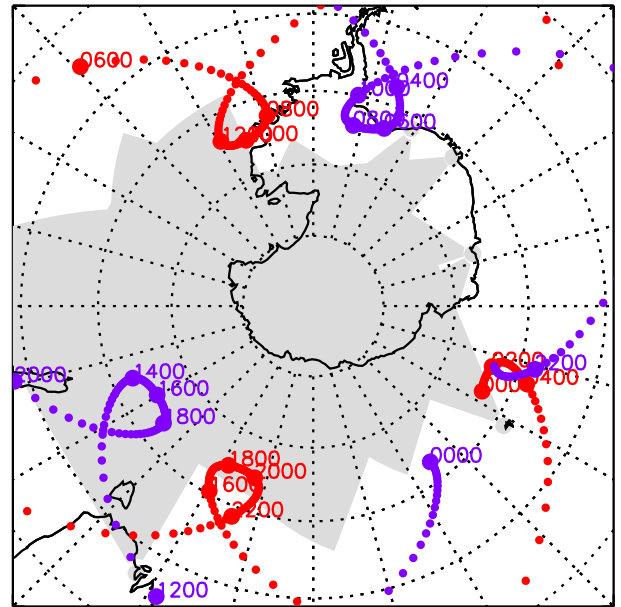
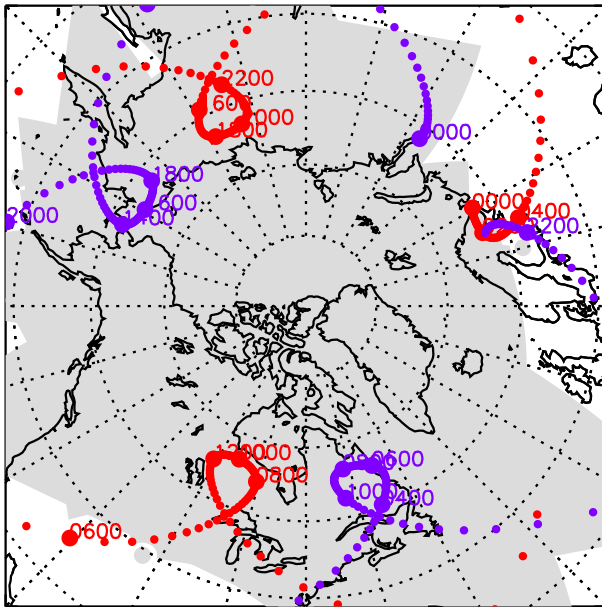


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

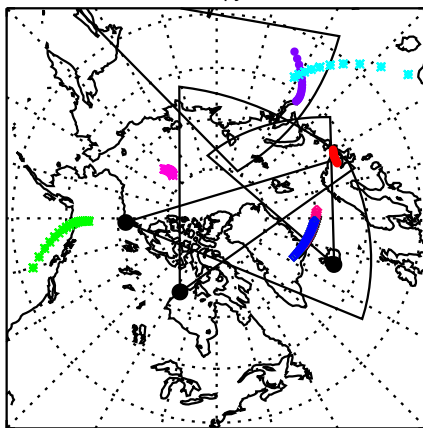
01-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

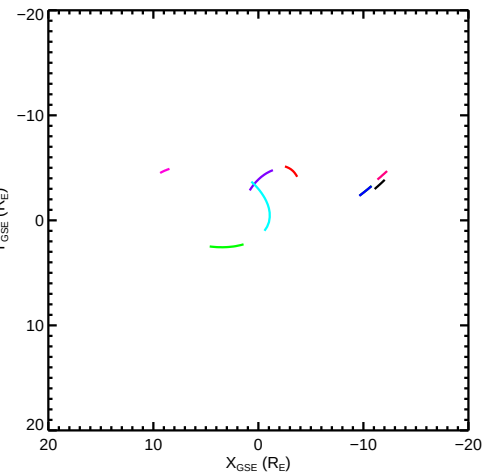
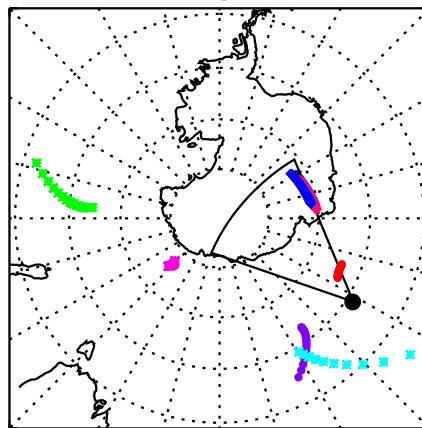
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



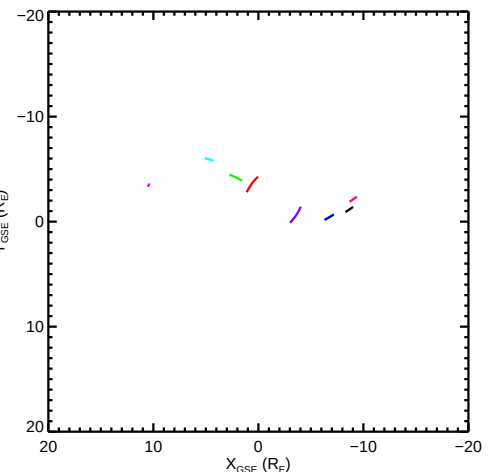
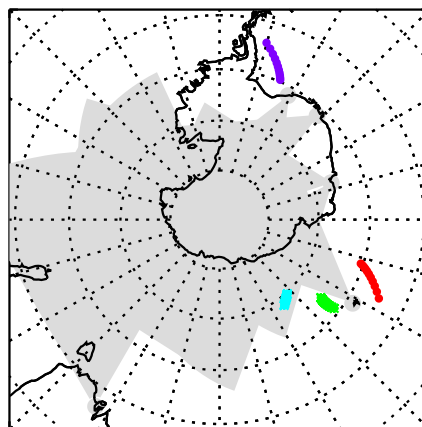
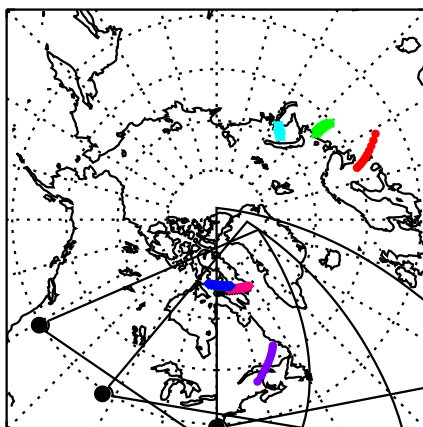
(a) 0000UT to 0130UT
hkw inv pyk rkn



