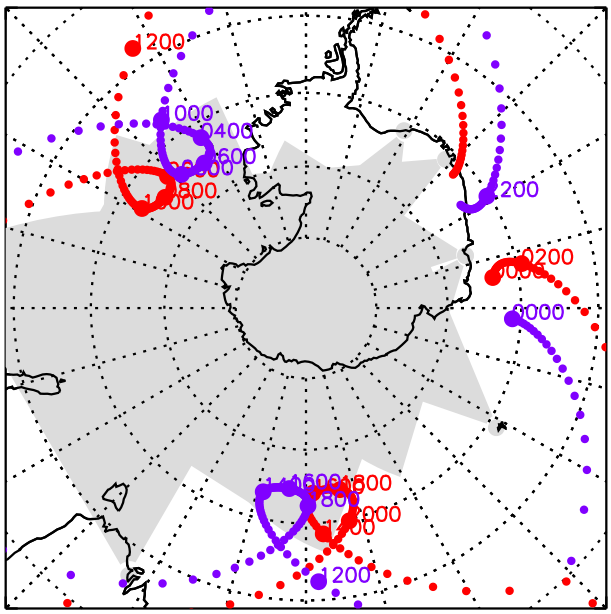


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

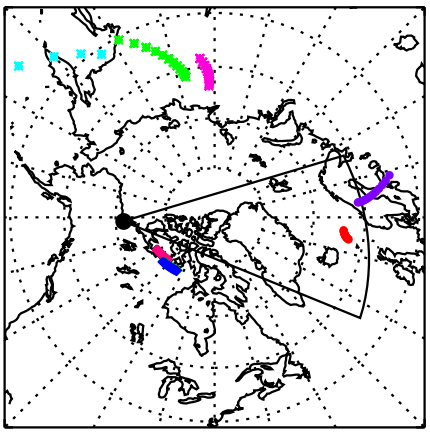
15–Nov–2016

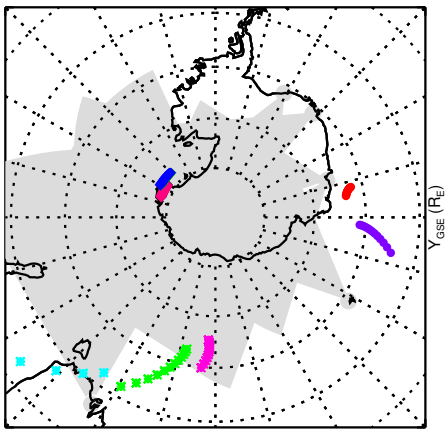
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

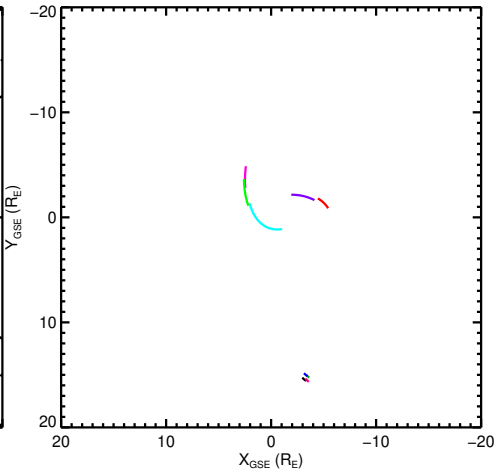




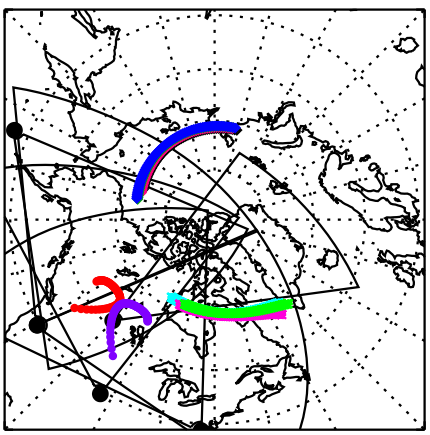
(a) 0000UT to 0105UT
inv



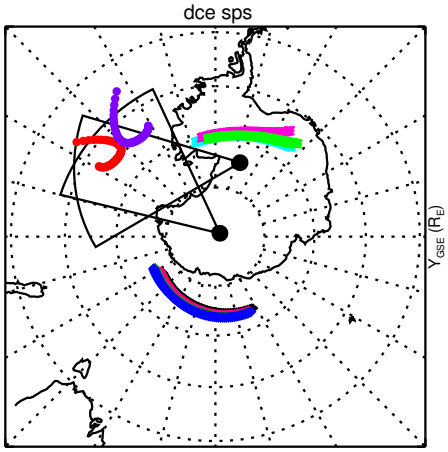


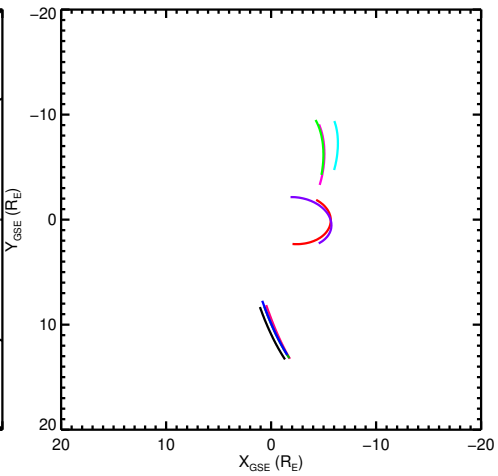


(b) 0445UT to 1010UT
ade bks cve cvw fhw sas



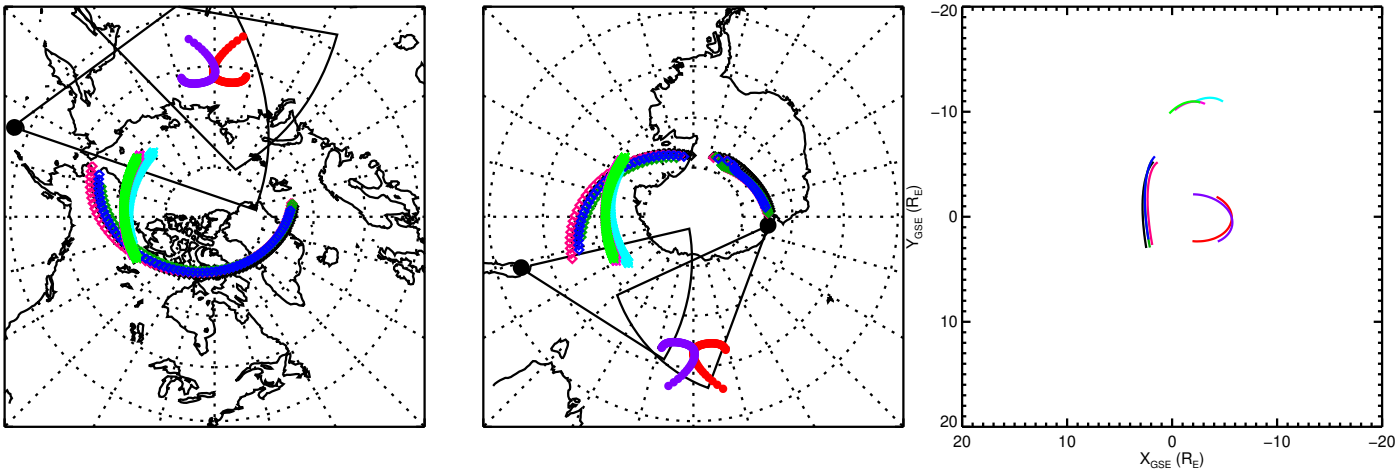
dce sps



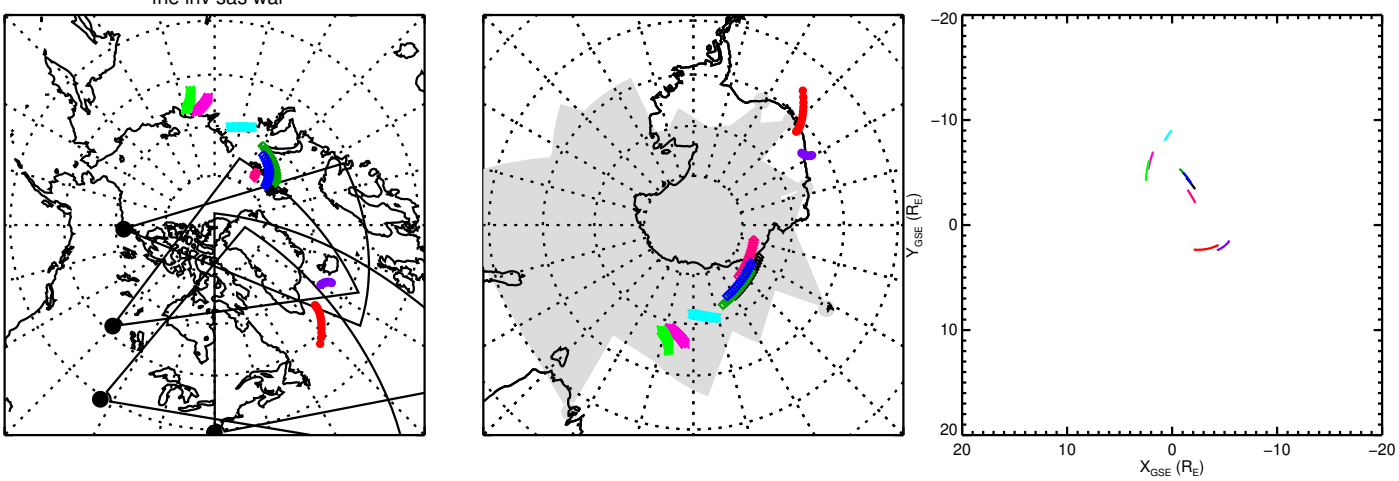


(c) 1340UT to 1910UT
adw hkw

unw zho



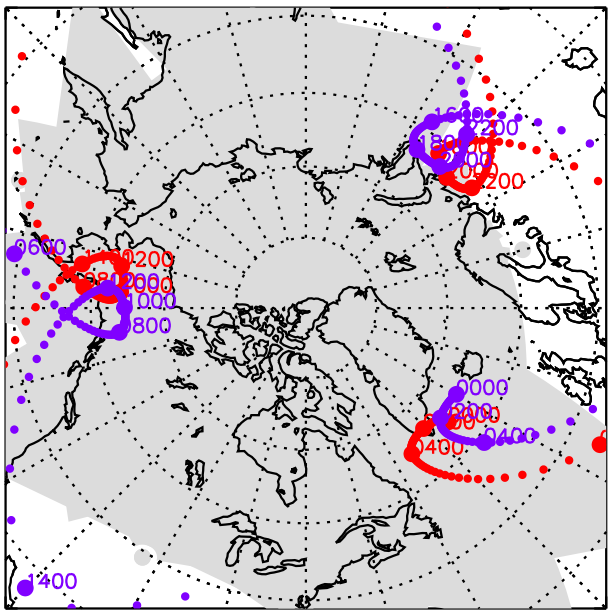
(d) 2240UT to 2355UT
fhe inv sas wal

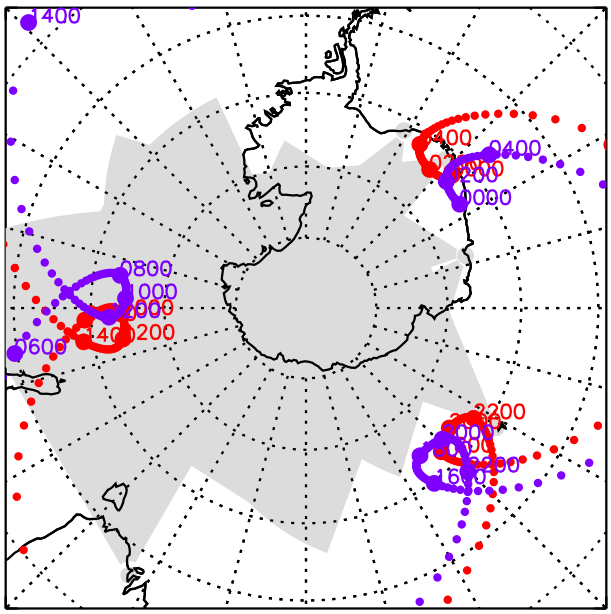


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

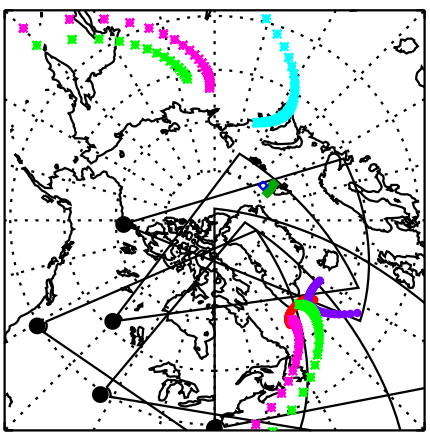
16–Nov–2016

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

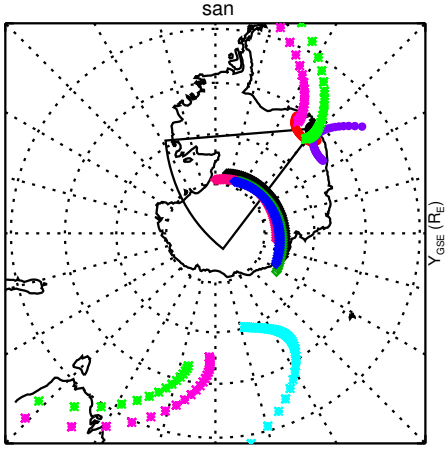


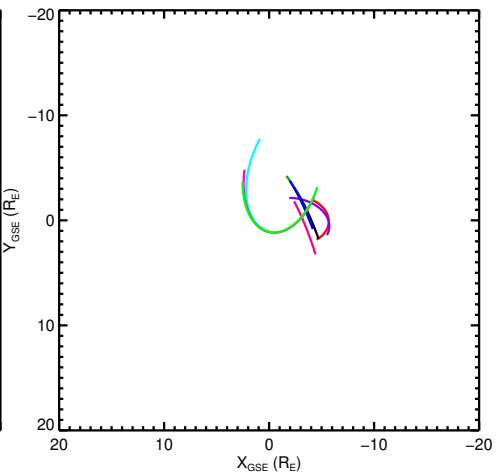


(a) 0000UT to 0415UT
cve fhe inv sas wal

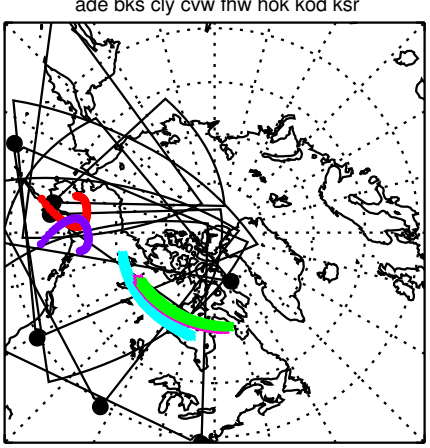


san

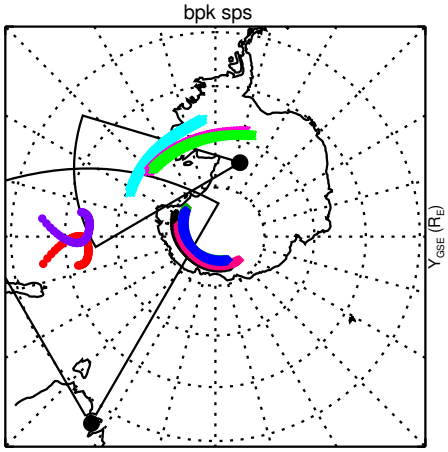


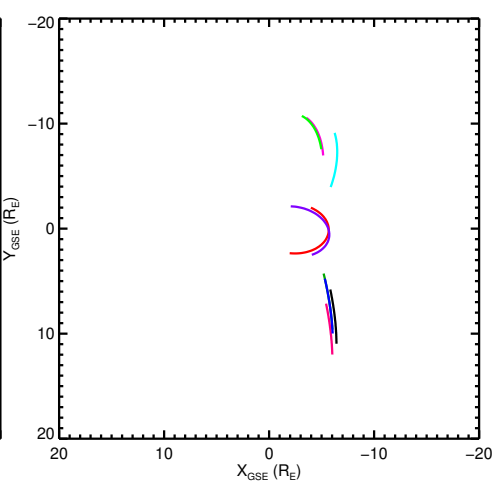


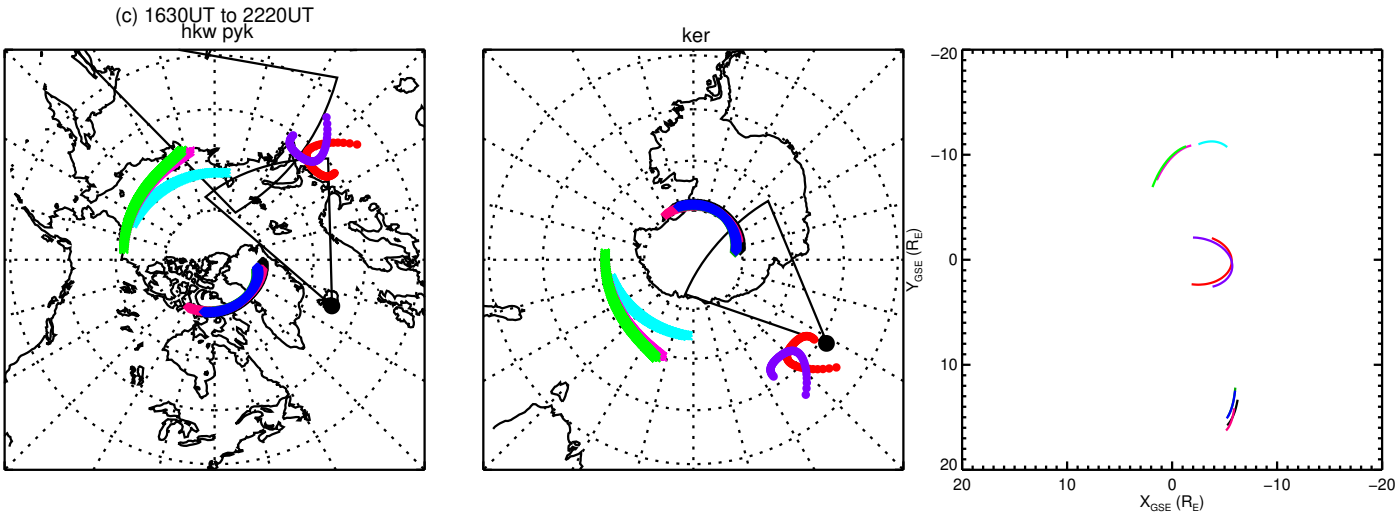
(b) 0735UT to 1315UT
ade bks cly cvw fhw hok kod ksr



bpk sps



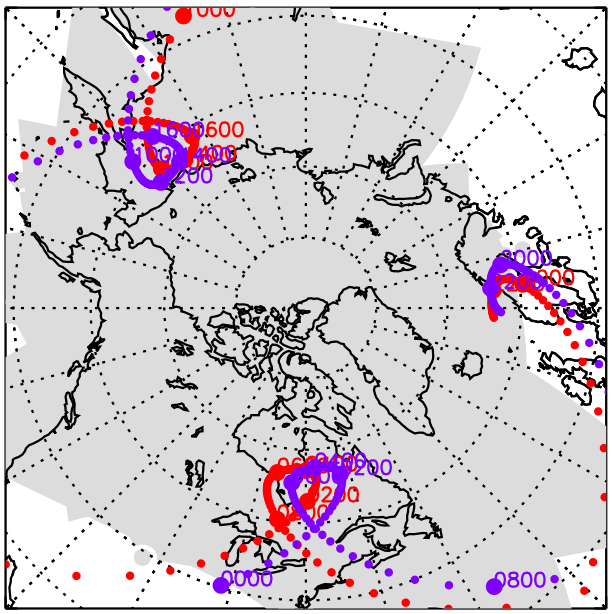


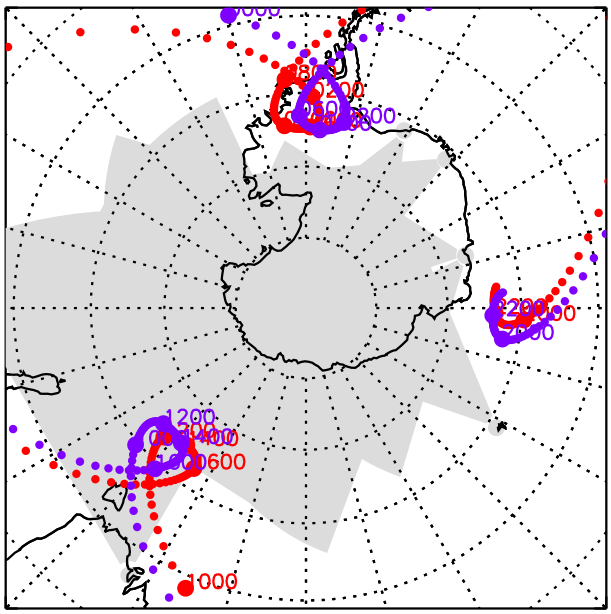

(c) 1630UT to 2220UT
hkw pyk
ker
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

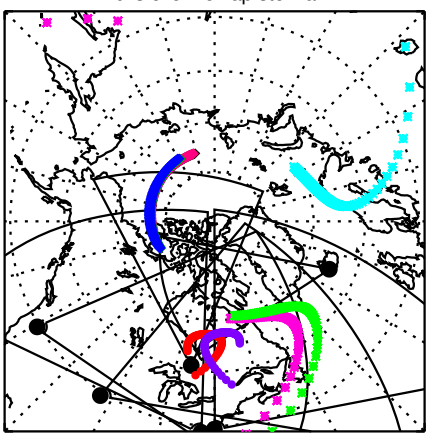
17–Nov–2016

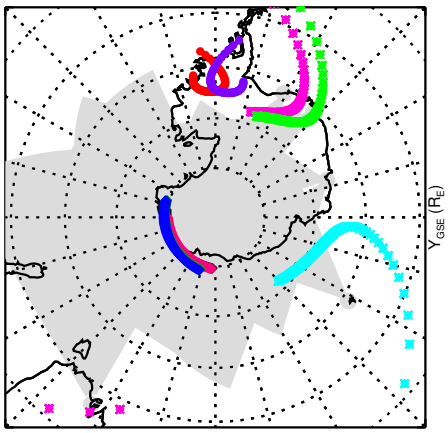
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

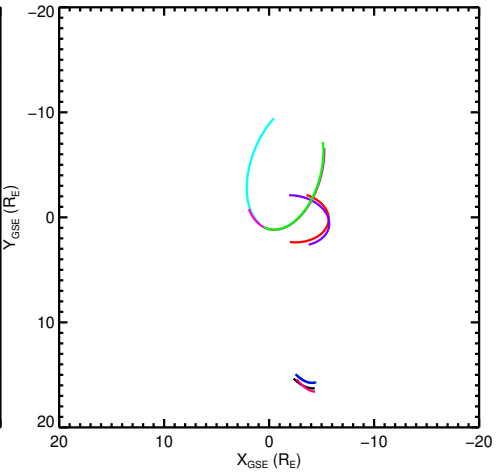




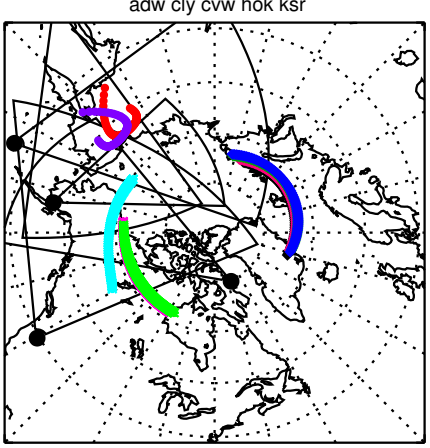
(a) 0130UT to 0725UT
bks cve fhe kap sto wal



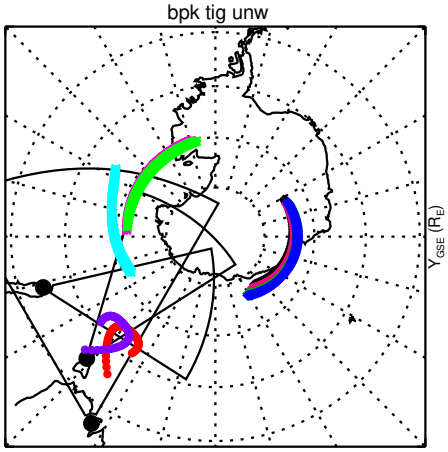


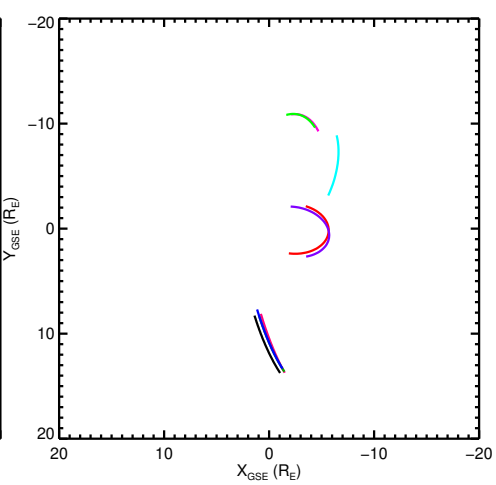


(b) 1025UT to 1625UT
adw cly cvw hok ksr

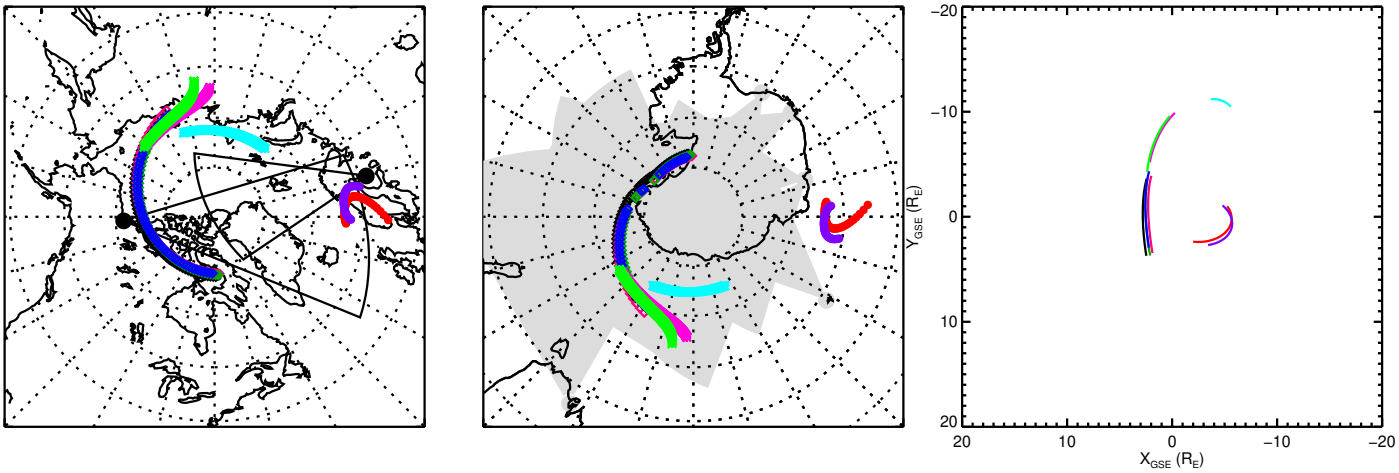


bpk tig unw





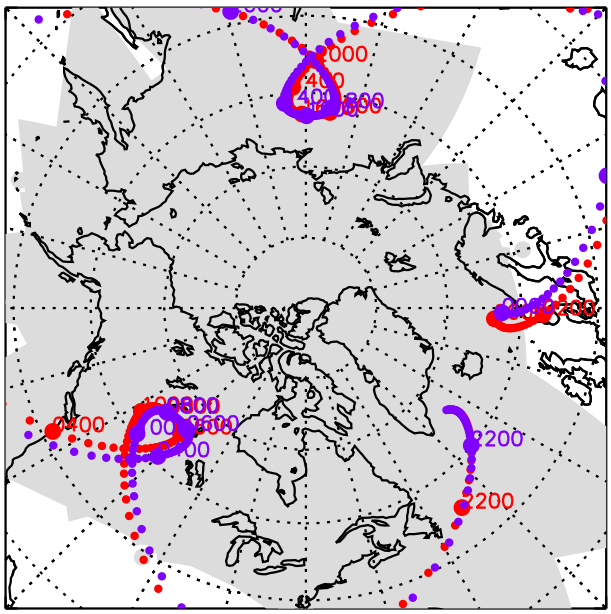
(c) 1925UT to 2355UT
han inv

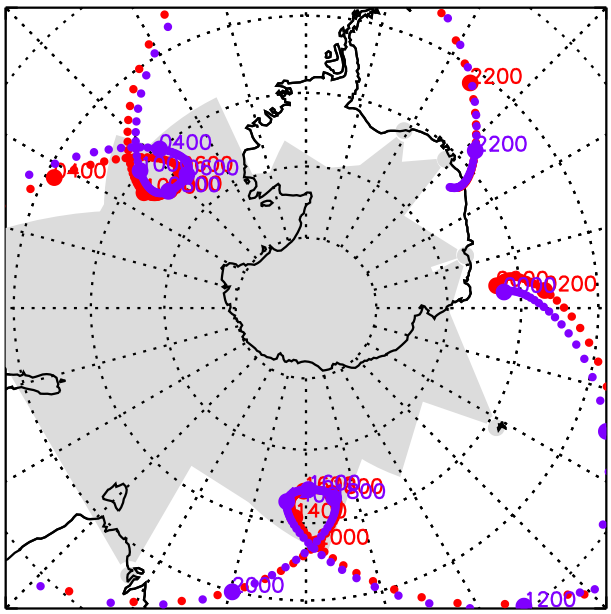


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

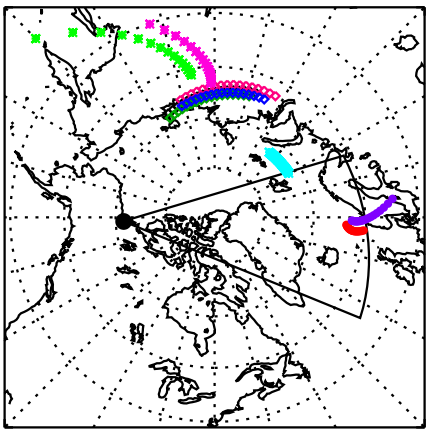
18–Nov–2016

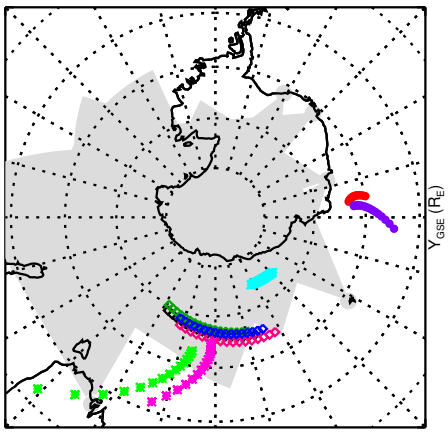
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