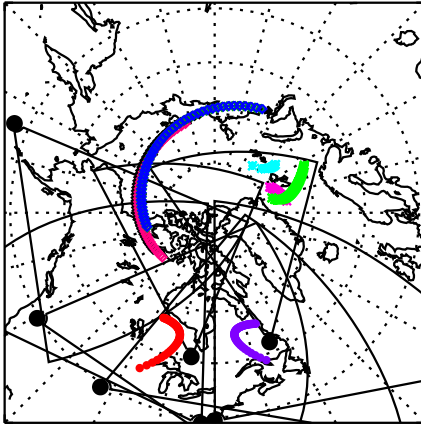
ker



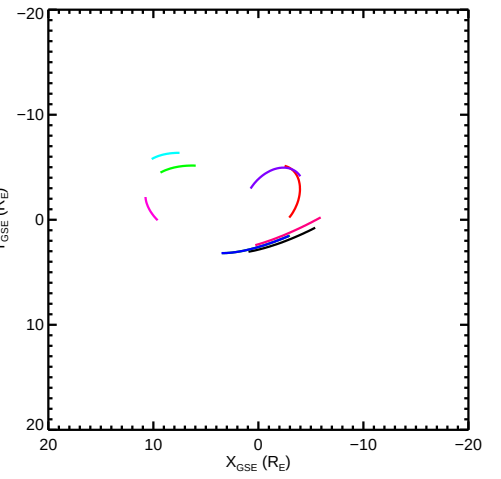
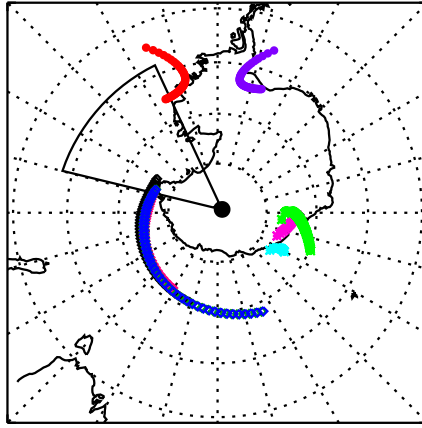
(b) 0335UT to 0425UT
cve the wal



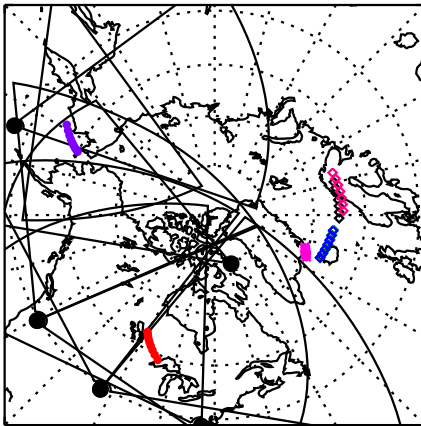
(c) 0630UT to 1030UT
ade bks cve the gbr kap wal



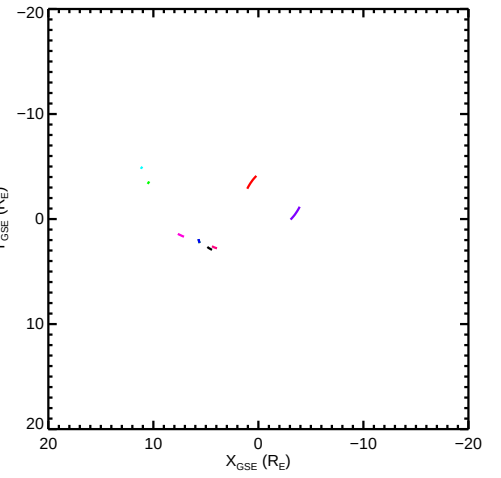
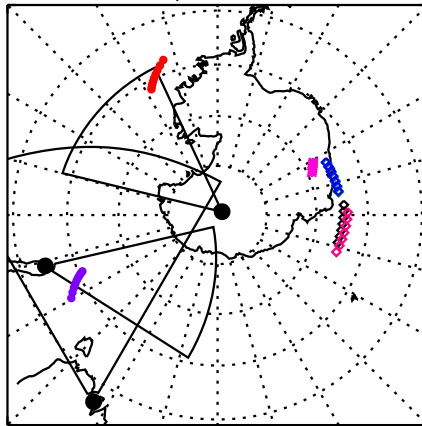
dce



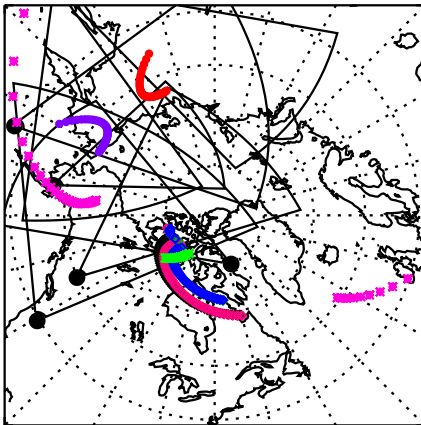
(d) 1240UT to 1320UT
adw bks cly cve cvw the fhw hok