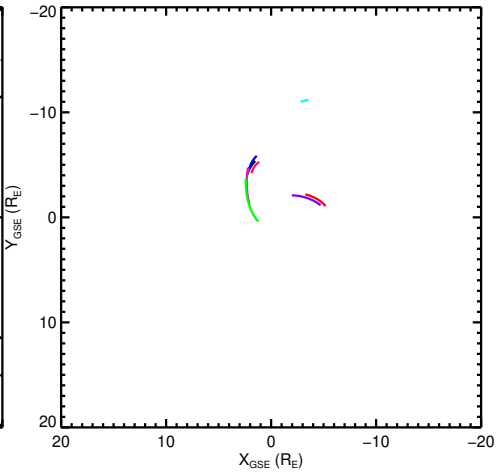




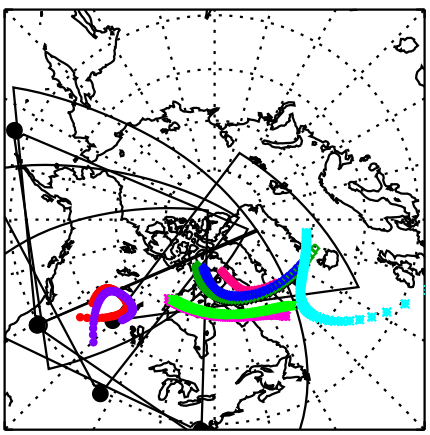
(a) 0000UT to 0130UT
inv



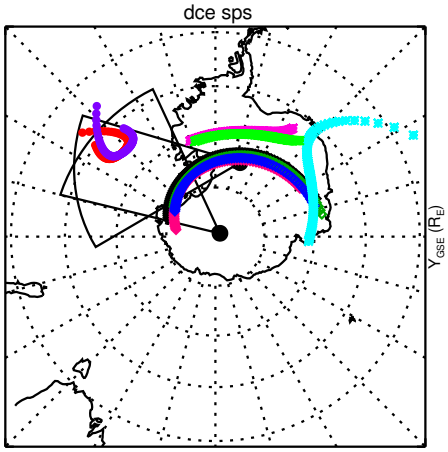


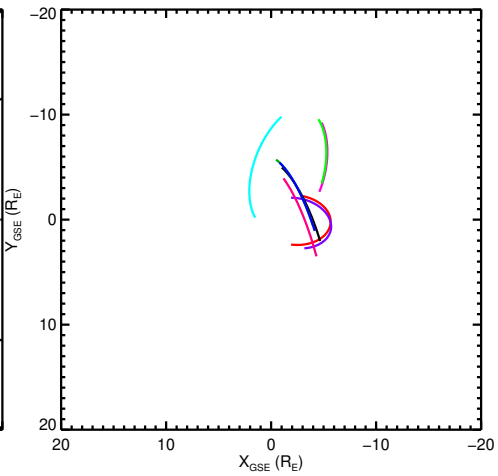


(b) 0420UT to 1035UT
ade bks cve cvw fhw sas

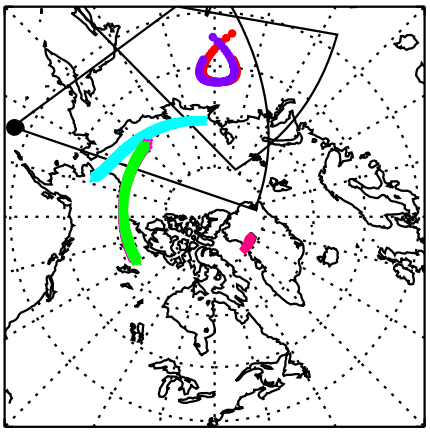


dce sps

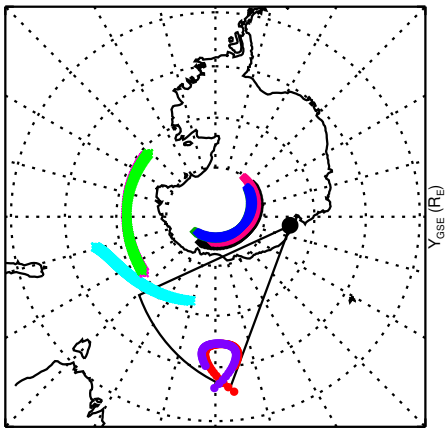


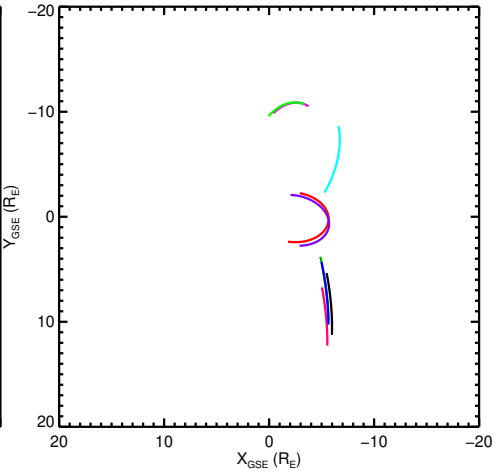


(c) 1315UT to 1935UT
adw hkw

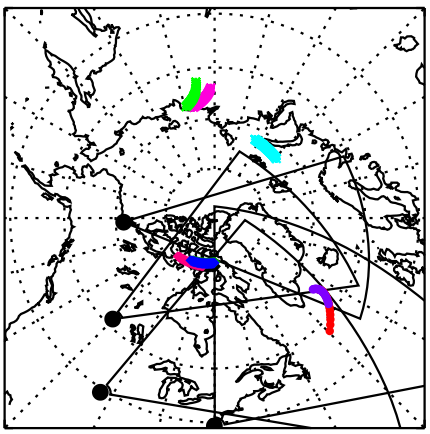


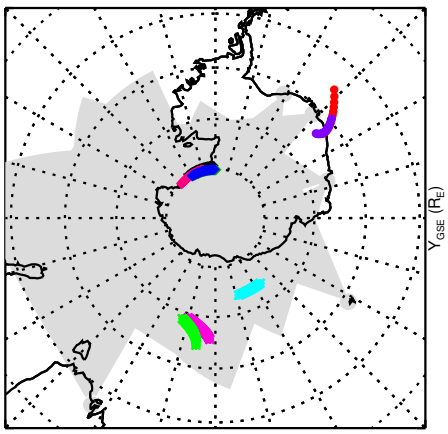
zho

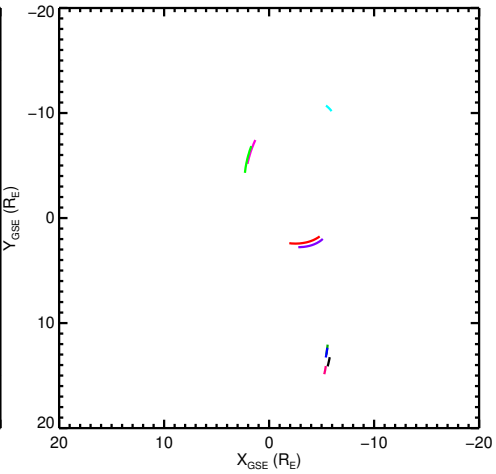




(d) 2215UT to 2355UT
fhe inv sas wal



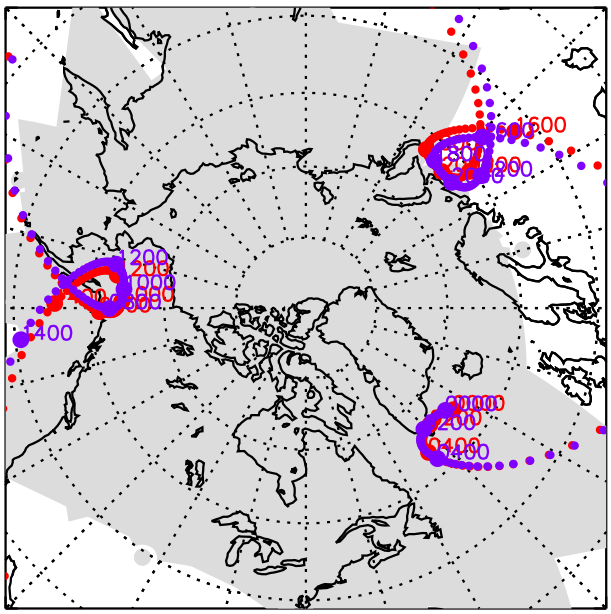


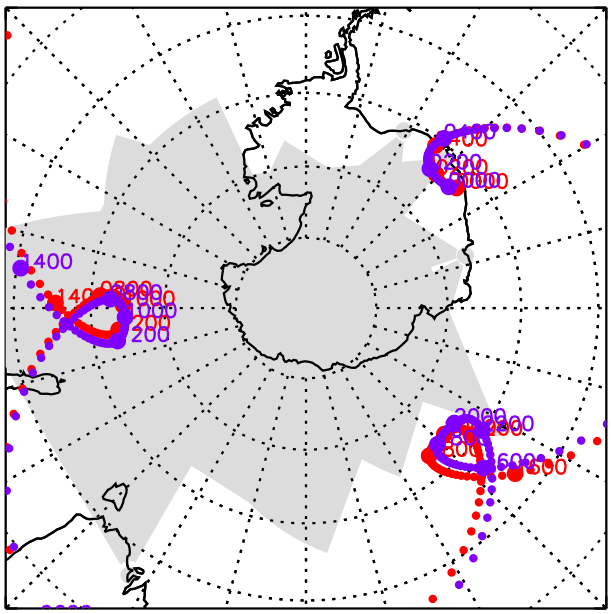


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

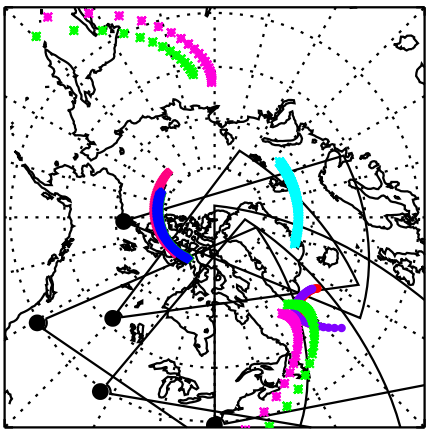
19–Nov–2016

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

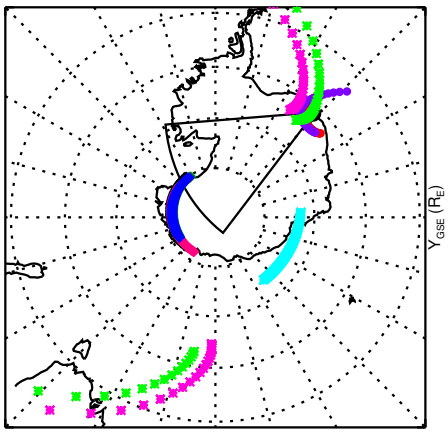


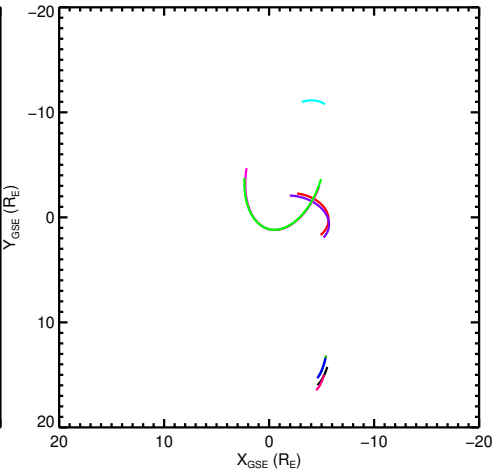


(a) 0000UT to 0440UT
cve fhe inv sas wal

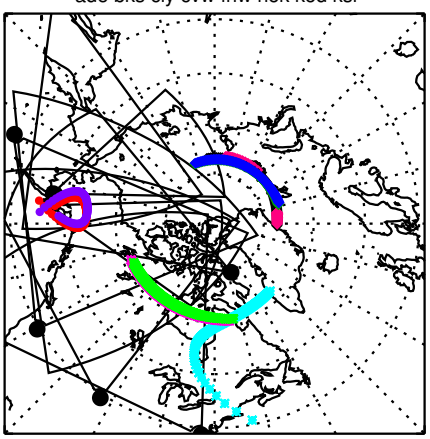


san

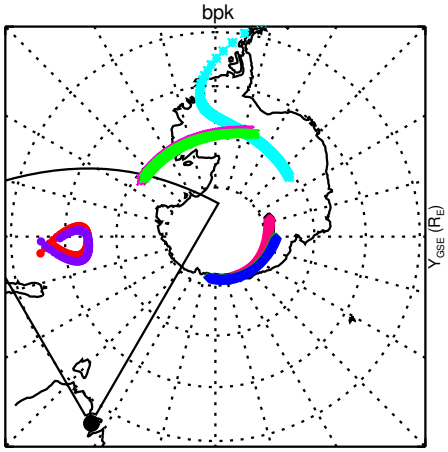


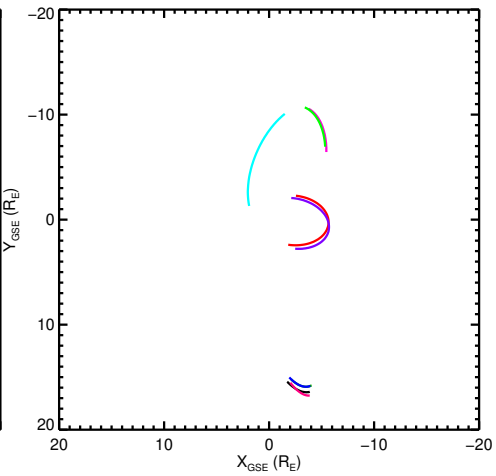


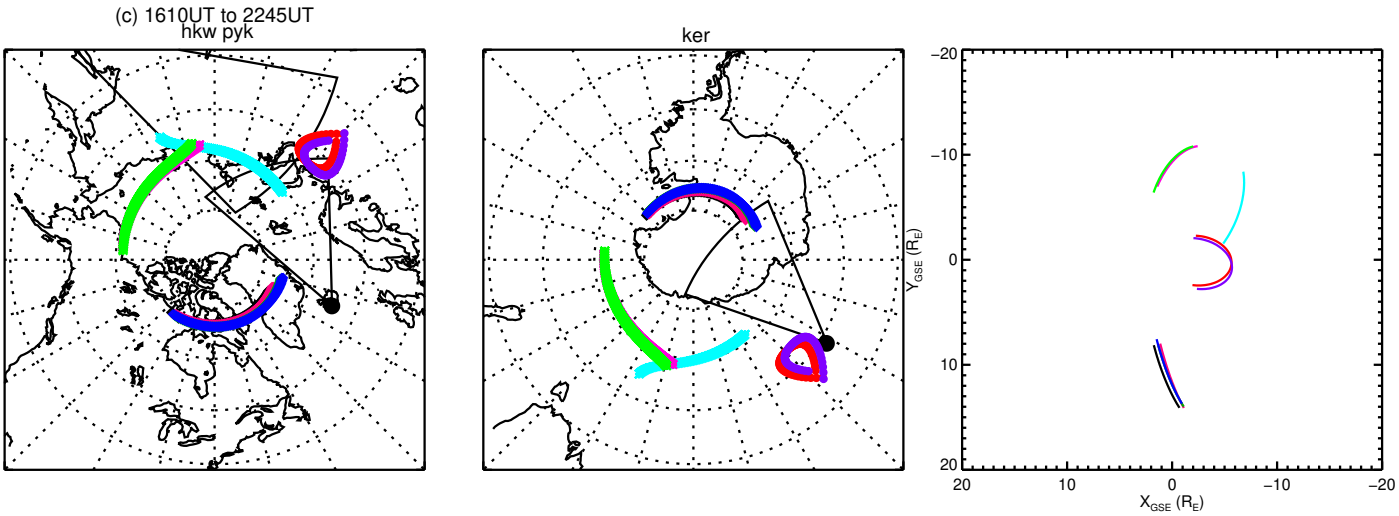
(b) 0710UT to 1340UT
ade bks cly cvw fhw hok kod ksr



bpk



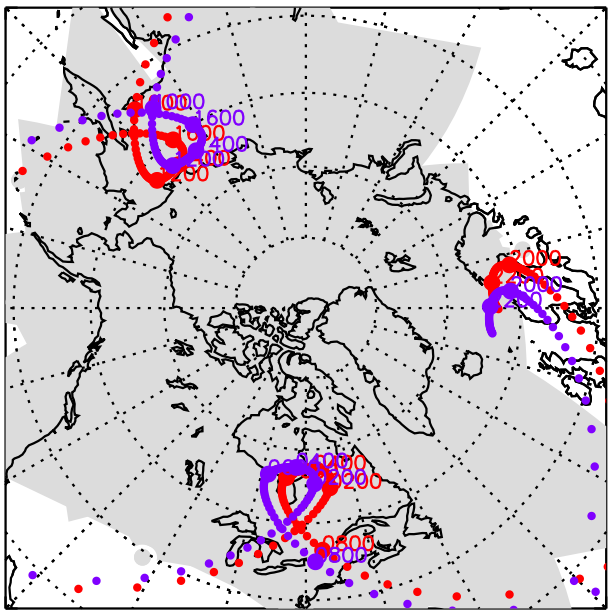


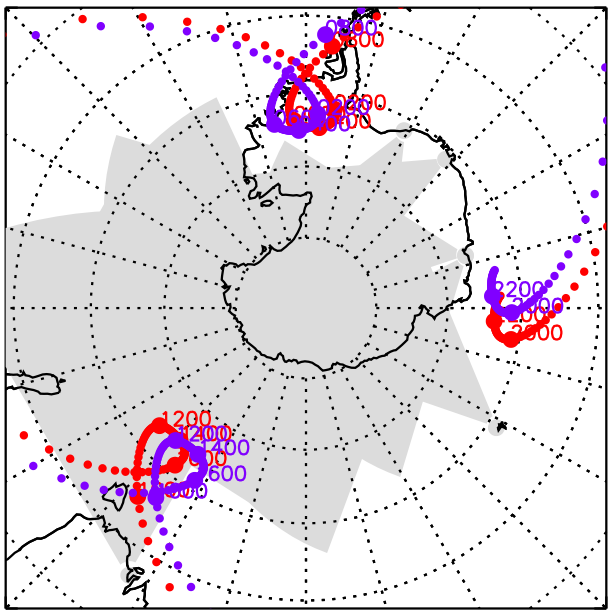

(c) 1610UT to 2245UT
hkw pyk
ker
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

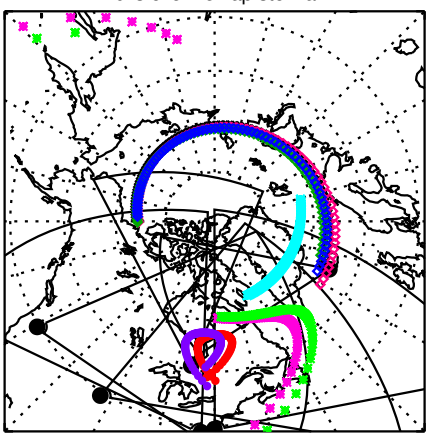
20–Nov–2016

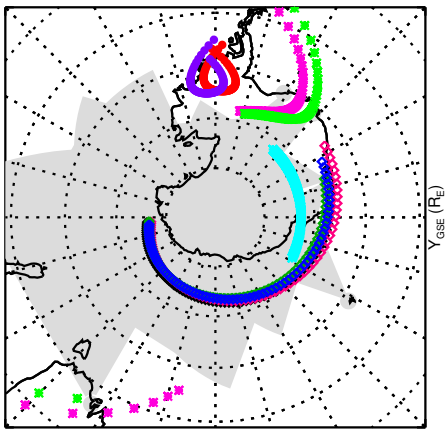
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

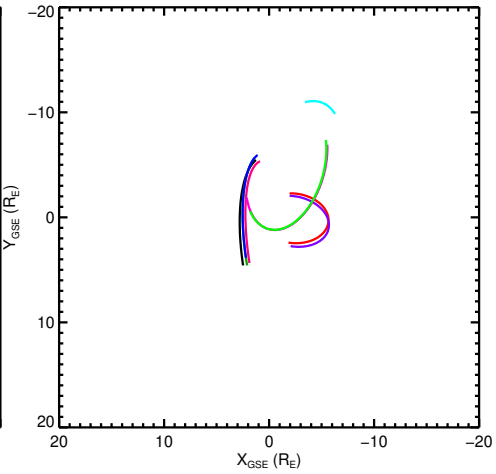




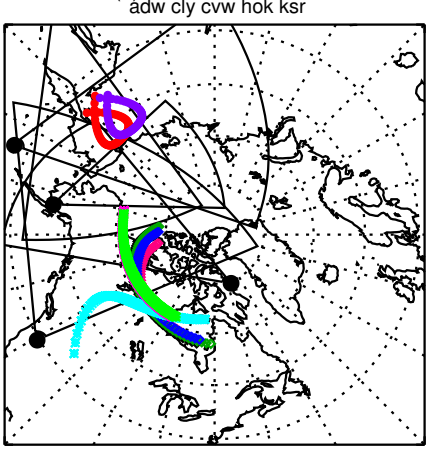
(a) 0105UT to 0750UT
bks cve fhe kap sto wal



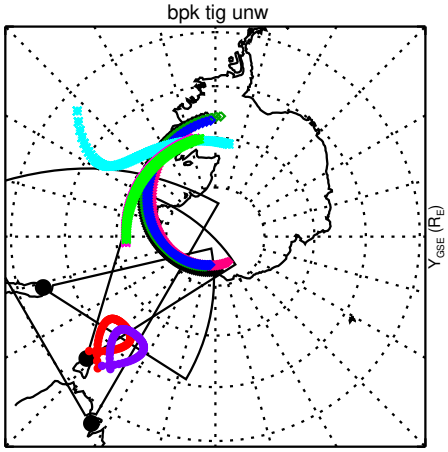


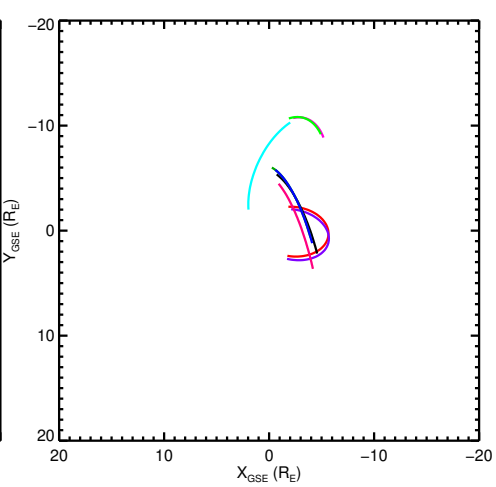


(b) 1000UT to 1650UT
adw cly cvw hok ksr

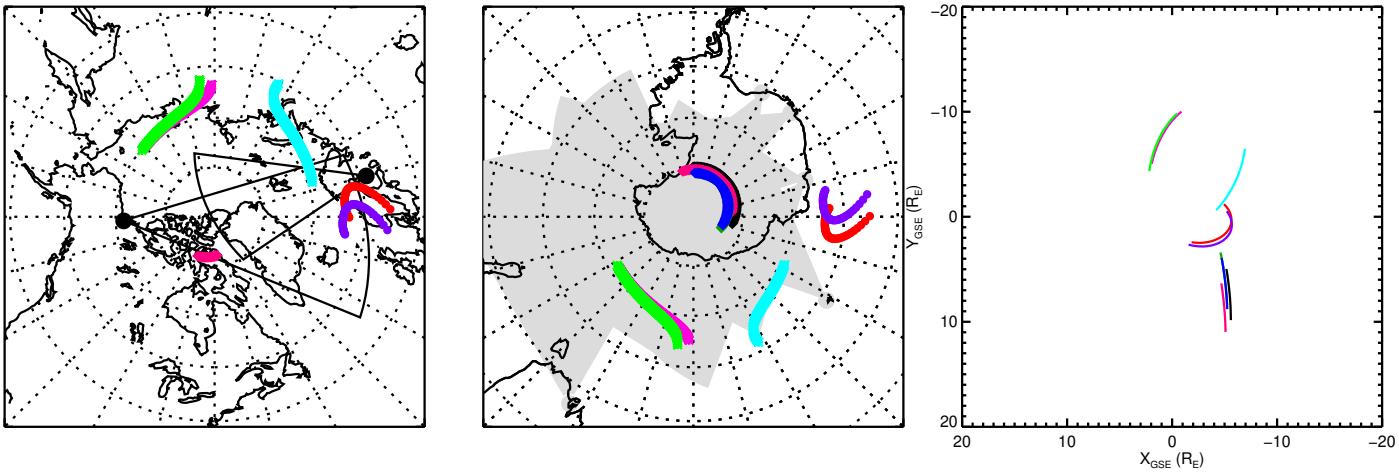


bpk tig unw





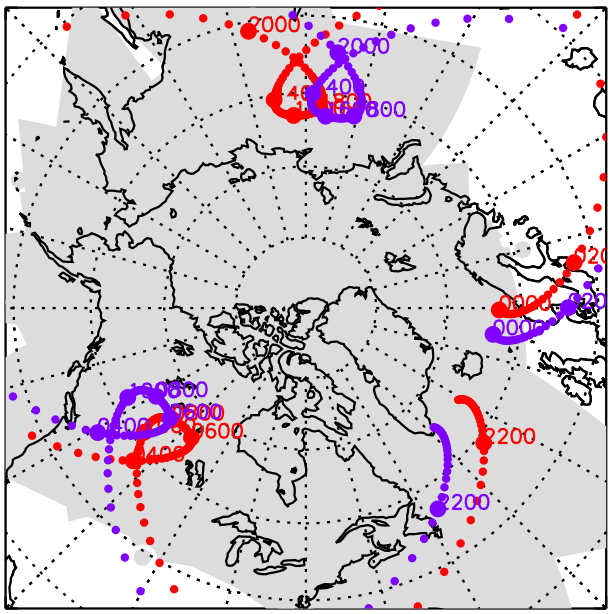
(c) 1900UT to 2355UT
han inv

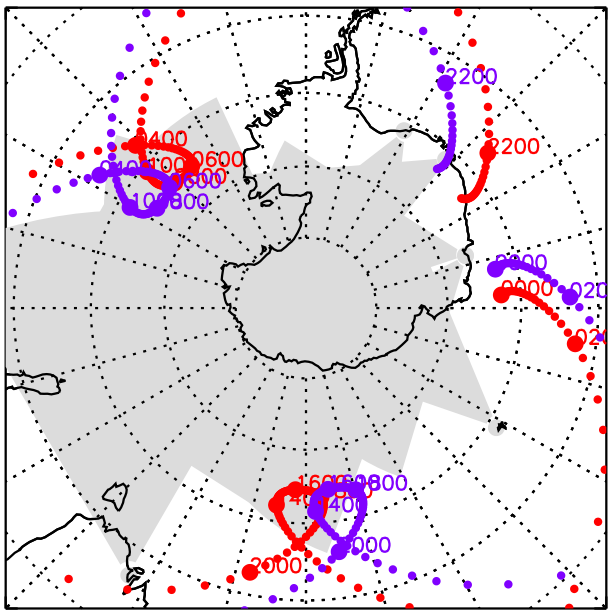


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

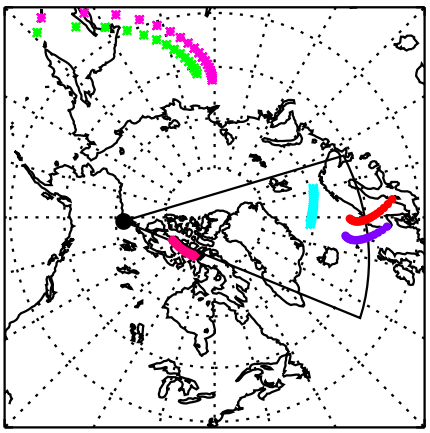
21−Nov−2016

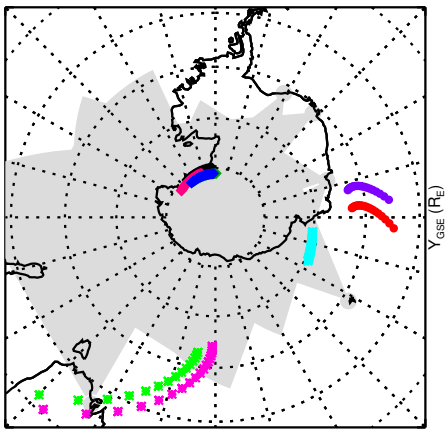
Top row: 24h footprints: RBSP−A RBSP−B
Bottom rows: Periods when both RBSP−A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