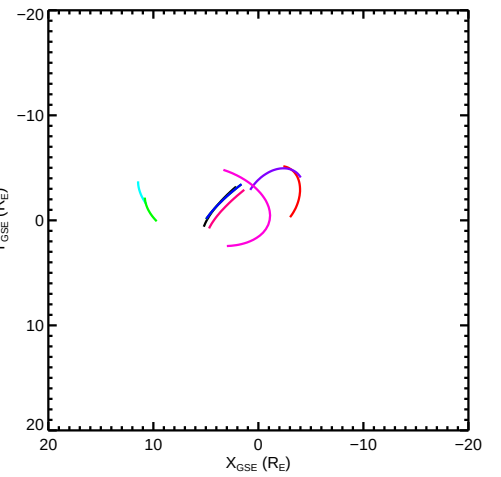
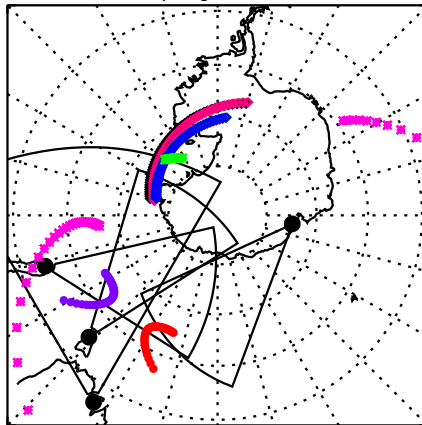
bpk dce unw



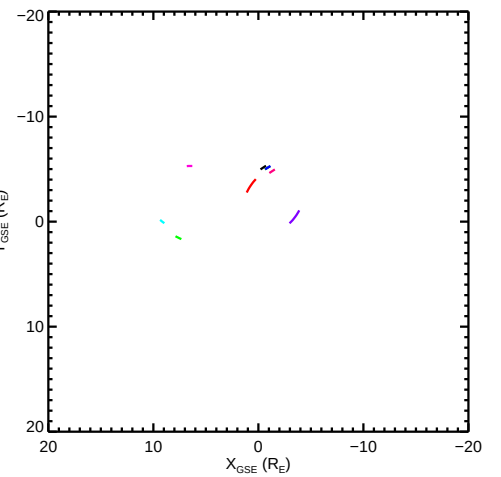
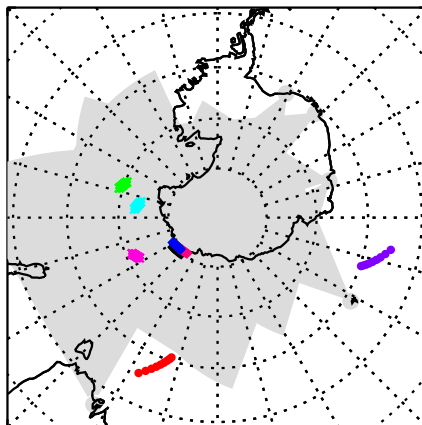
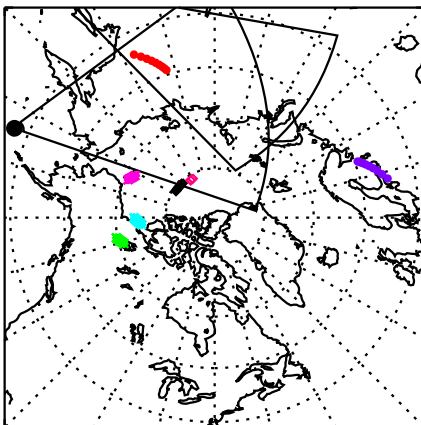
(e) 1530UT to 1935UT
adw cly cvw hkw hok ksr pgr



bpk tig unw zho



(f) 2140UT to 2220UT
adw hkw

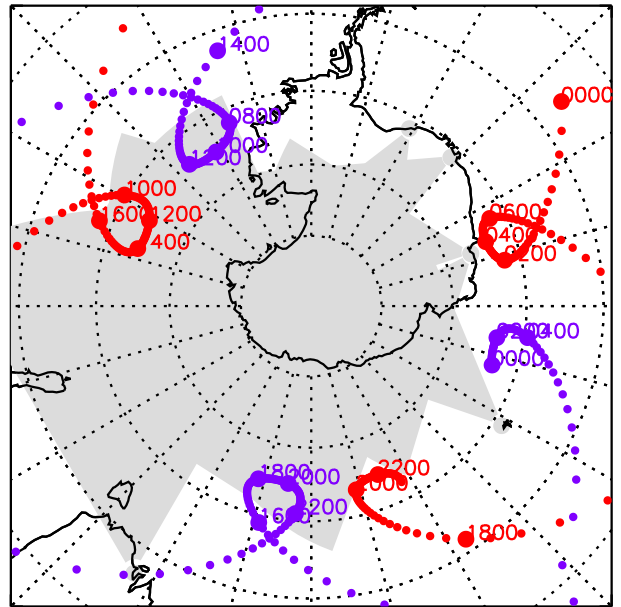
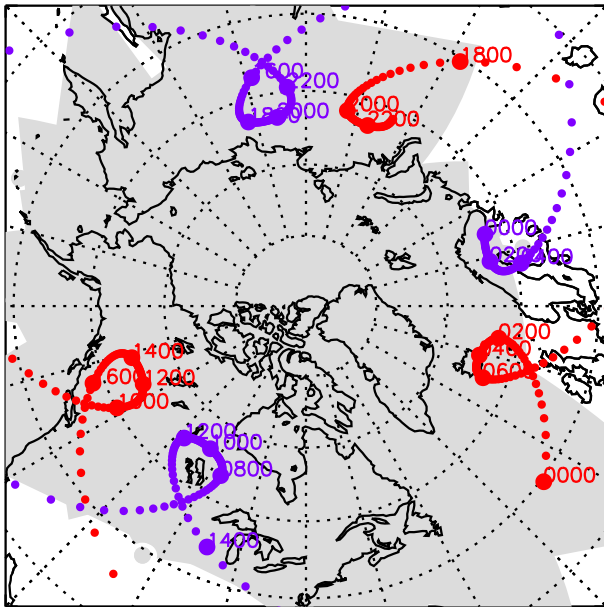