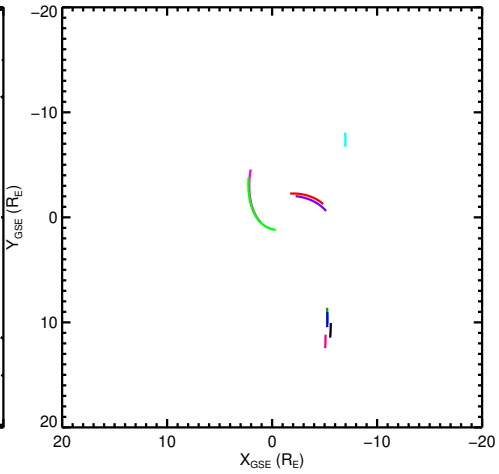




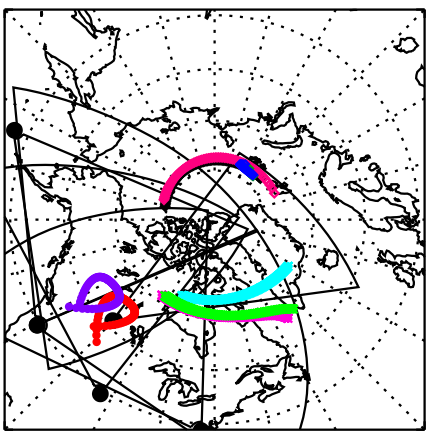
(a) 0000UT to 0150UT
inv



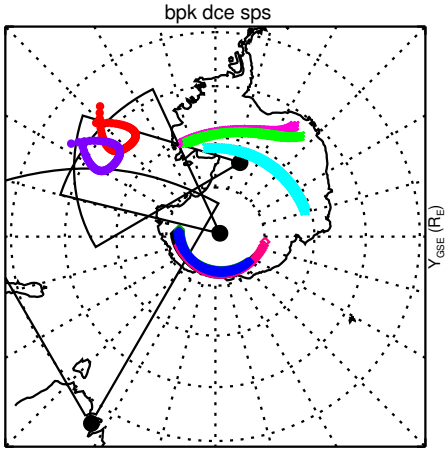


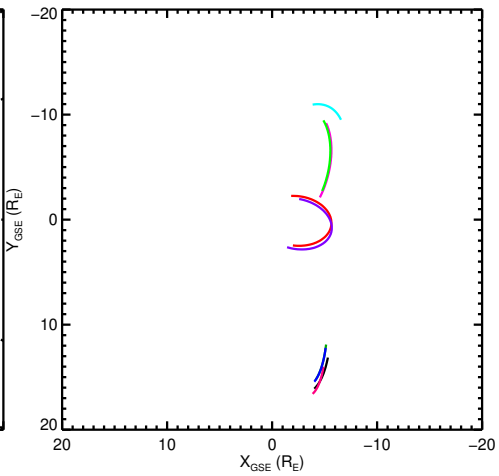


(b) 0400UT to 1045UT
ade bks cve cvw fhw sas

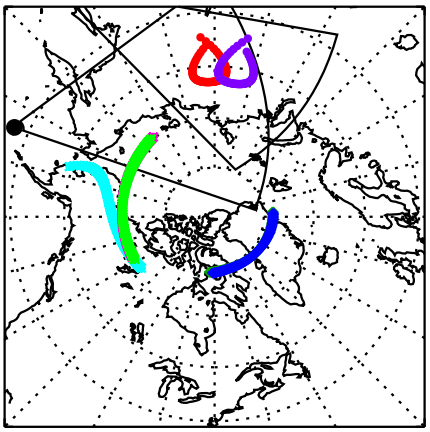


bpk dce sps

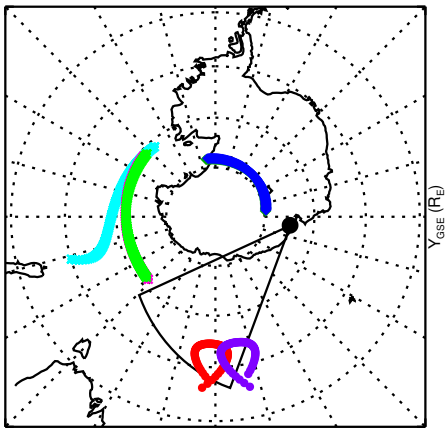


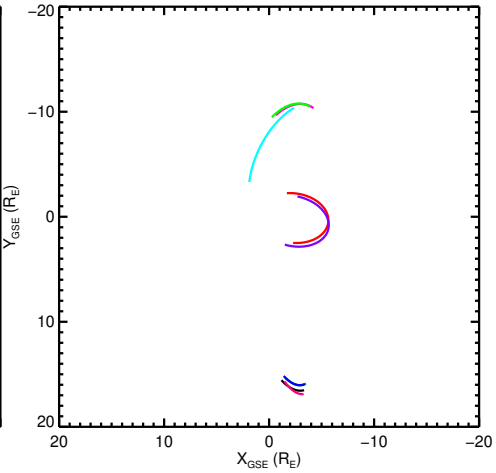


(c) 1305UT to 1945UT
adw hkw

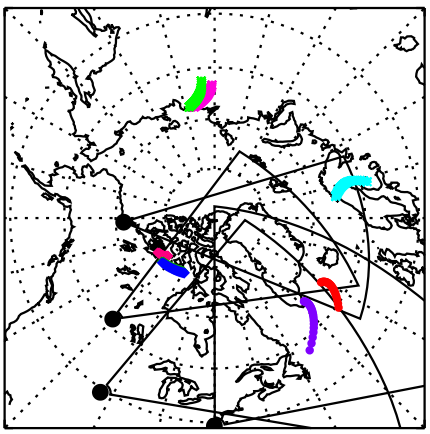


zho

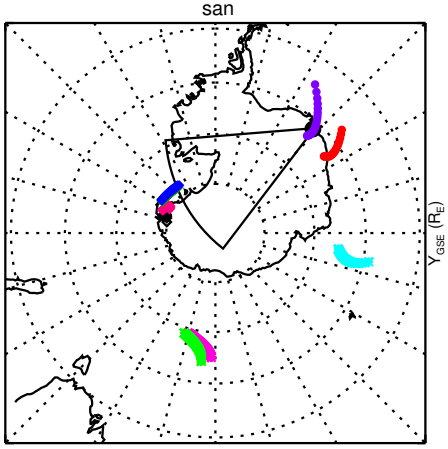


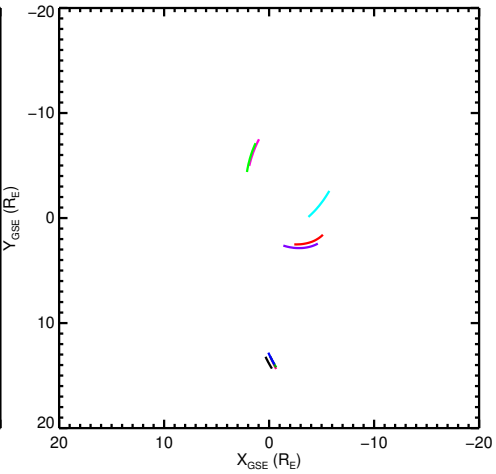


(d) 2205UT to 2355UT
fhe inv sas wal



san

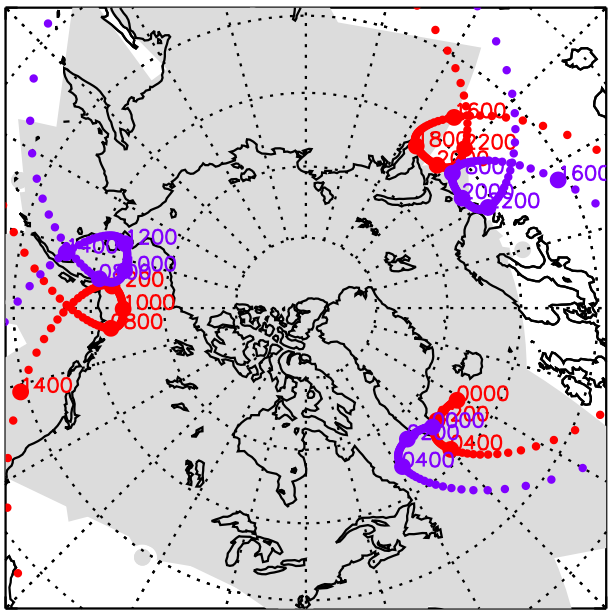


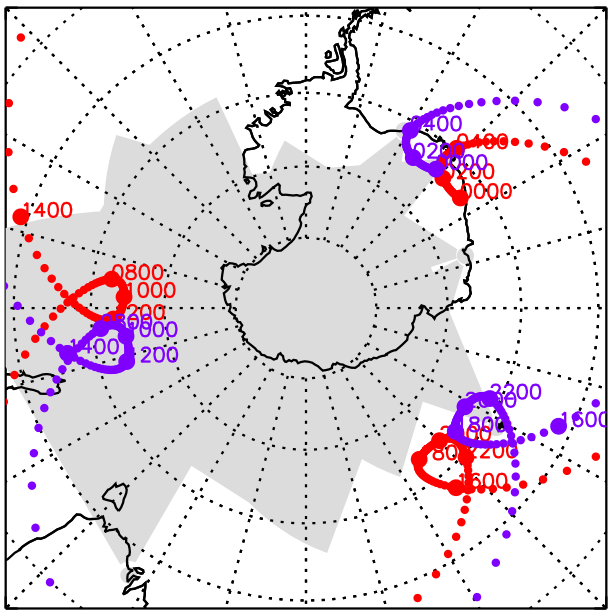


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

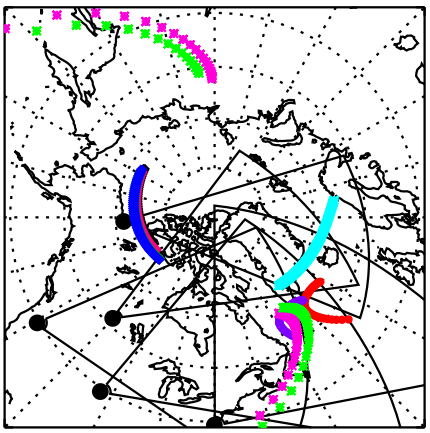
22–Nov–2016

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

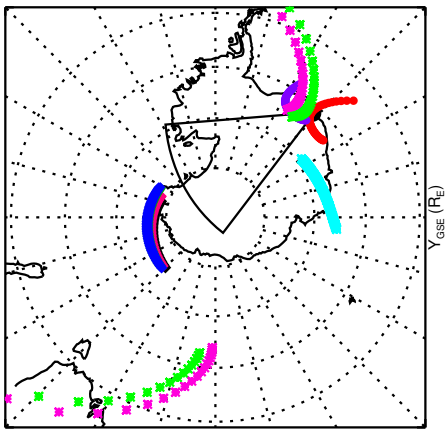


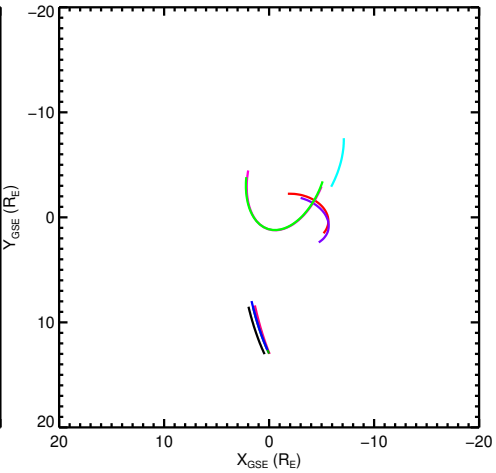


(a) 0000UT to 0440UT
cve fhe inv sas wal

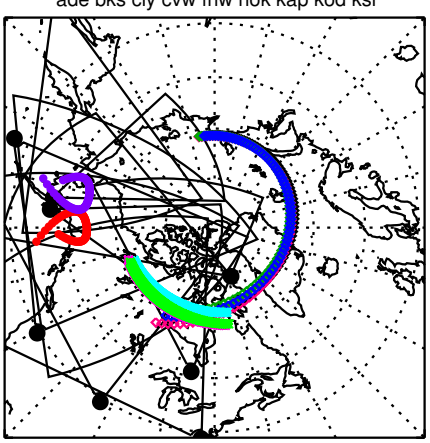


san

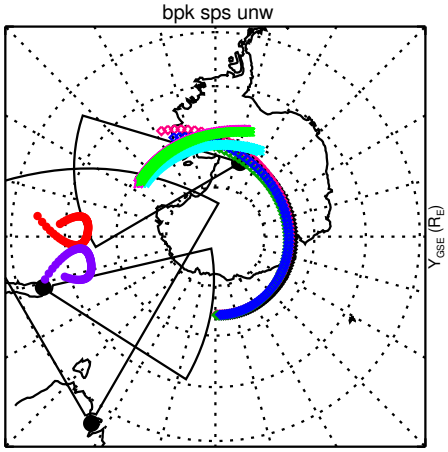


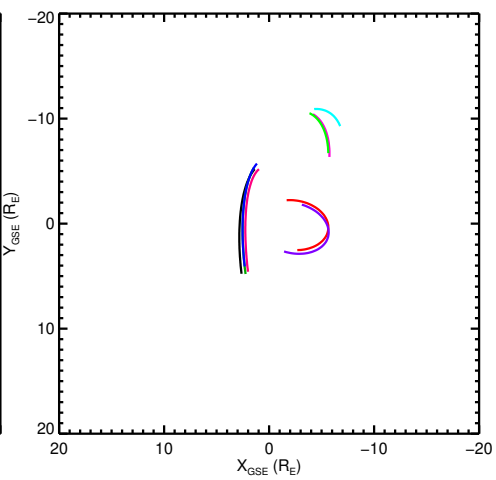


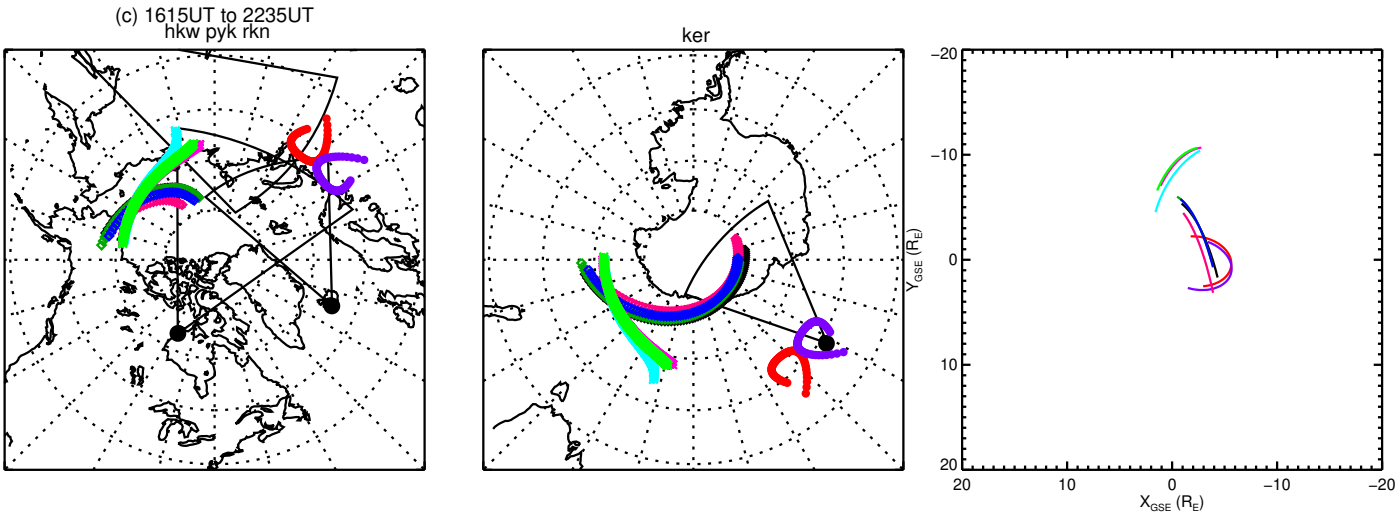
(b) 0710UT to 1340UT
ade bks cly cvw fhw hok kap kod ksr



bpk sps unw



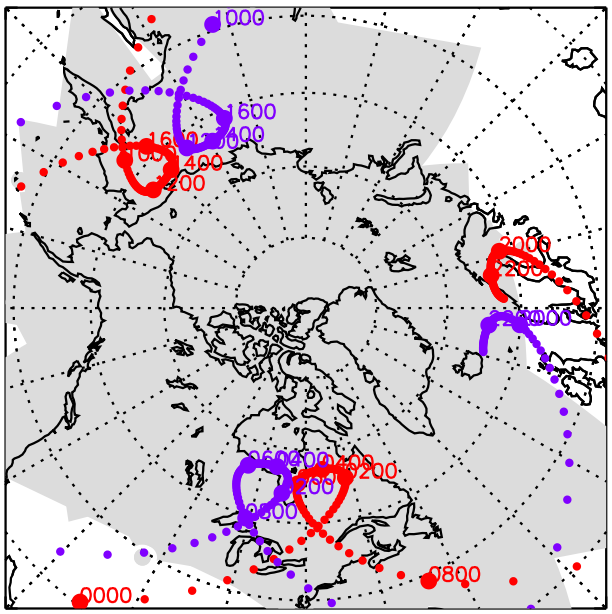


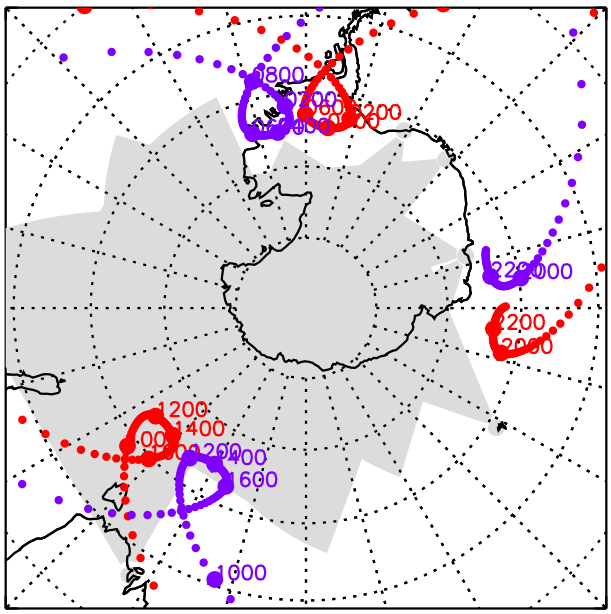

(c) 1615UT to 2235UT
hkw pyk rkn
ker
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

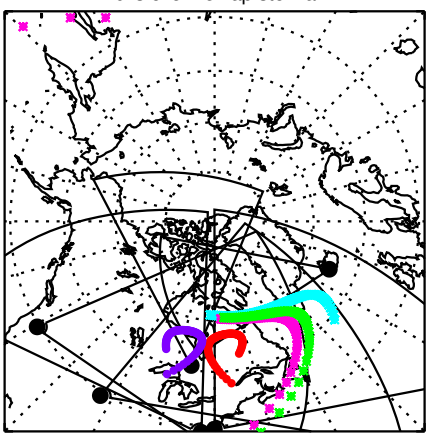
23–Nov–2016

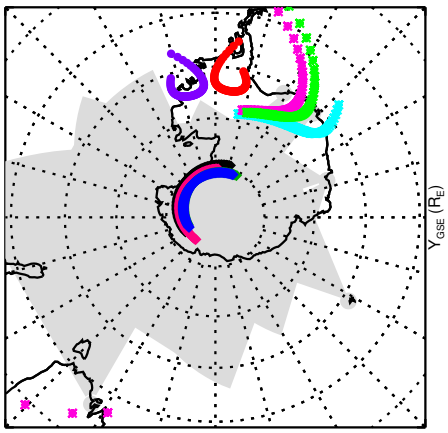
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

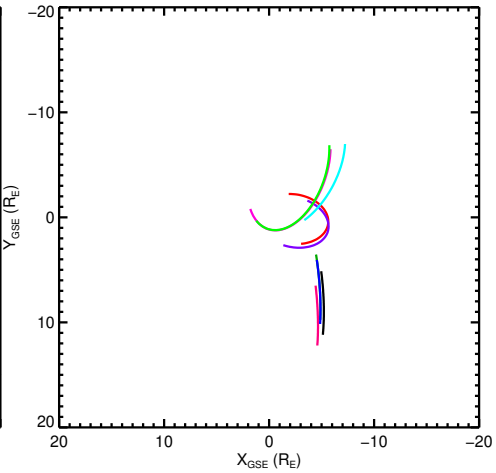




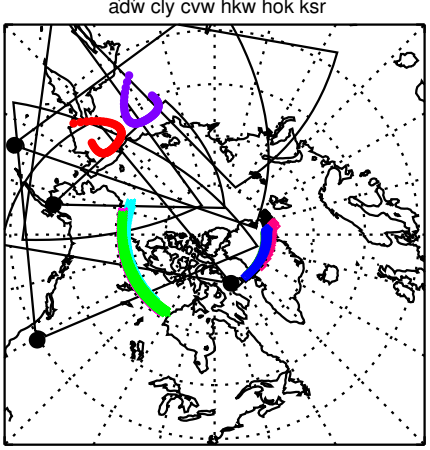
(a) 0115UT to 0730UT
bks cve fhe kap sto wal



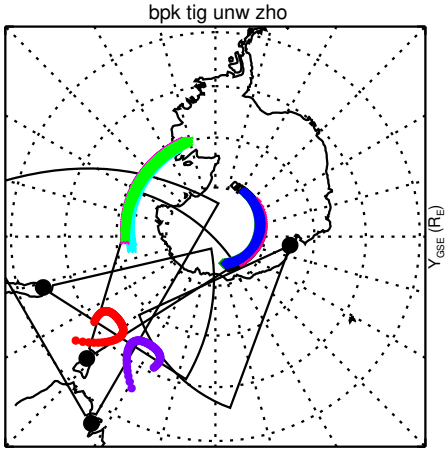


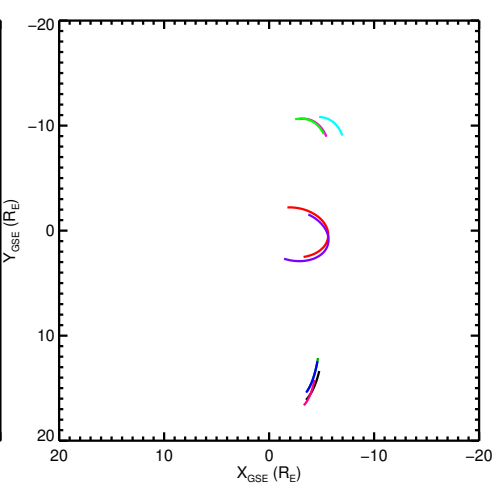


(b) 1020UT to 1630UT
adw cly cvw hkw hok ksr

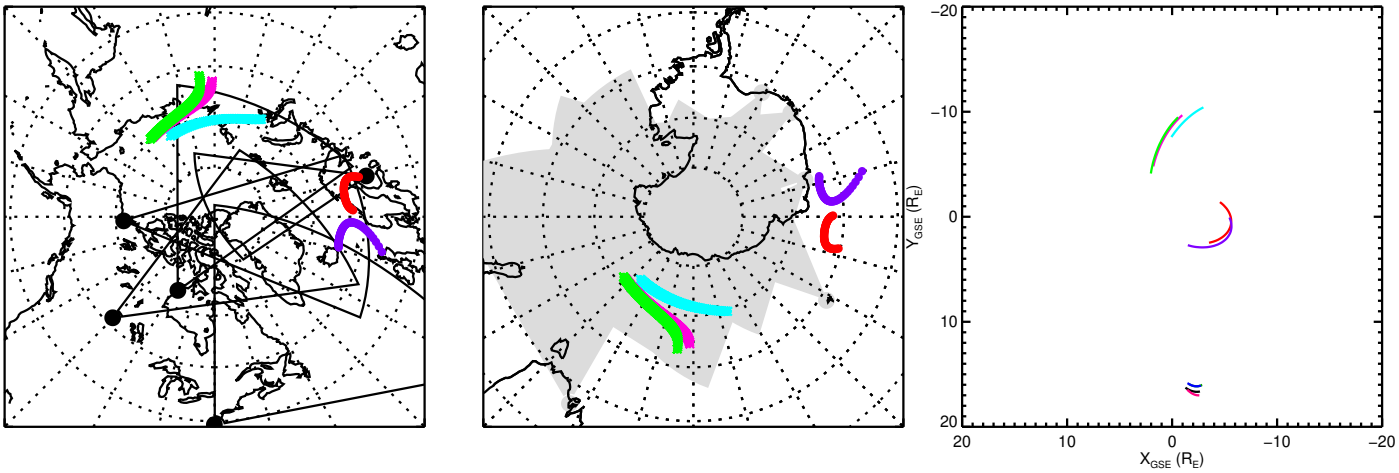


bpk tig unw zho





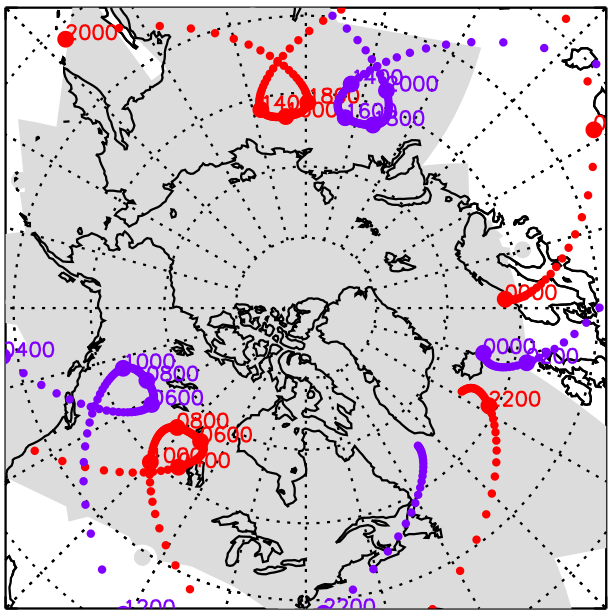
(c) 1925UT to 2355UT
han inv rkn sas wal