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

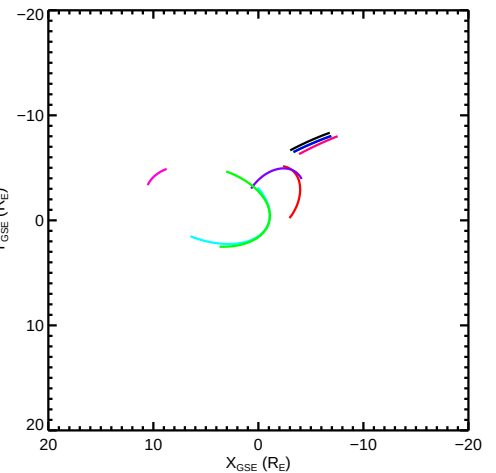
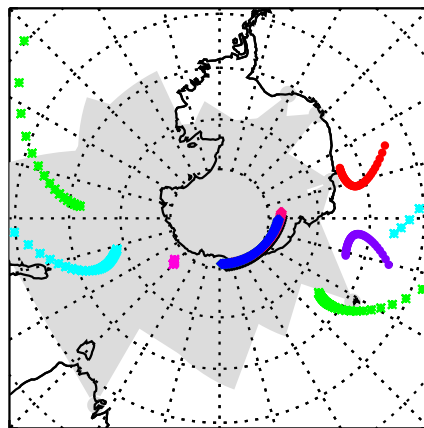
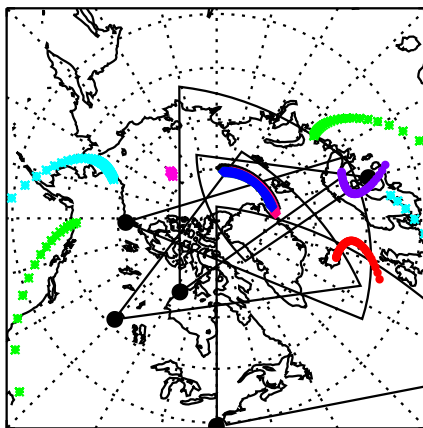
02-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

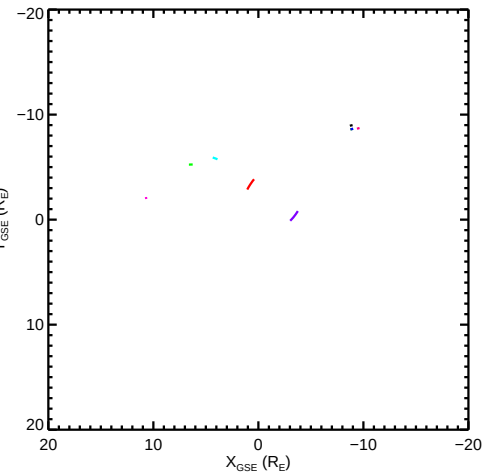
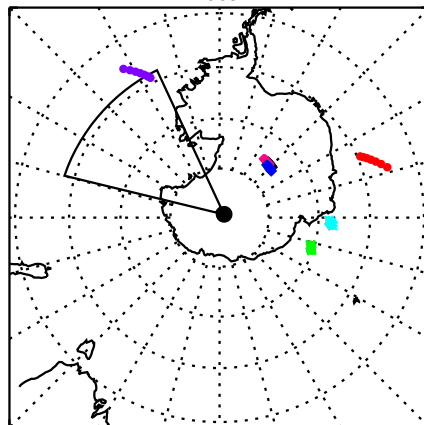
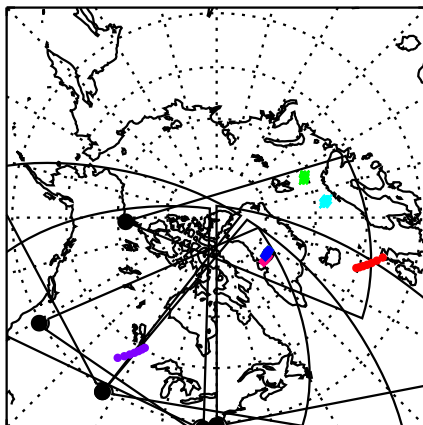
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