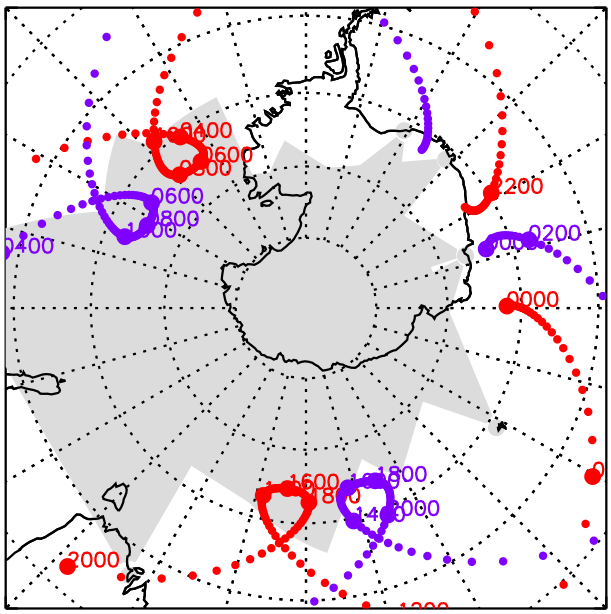


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

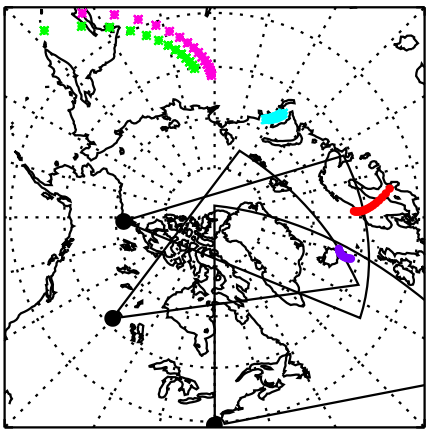
24–Nov–2016

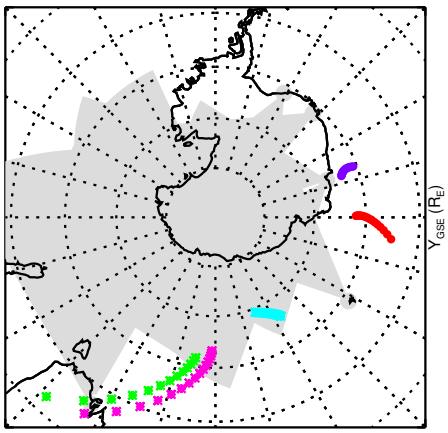
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

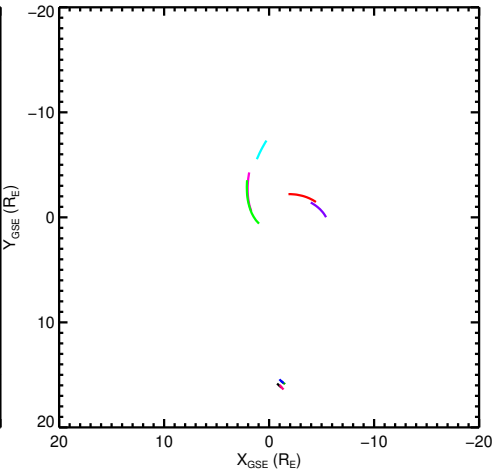




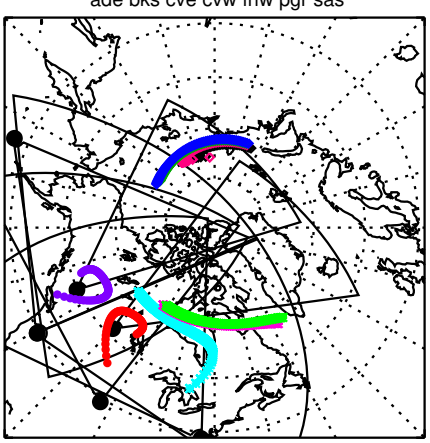
(a) 0000UT to 0125UT
inv sas wal



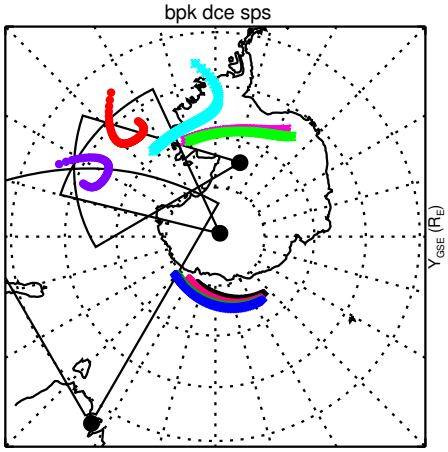


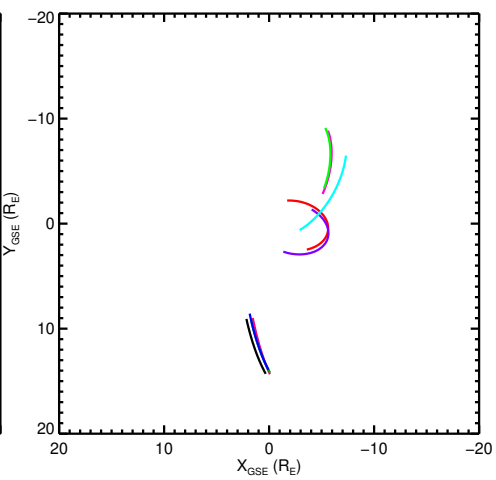


(b) 0425UT to 1025UT
ade bks cve cvw fhw pgr sas

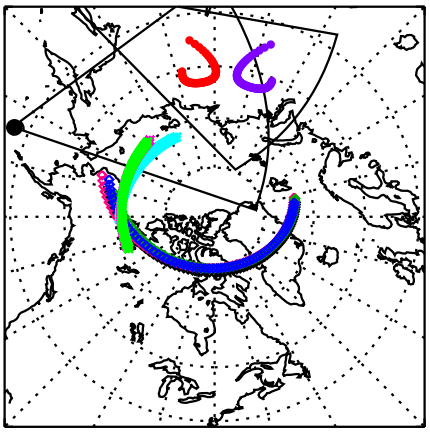


bpk dce sps

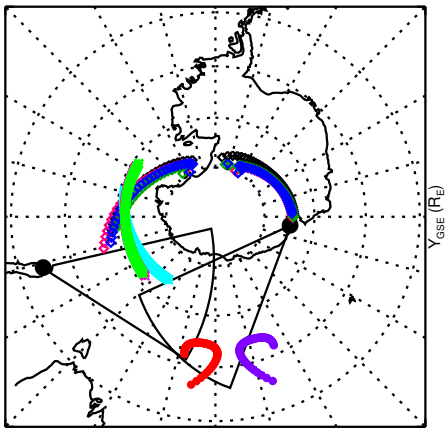


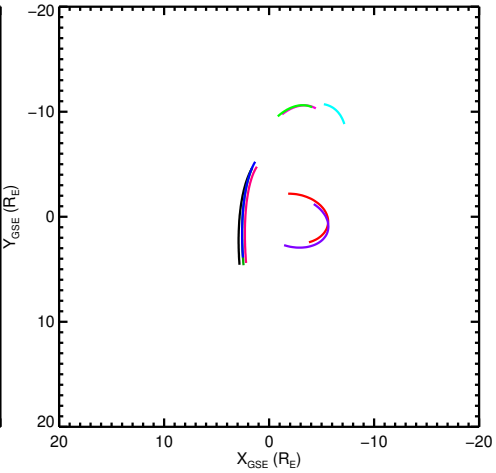


(c) 1330UT to 1920UT
adw hkw

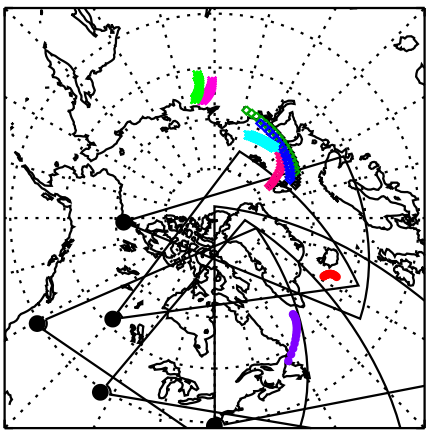


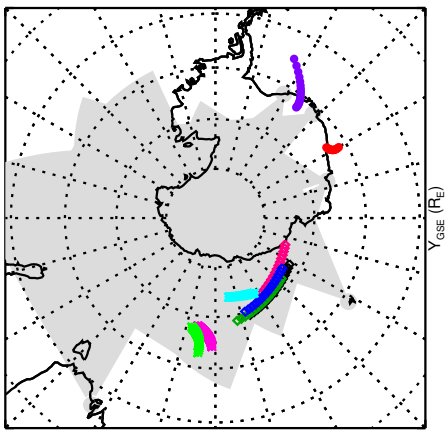
unw zho

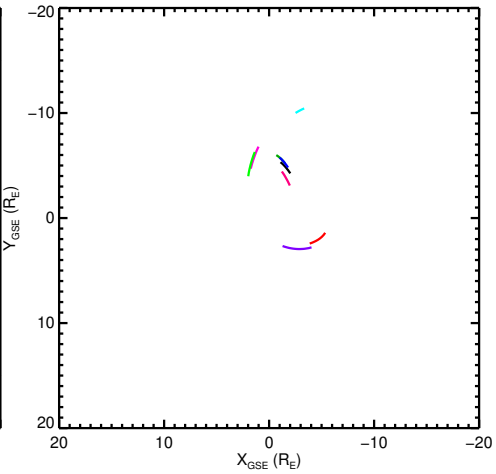




(d) 2230UT to 2355UT
cve fhe inv sas wal



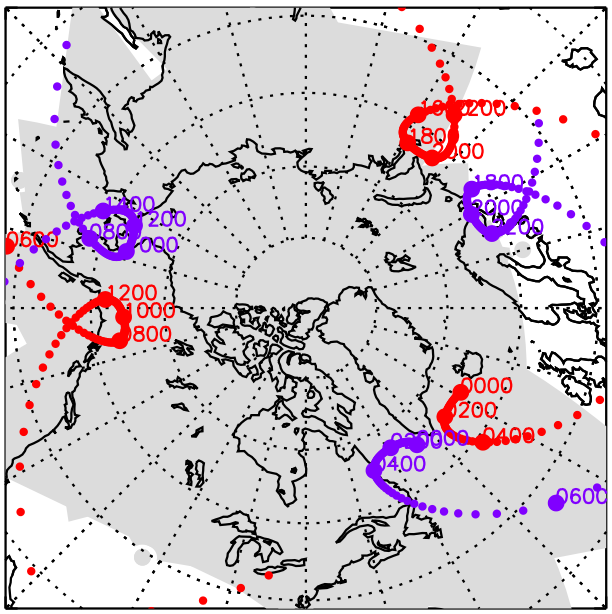


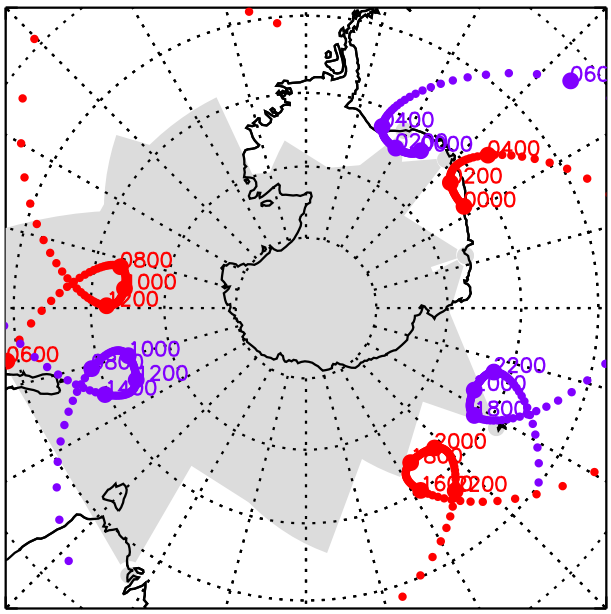


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

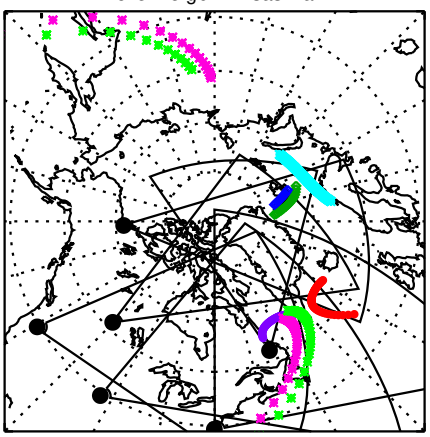
25–Nov–2016

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

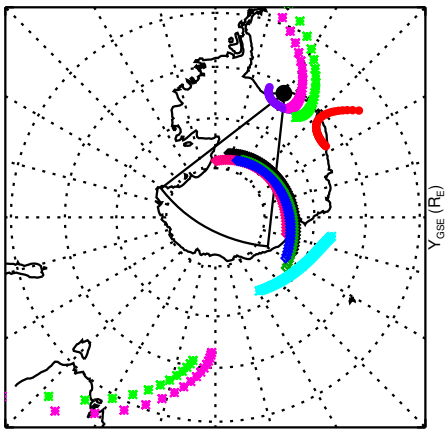


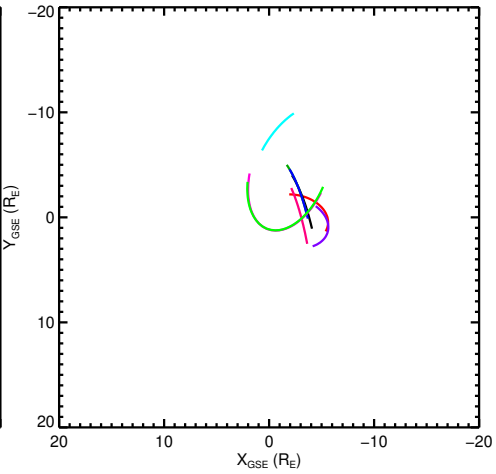


(a) 0000UT to 0415UT
cve fhe gbr inv sas wal

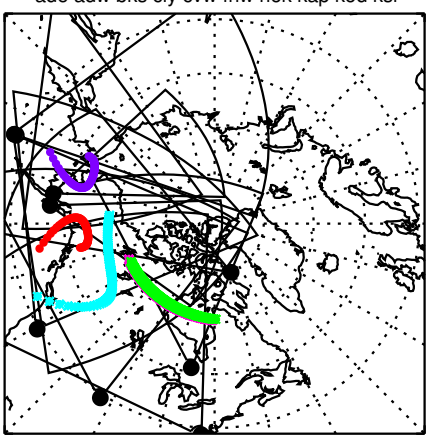


hal

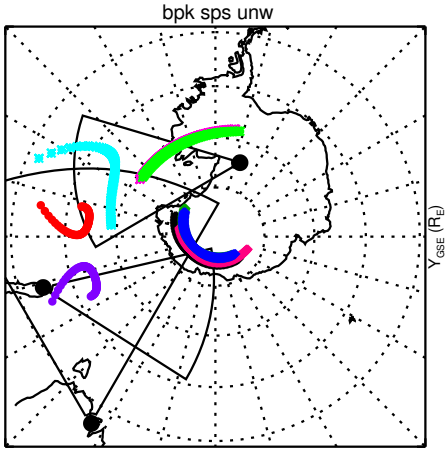


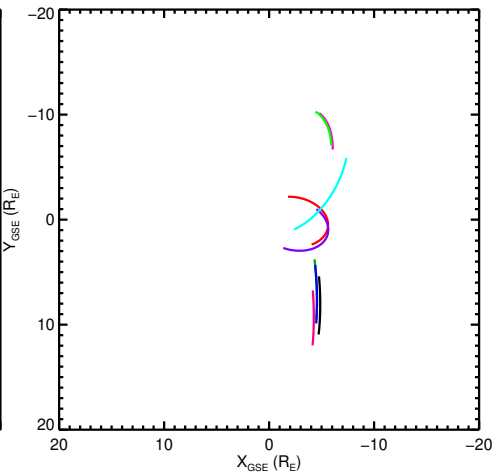


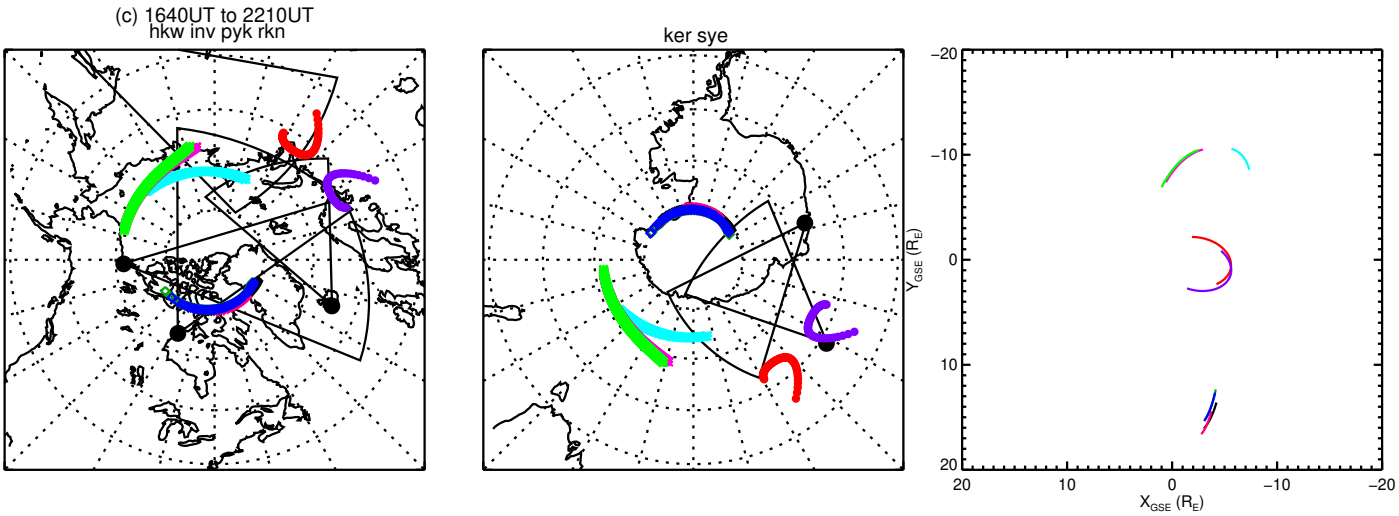
(b) 0735UT to 1315UT
ade adw bks cly cvw fhw hok kap kod ksr



bpk sps unw



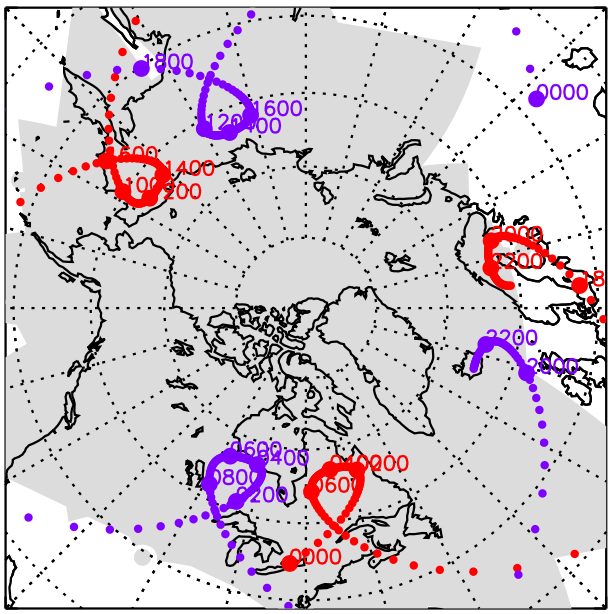


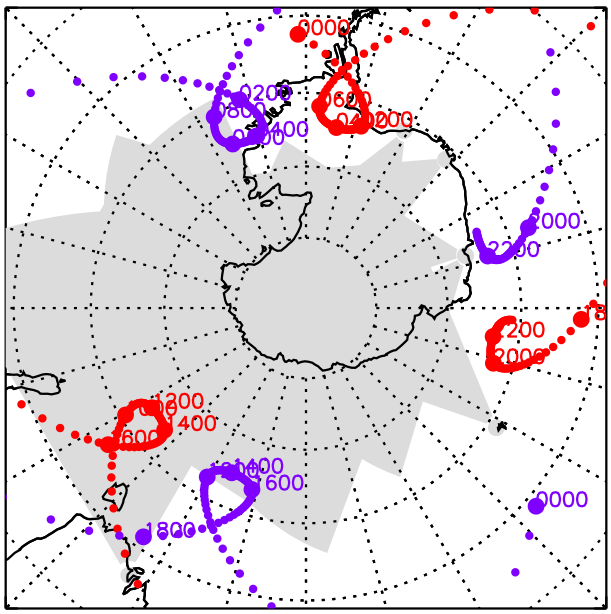

(c) 1640UT to 2210UT
hkw inv pyk rkn
ker sye
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

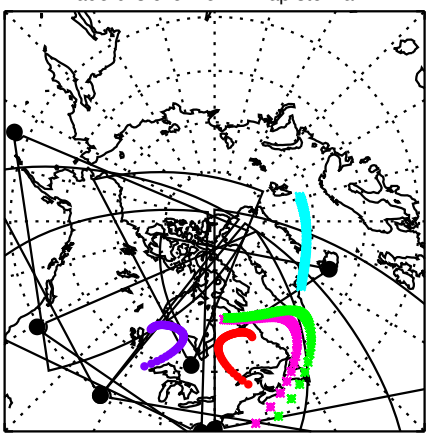
26–Nov–2016

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

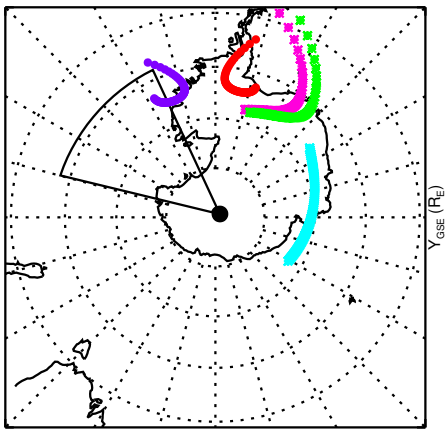


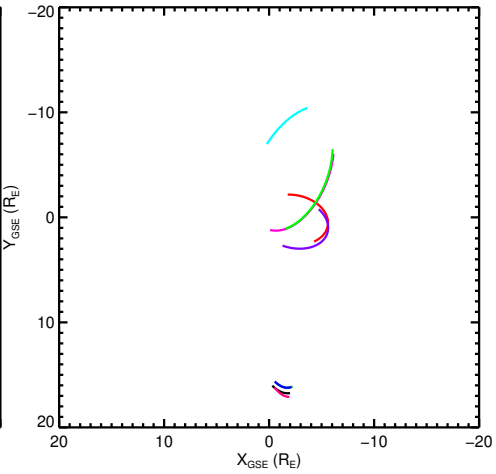


(a) 0140UT to 0710UT
ade bks cve fhe fhw kap sto wal

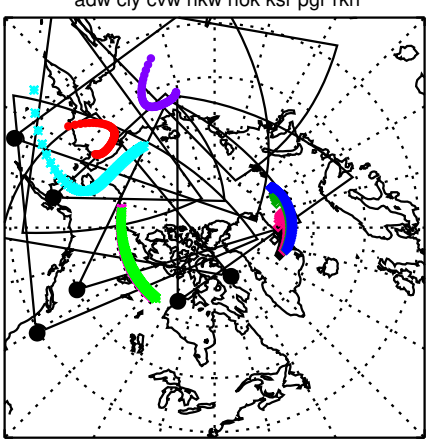


dce

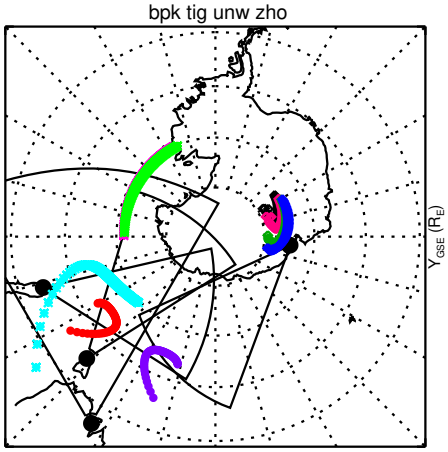


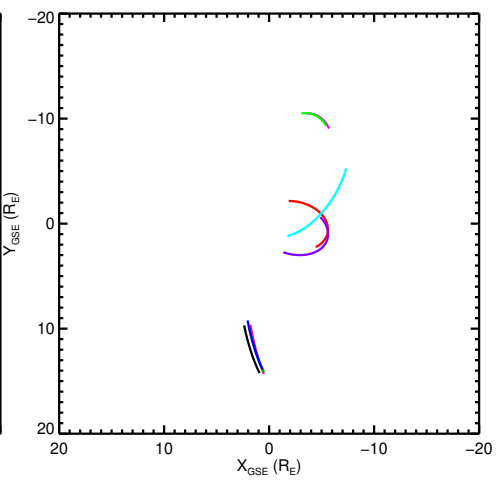


(b) 1045UT to 1605UT
adw cly cvw hkw hok ksr pgr rkn

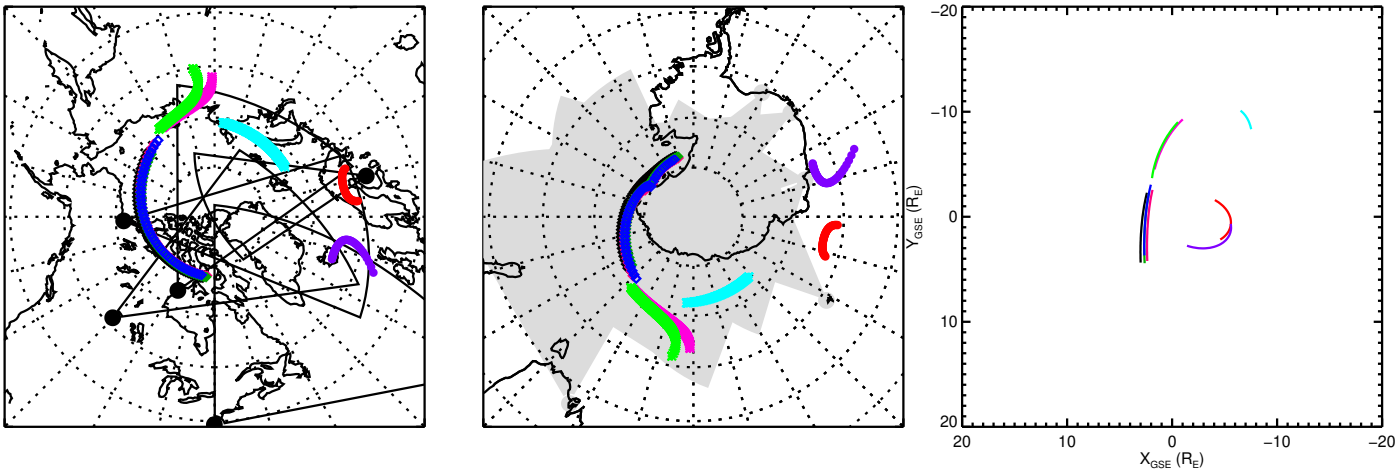


bpk tig unw zho





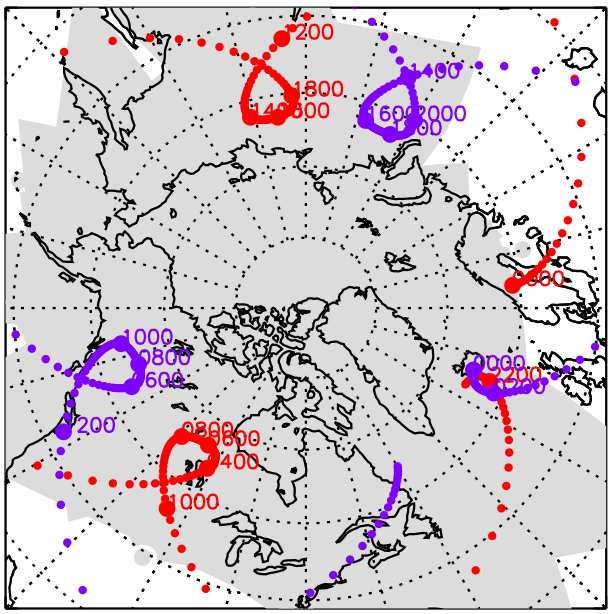
(c) 1950UT to 2355UT
han inv rkn sas wal

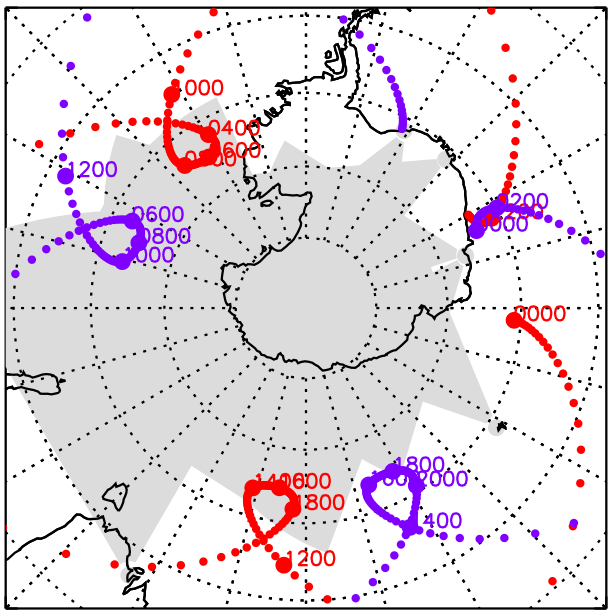


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

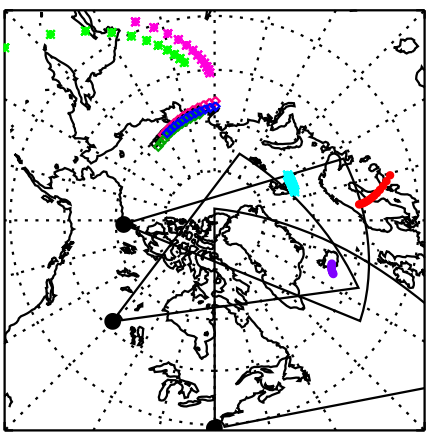
27–Nov–2016

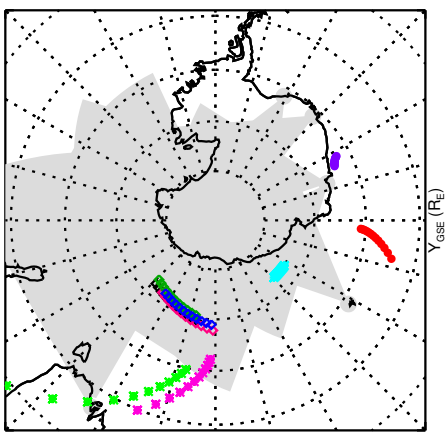
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