(a) 0025UT to 0435UT
han inv rkn sas wal

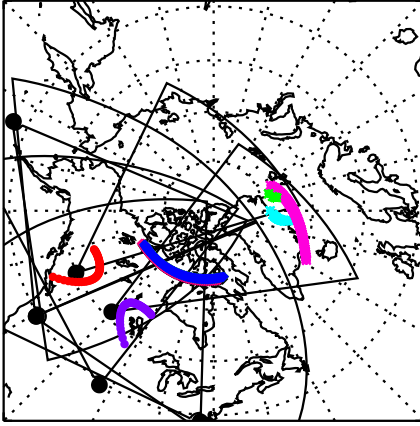


(b) 0645UT to 0715UT
bks cve the thw inv wal

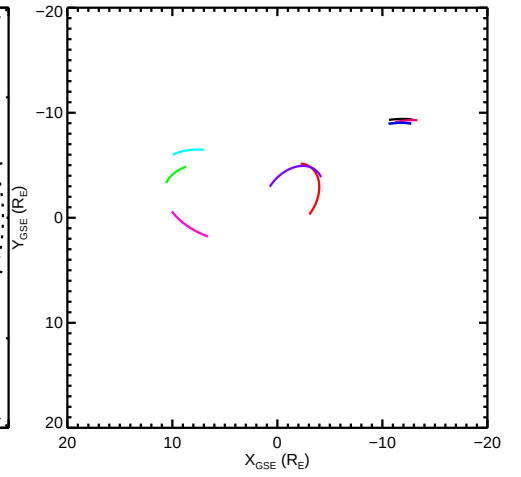
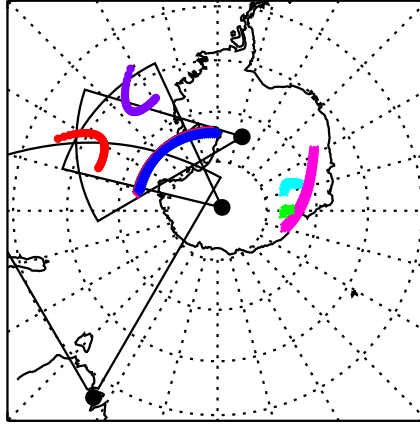


dce

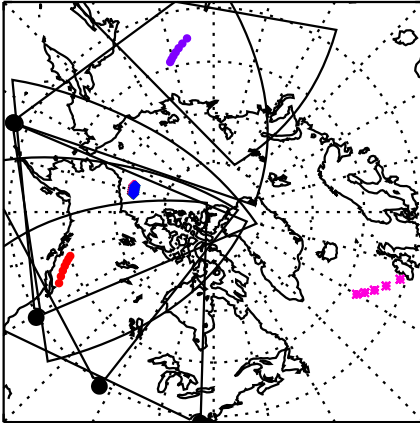
(c) 0925UT to 1340UT
ade bks cve cvw fhw pgr sas



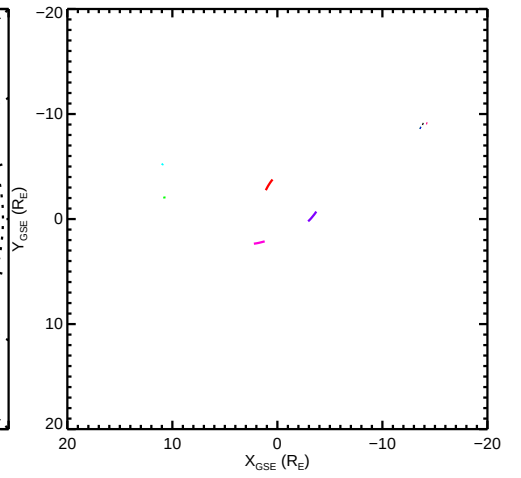
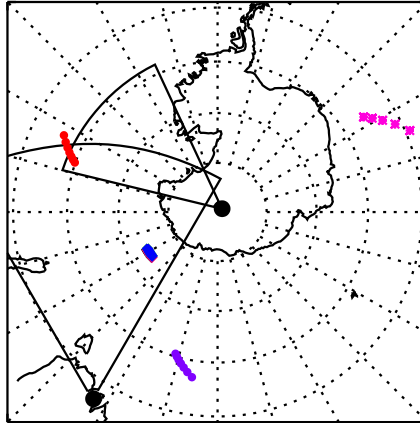
bpk dce sps



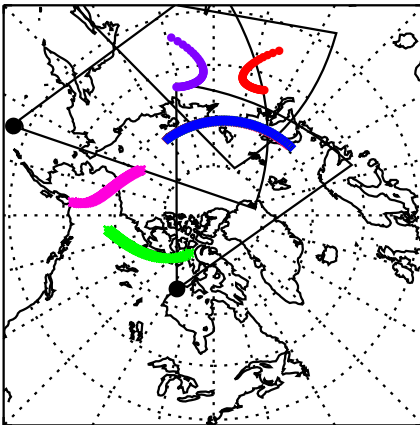
(d) 1545UT to 1615UT
ade adw bks cvw fhw hkw



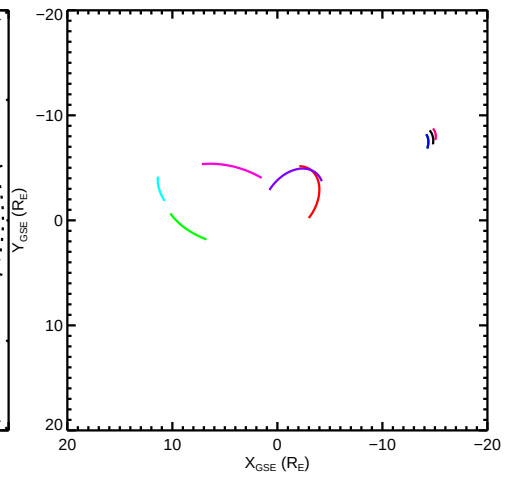
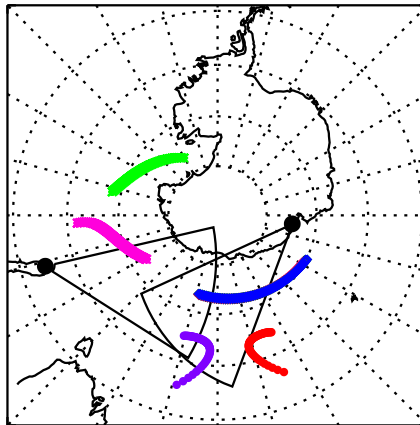
bpk dce