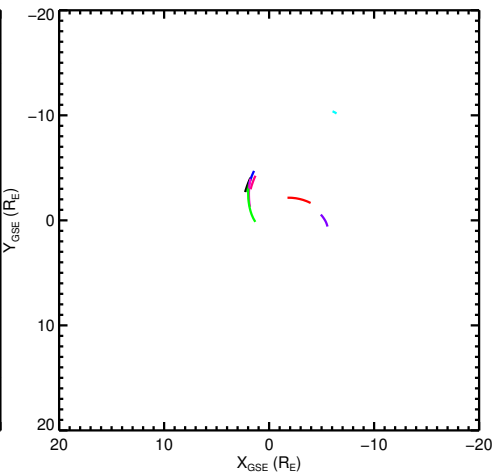




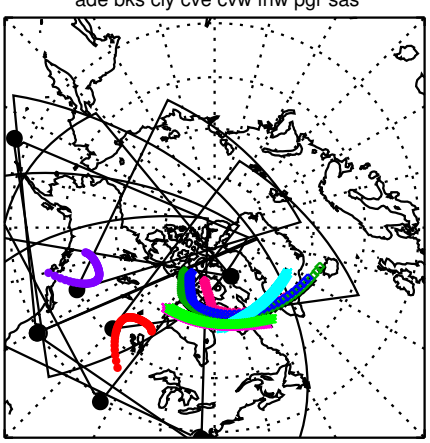
(a) 0000UT to 0105UT
inv sas wal



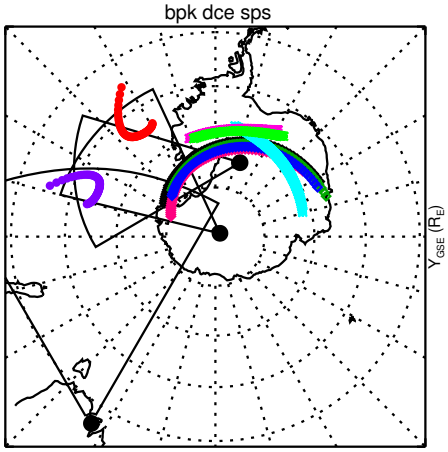


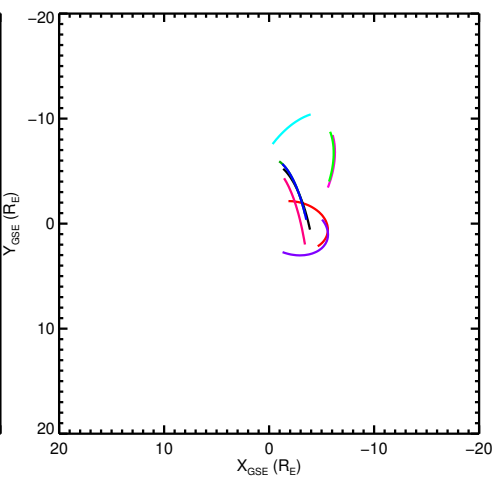


(b) 0450UT to 1000UT
ade bks cly cve cvw fhw pgr sas

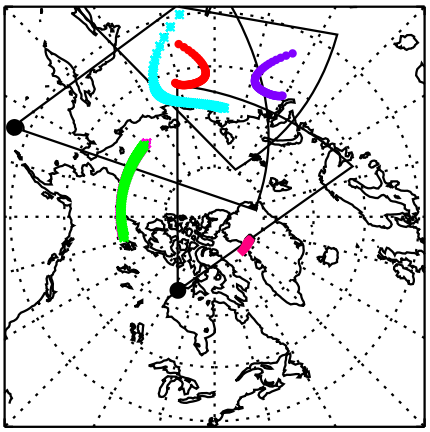


bpk dce sps

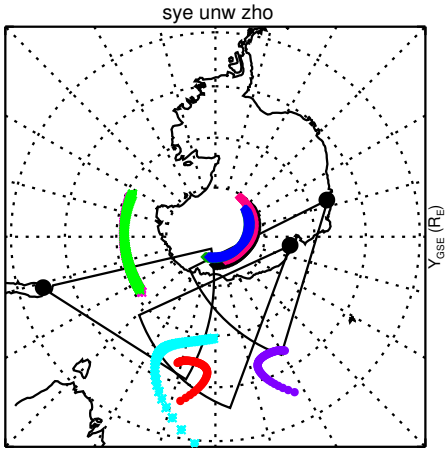


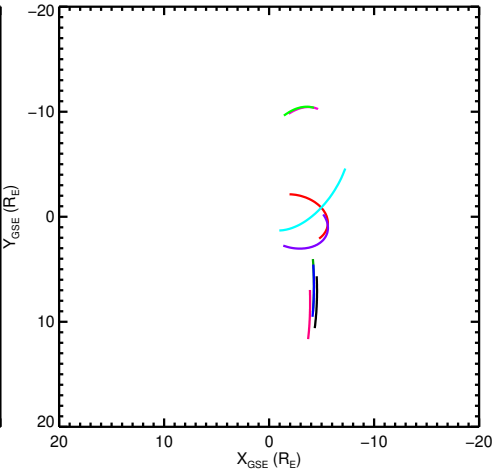


(c) 1355UT to 1855UT
adw hkw rkn

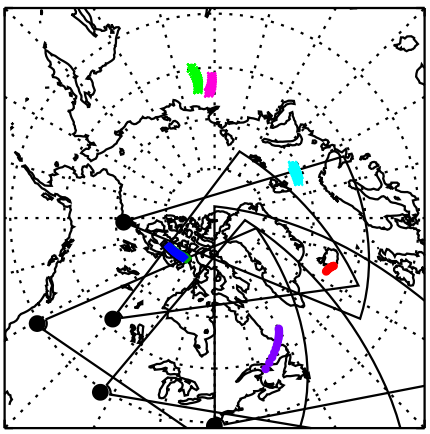


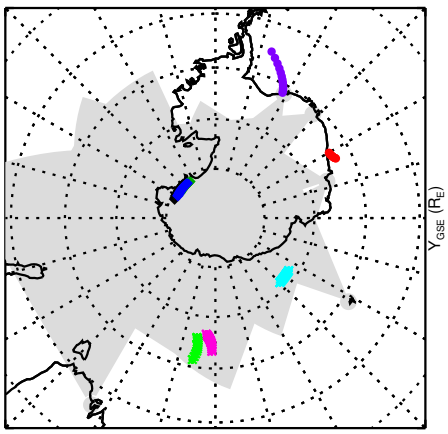
sye unw zho

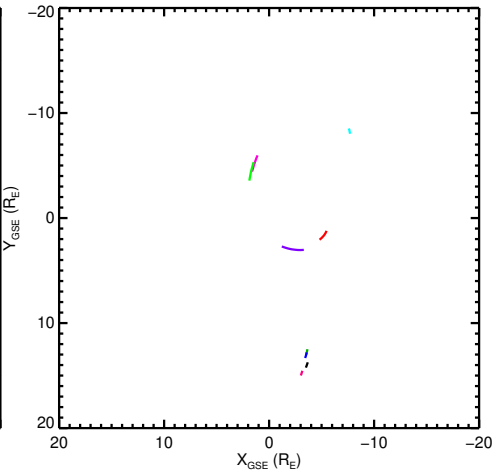




(d) 2255UT to 2355UT
cve fhe inv sas wal



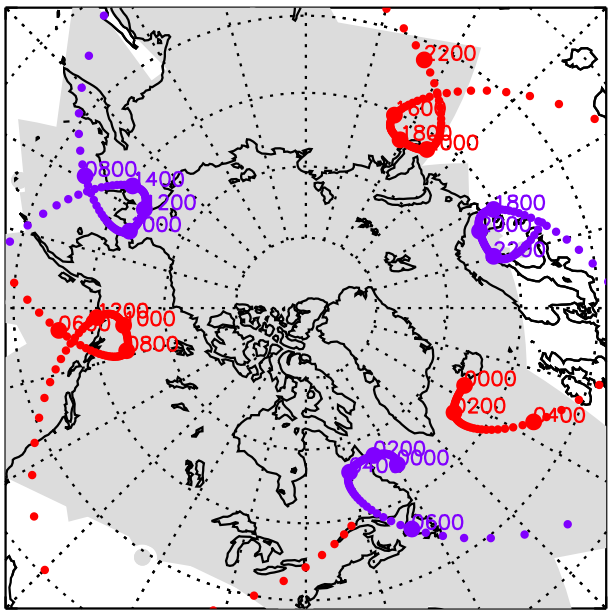


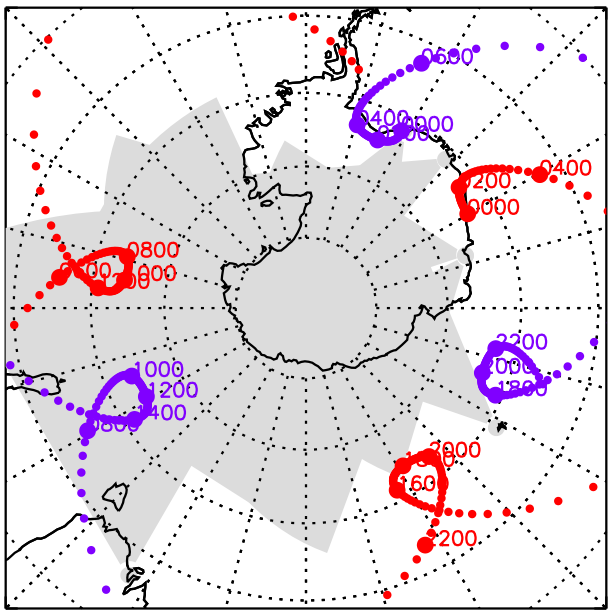


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

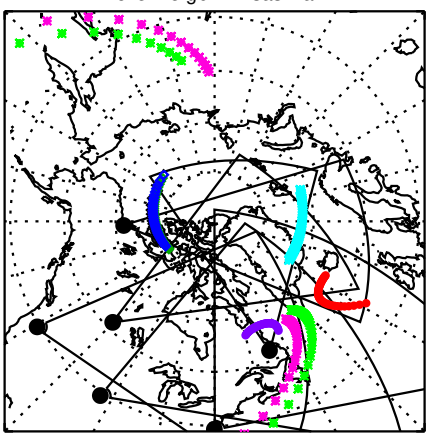
28–Nov–2016

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

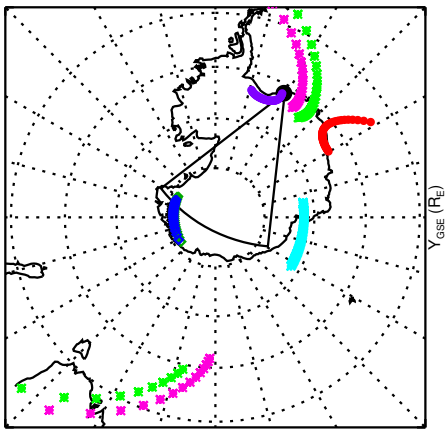


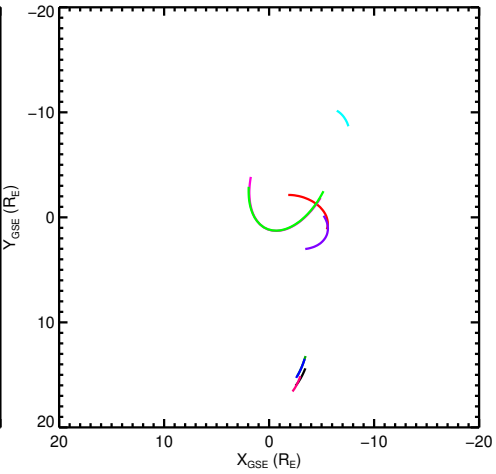


(a) 0000UT to 0355UT
cve fhe gbr inv sas wal

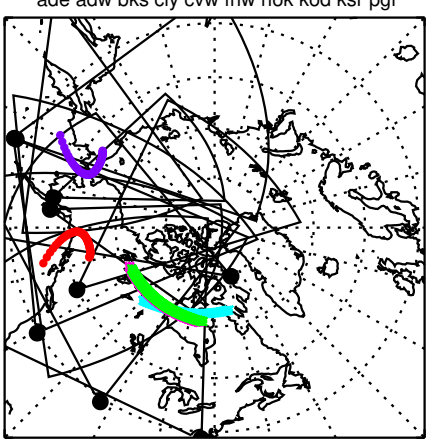


hal

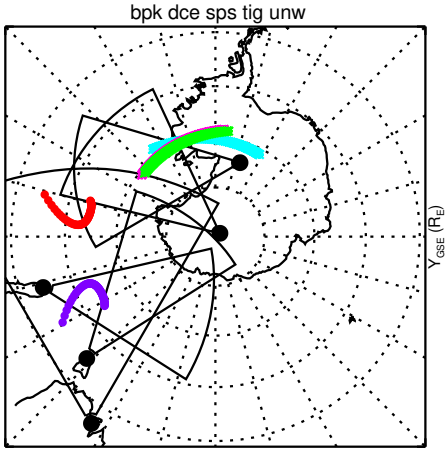


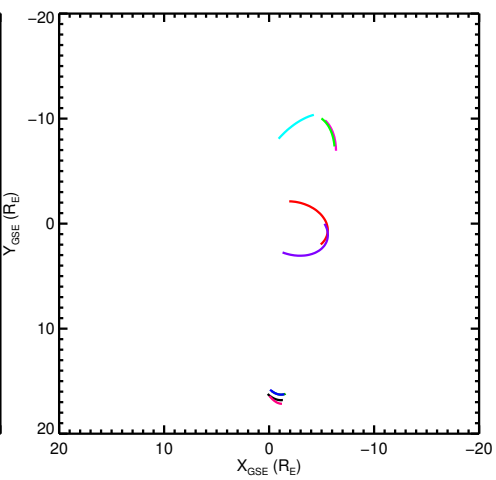


(b) 0800UT to 1250UT
ade adw bks cly cvw fhw hok kod ksr pgr



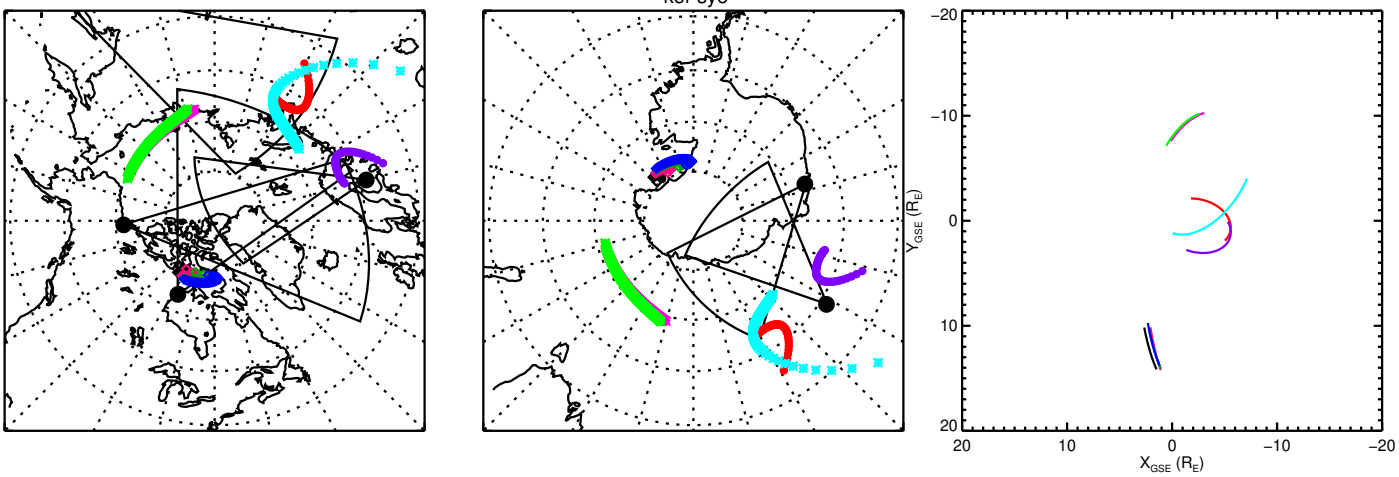
bpk dce sps tig unw



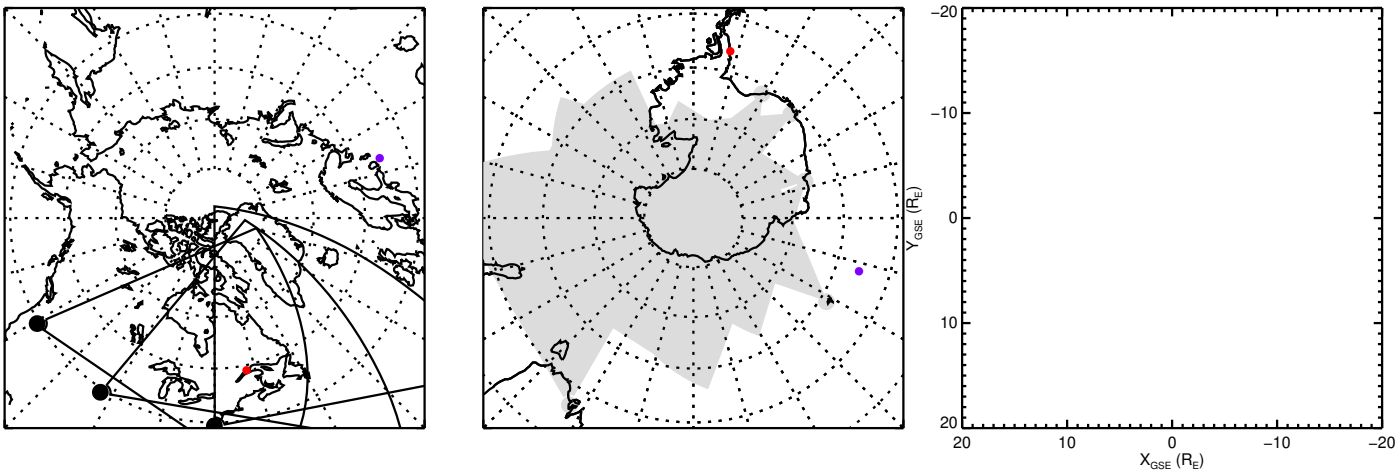


(c) 1705UT to 2150UT
han hkw inv rkn

ker sye



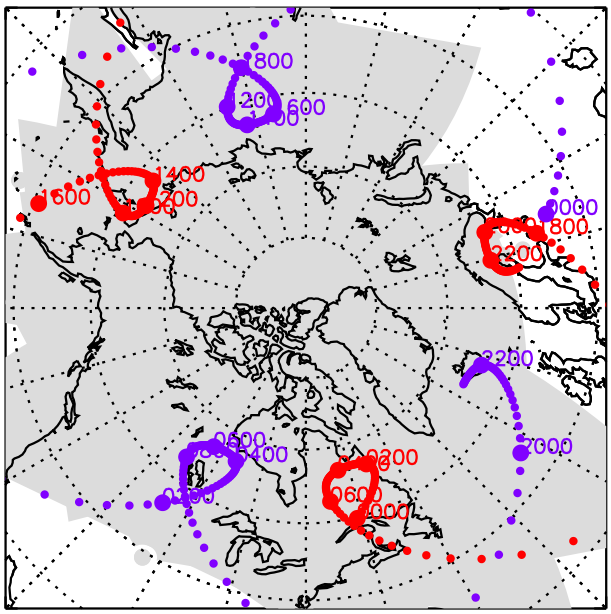
(d) 2355UT to 2355UT
cve fhe wal

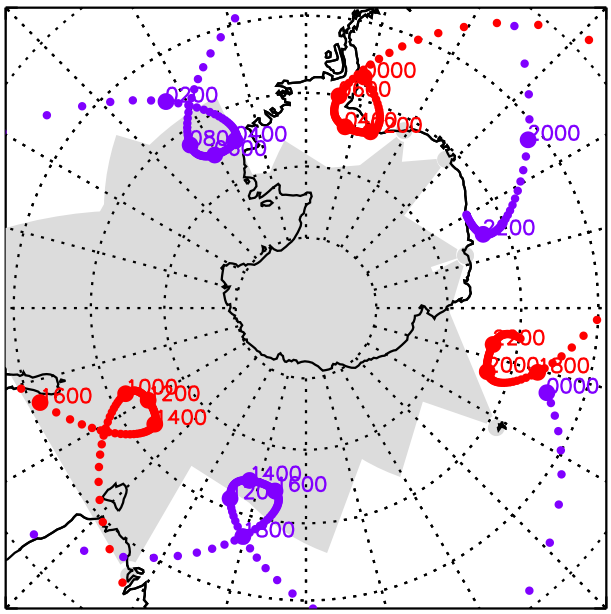


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

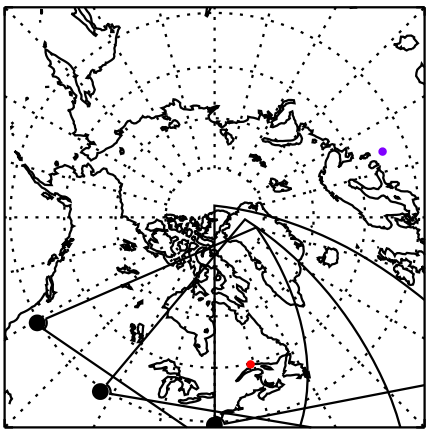
29–Nov–2016

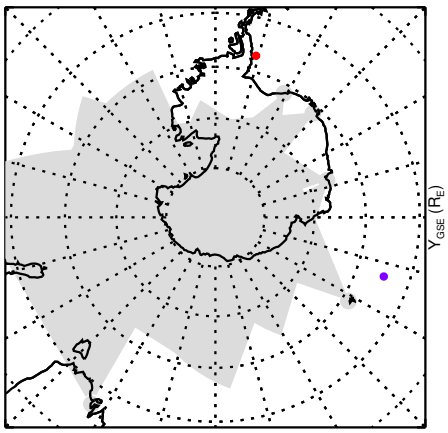
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

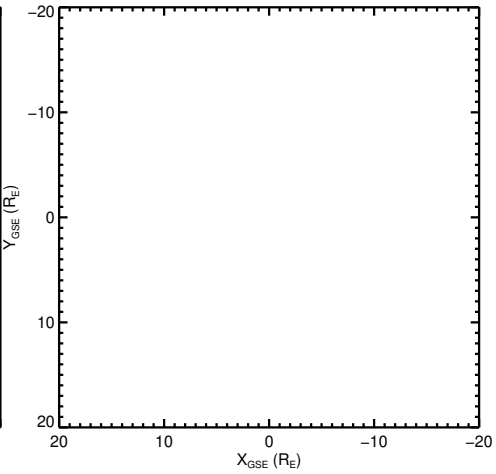




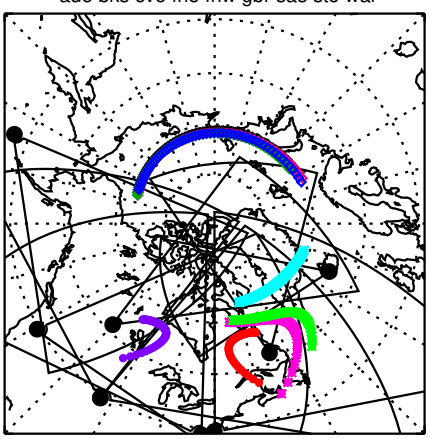
(a) 0000UT to 0000UT
cve fhe wal



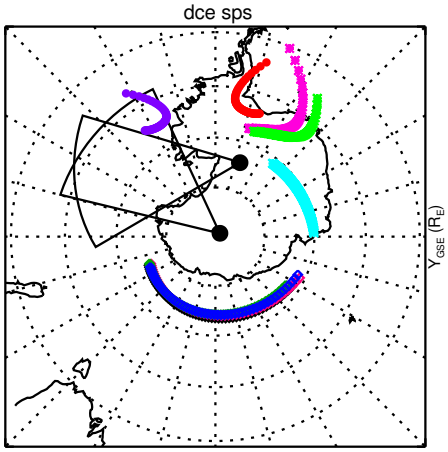


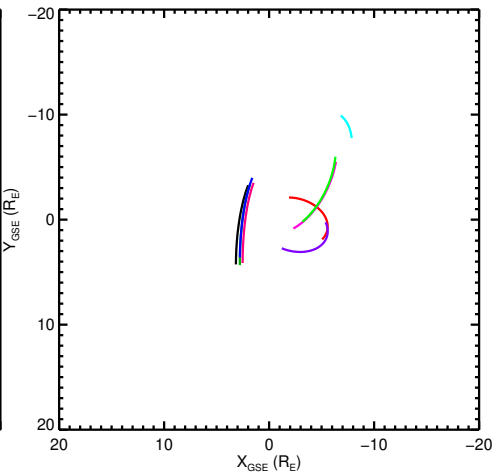


(b) 0205UT to 0645UT
ade bks cve fhe fhw gbr sas sto wal



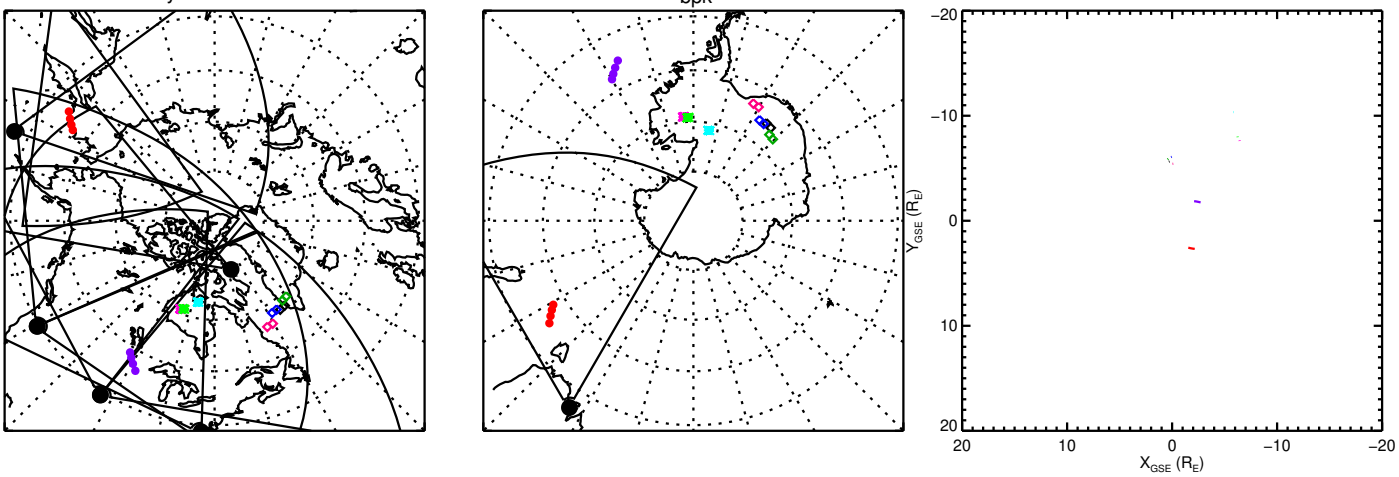
dce sps





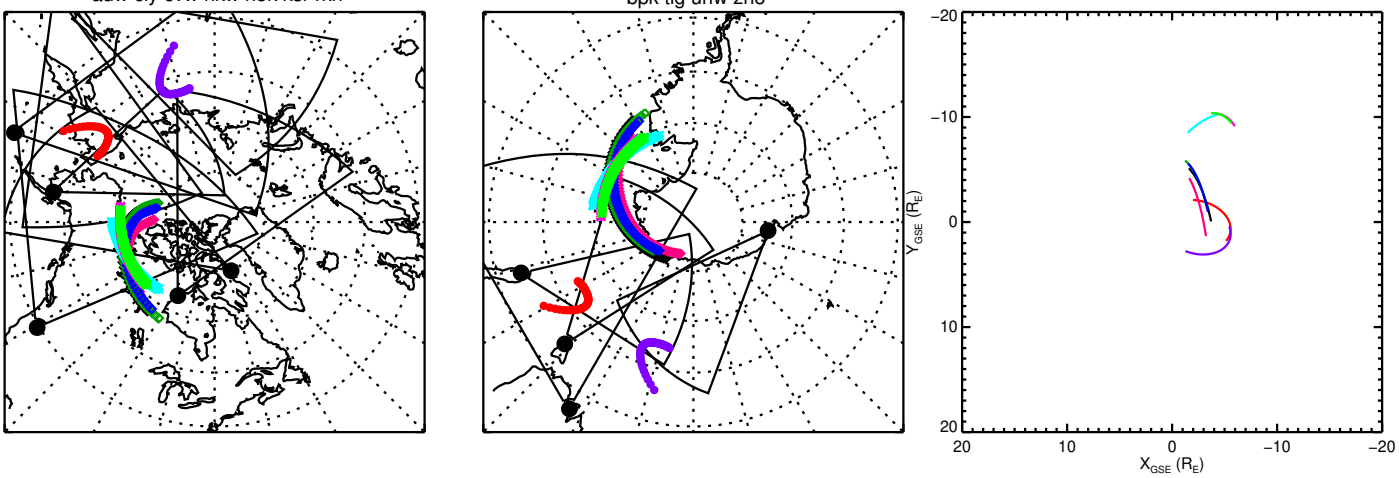
(c) 0850UT to 0905UT
adw bks cly cve cvw fhe fhw hok