(e) 1820UT to 2245UT
adw hkw rkn



unw zho

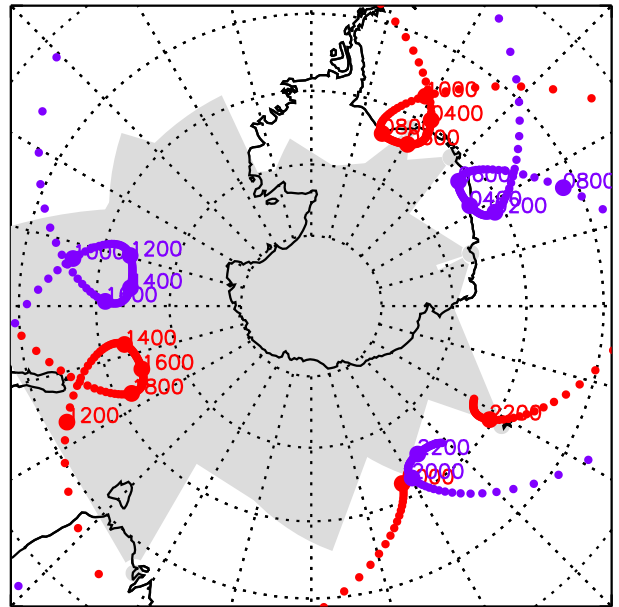
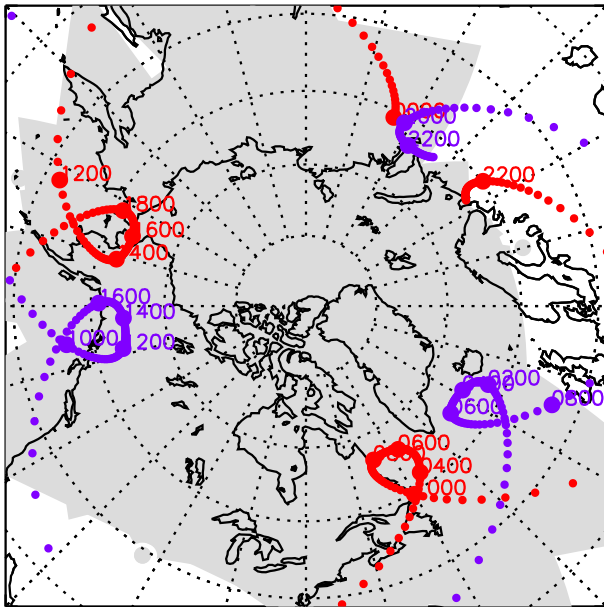


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

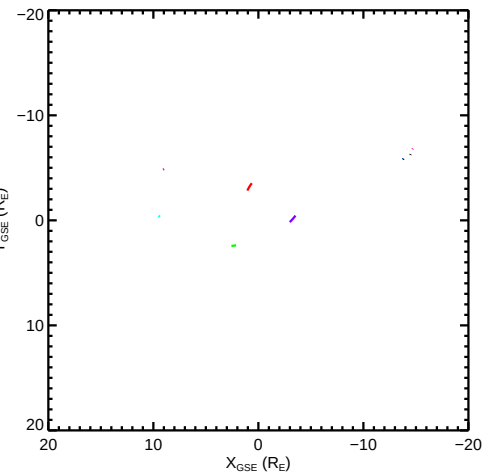
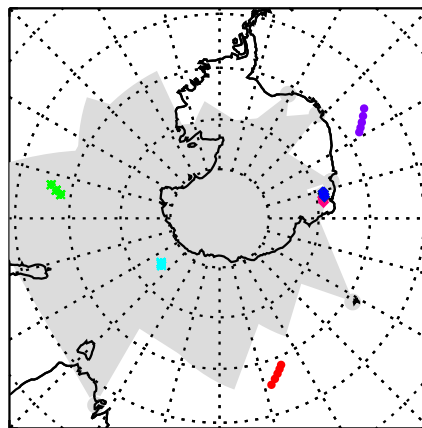
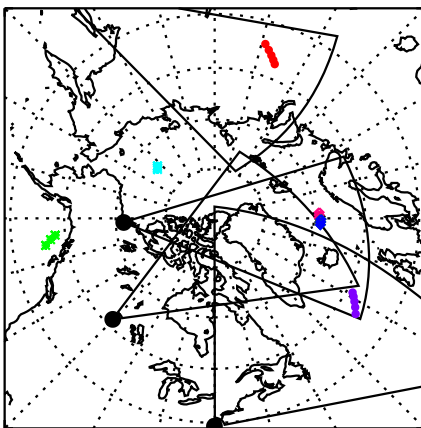
03-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

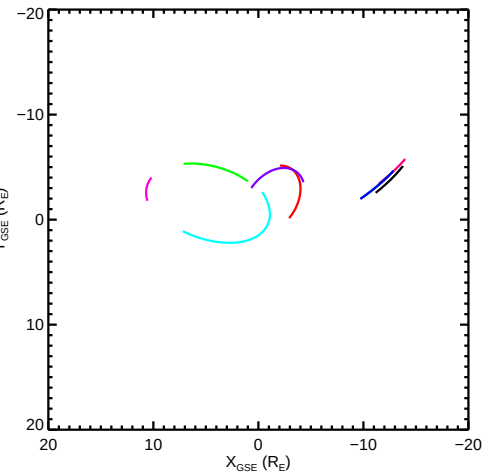
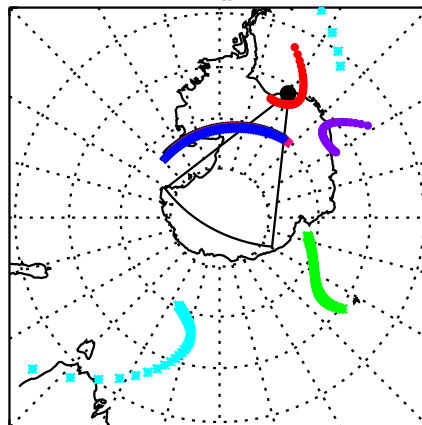
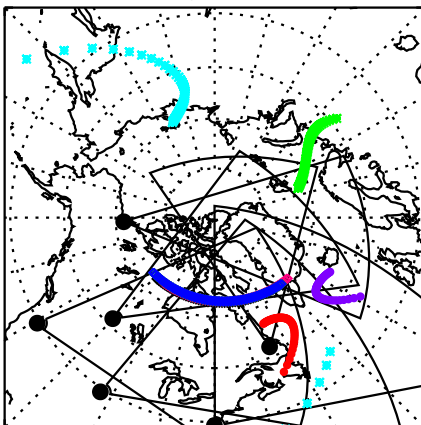
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



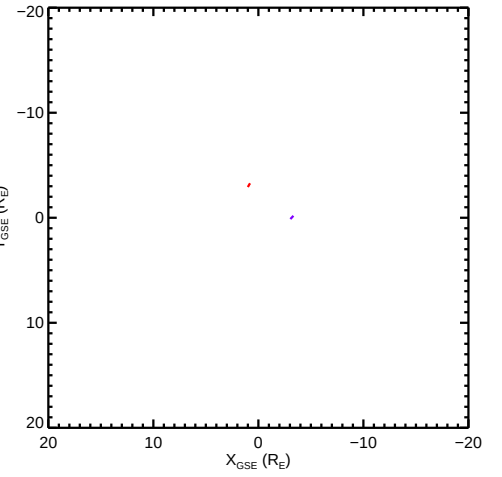
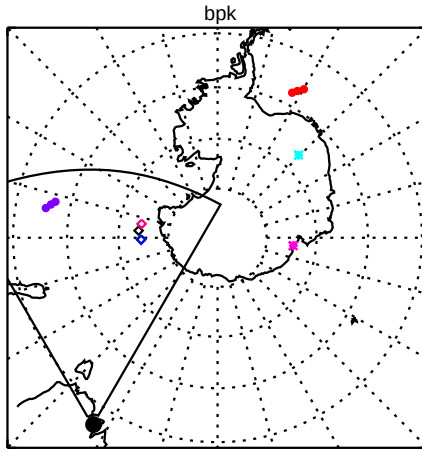
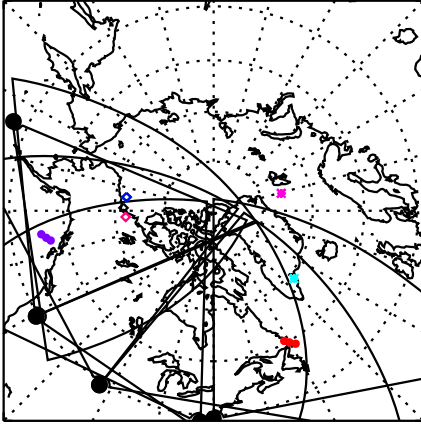
(a) 0050UT to 0110UT
hkw inv sas wal



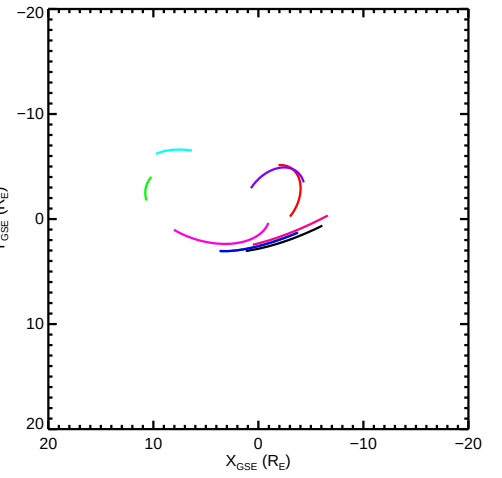
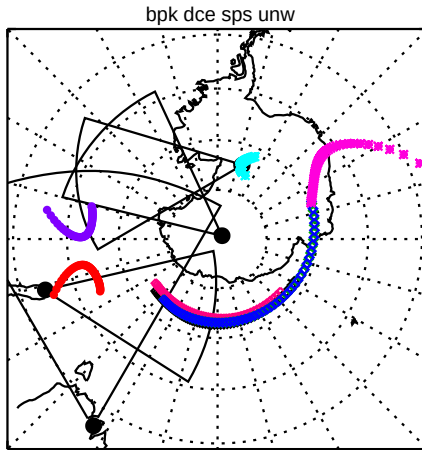
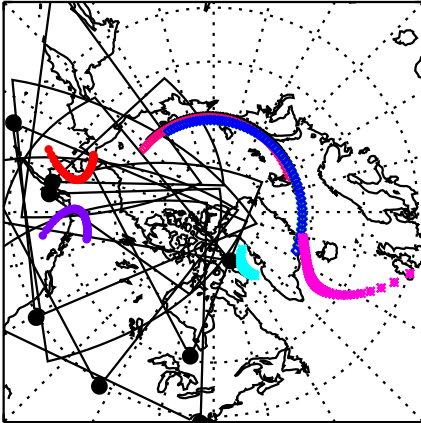
(b) 0315UT to 0745UT
cve the gbr inv sas wal



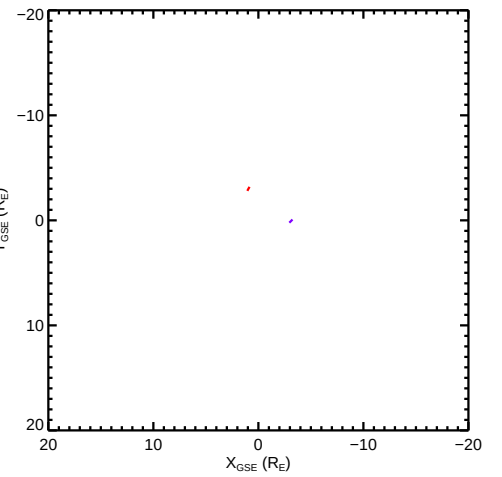
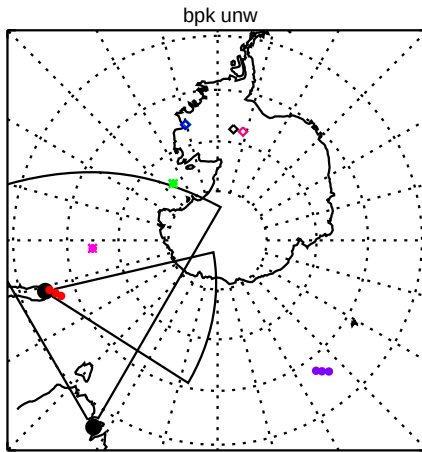
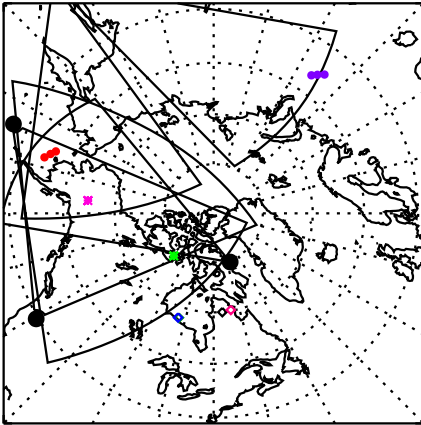
(c) 0955UT to 1005UT
ade bks cve cvw fhw fhe fhw wal