bpk

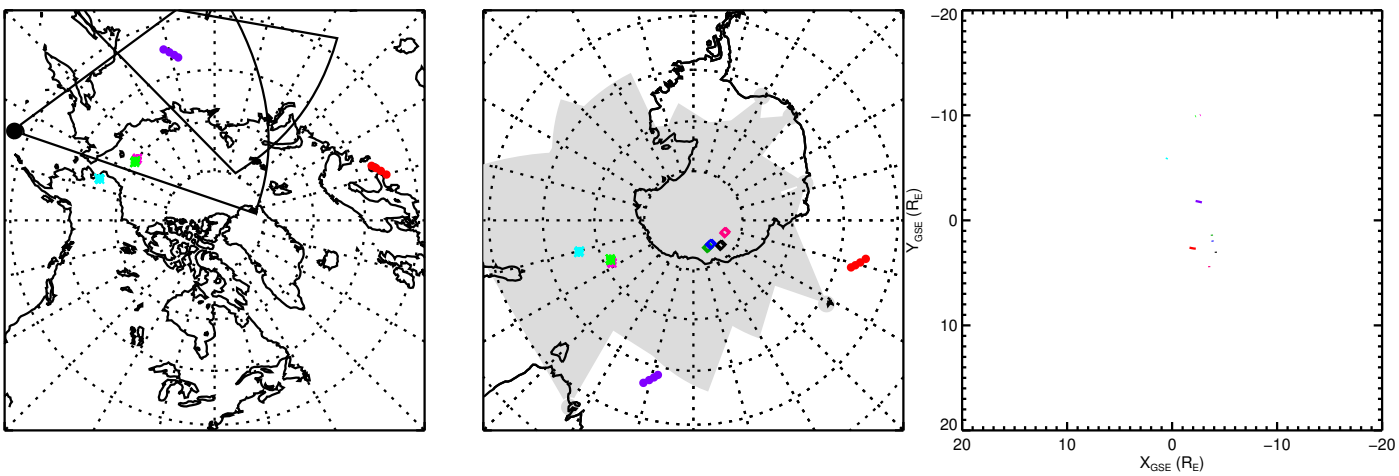


(d) 1110UT to 1540UT
adw cly cvw hkw hok ksr rkn

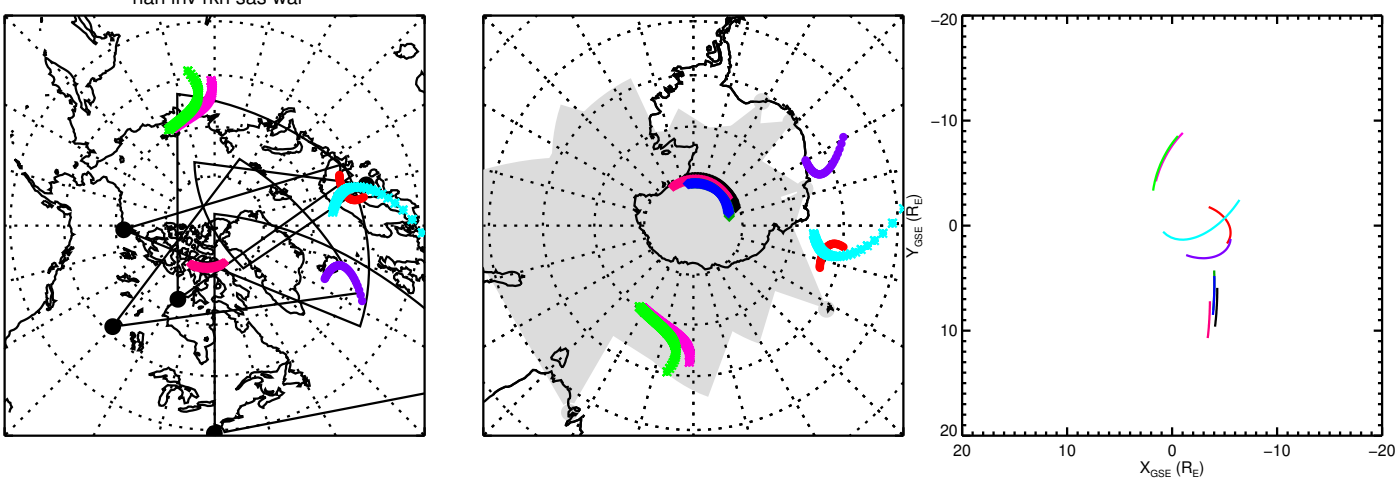
bpk tig unw zho



(e) 1750UT to 1805UT
adw hkw



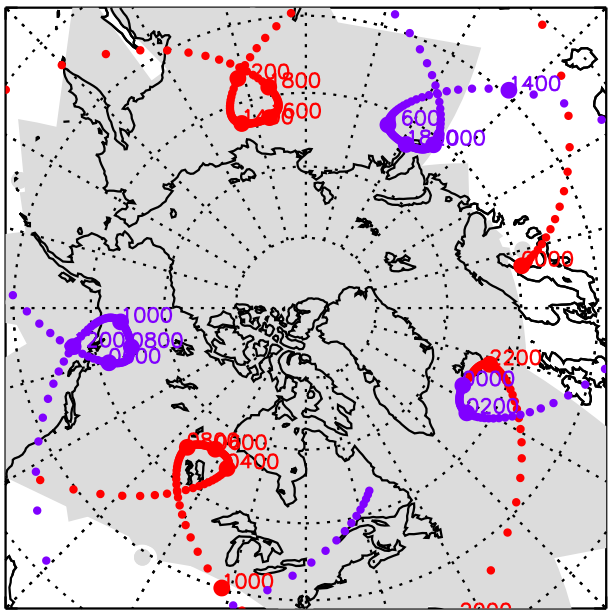
(f) 2015UT to 2355UT
han inv rkn sas wal

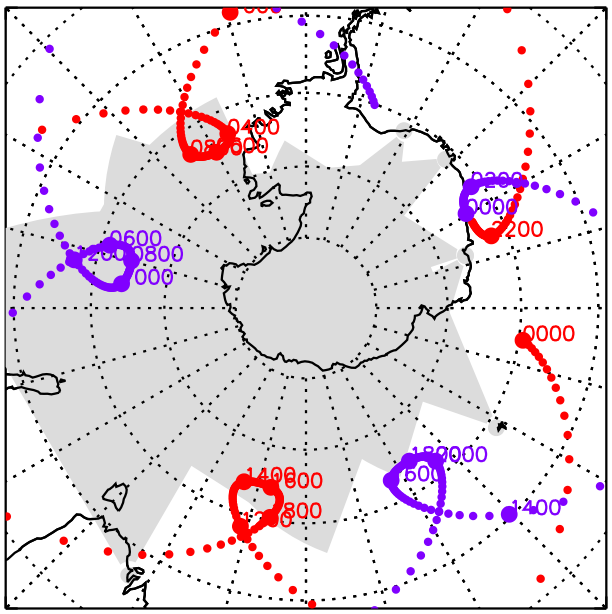


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

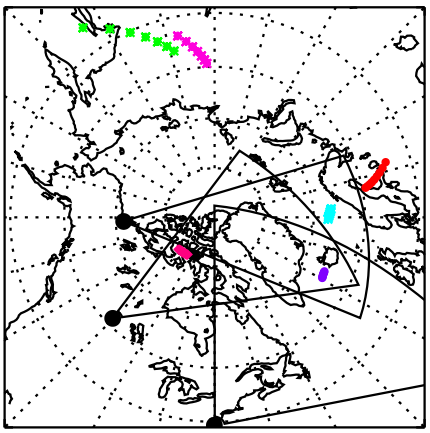
30–Nov–2016

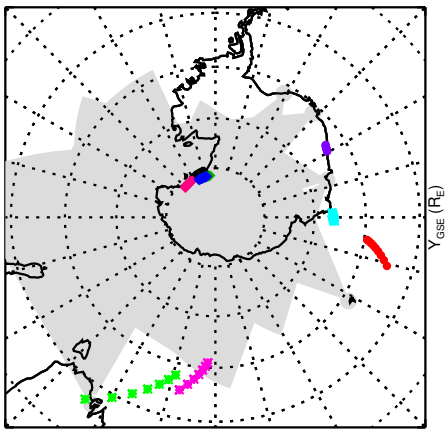
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

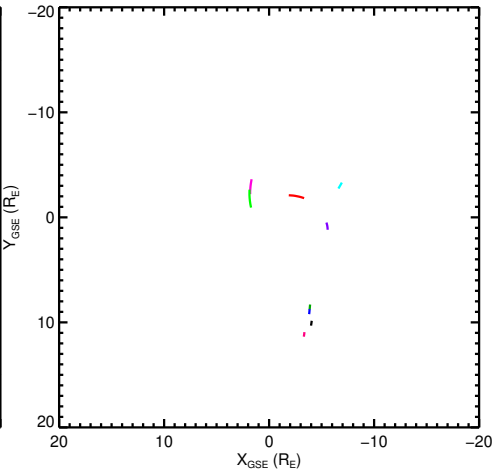




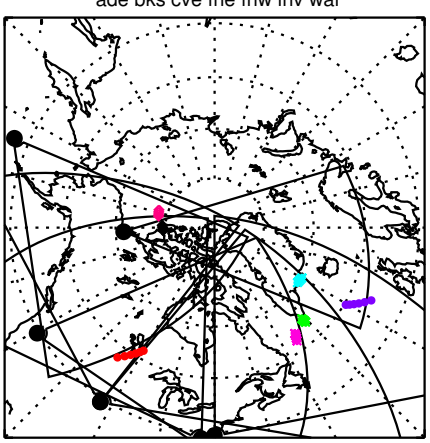
(a) 0000UT to 0040UT
inv sas wal



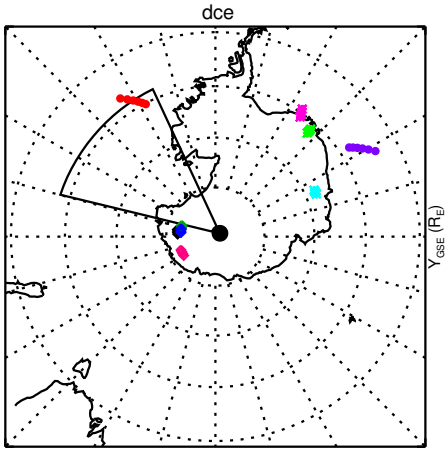


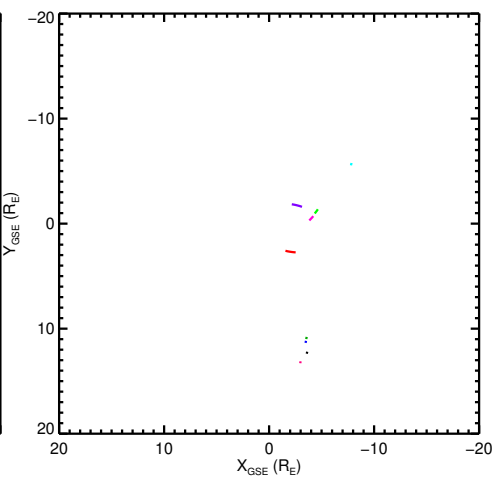


(b) 0245UT to 0310UT
ade bks cve fhe fhw inv wal

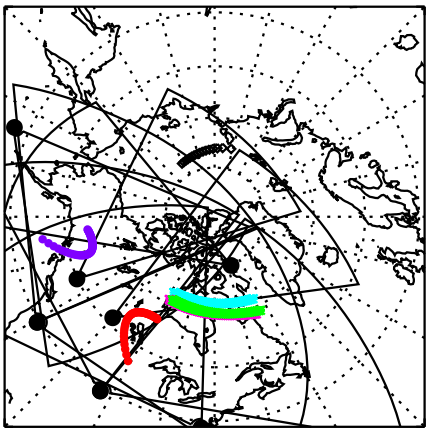


dce

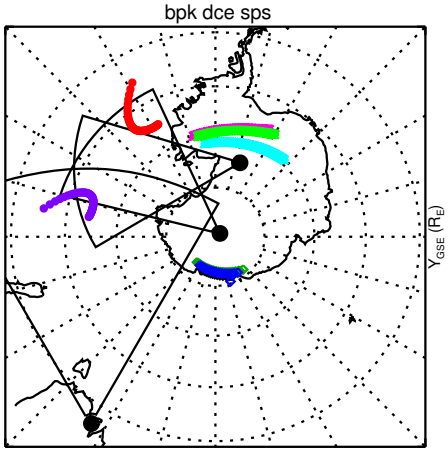


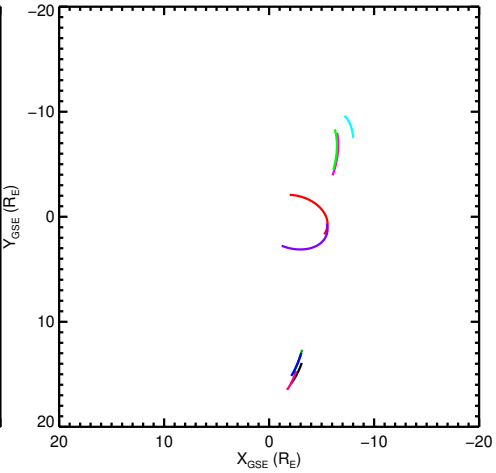


(c) 0515UT to 0935UT
ade bks cly cve cvw fhe fhw pgr sas

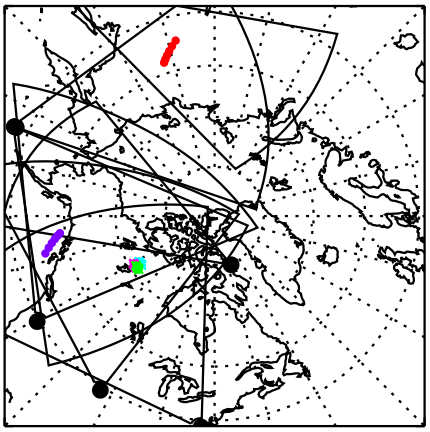


bpk dce sps

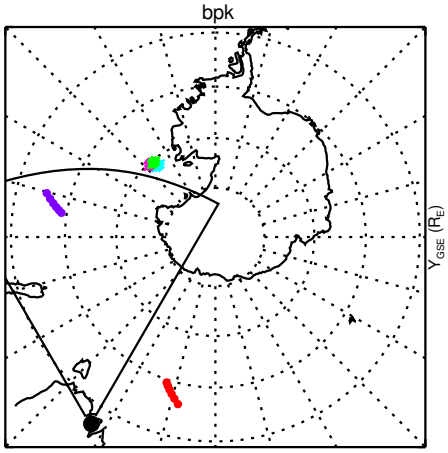


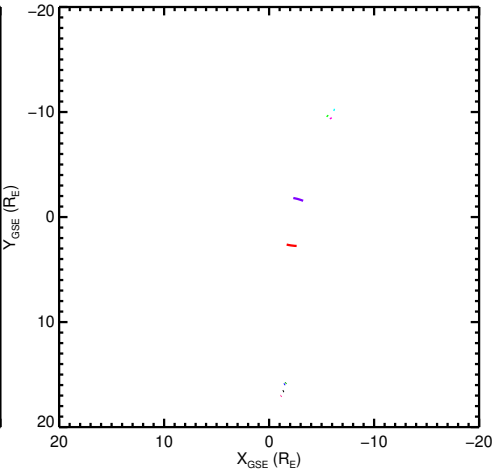


(d) 1145UT to 1210UT
ade adw bks cly cvw fhw hkw

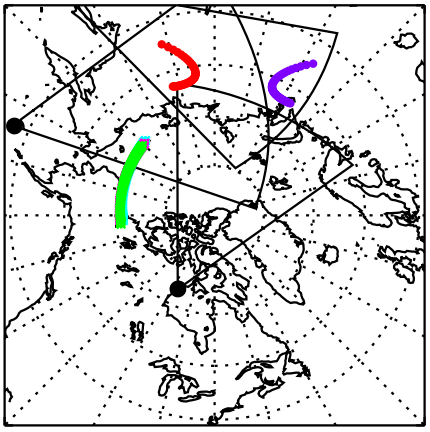


bpk

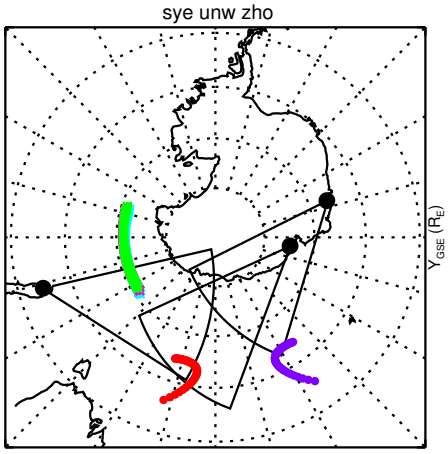


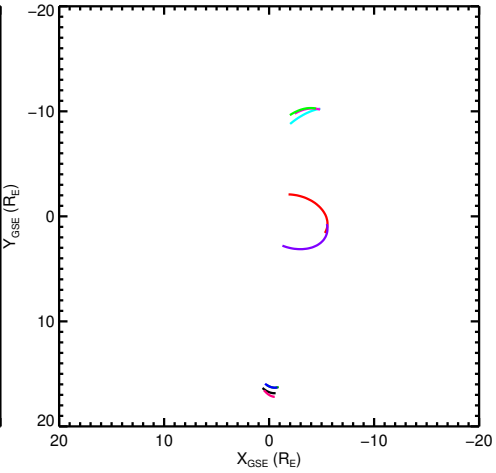


(e) 1420UT to 1835UT
adw hkw rkn

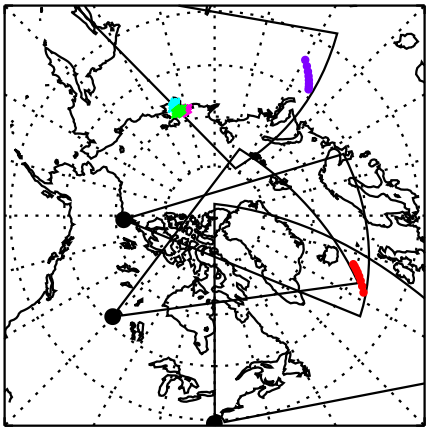


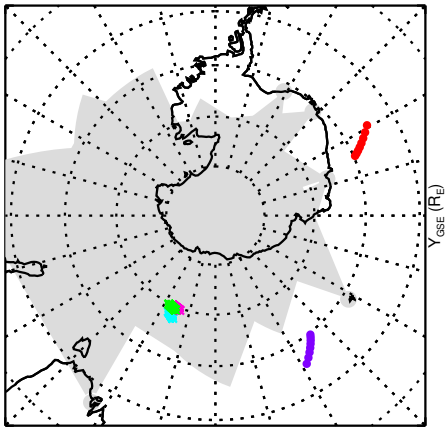
sye unw zho

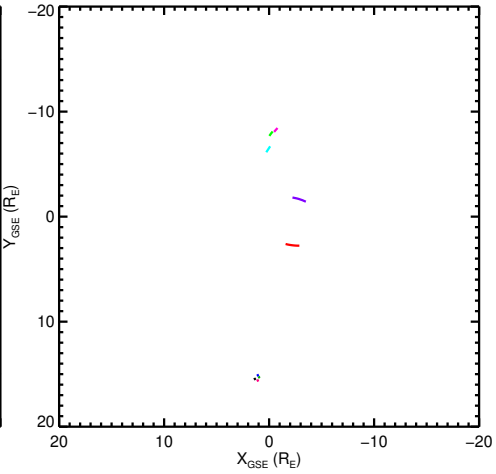
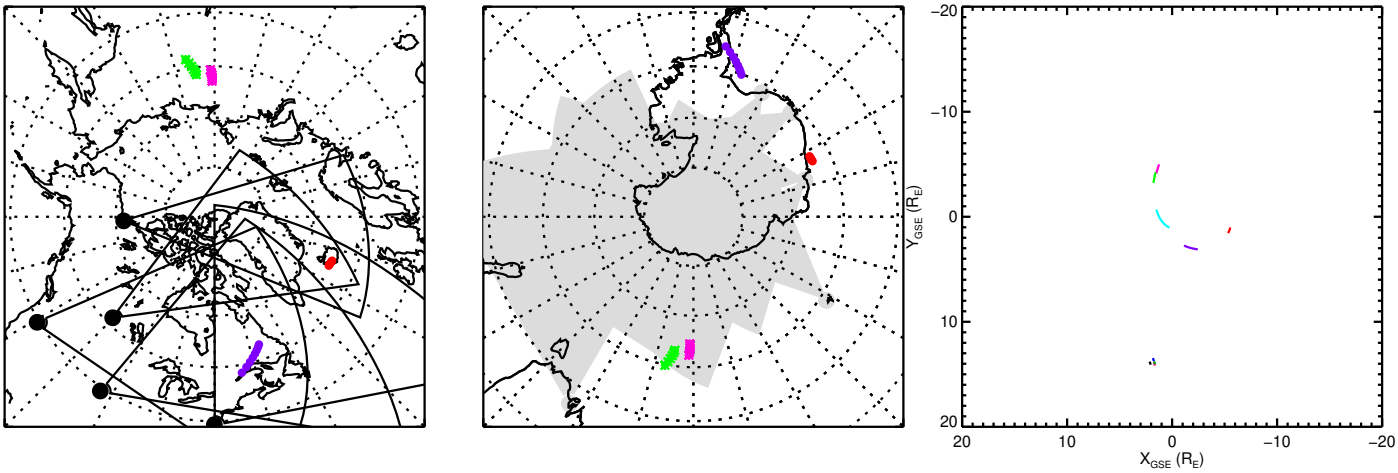




(f) 2040UT to 2115UT
hkw inv sas wal







(g) 2320UT to 2355UT
cve fhe inv sas wal