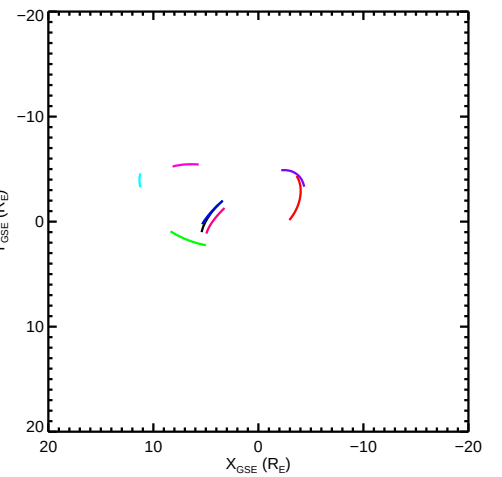
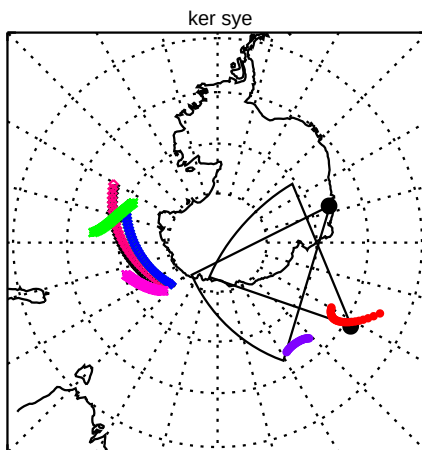
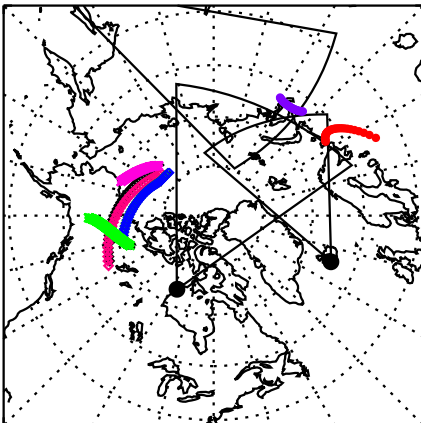
(d) 1215UT to 1650UT
ade bks cly cvw fhw hok kap kod ksr



(e) 1855UT to 1905UT
ade cly cvw hkw hok



(f) 2110UT to 2355UT
hkw pyk rkn

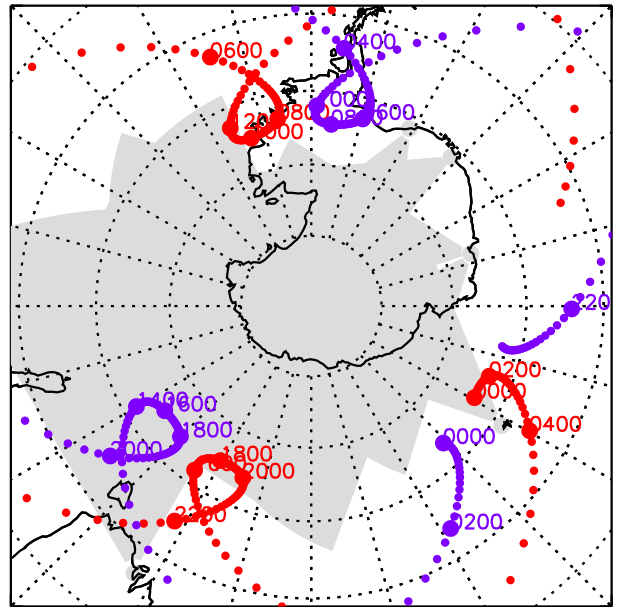
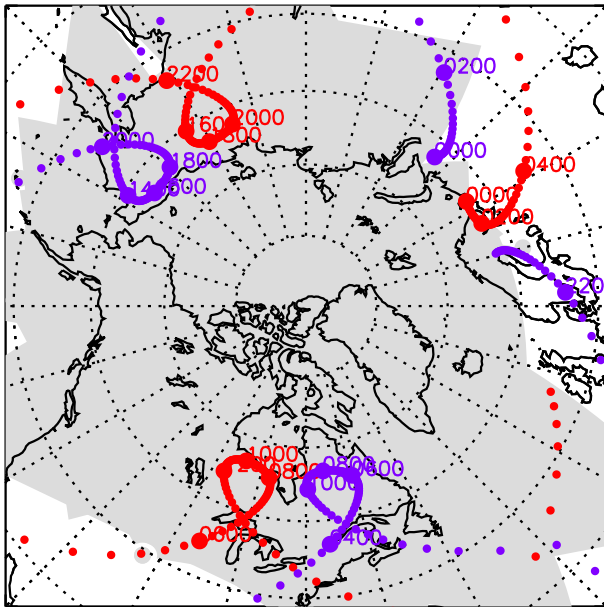


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

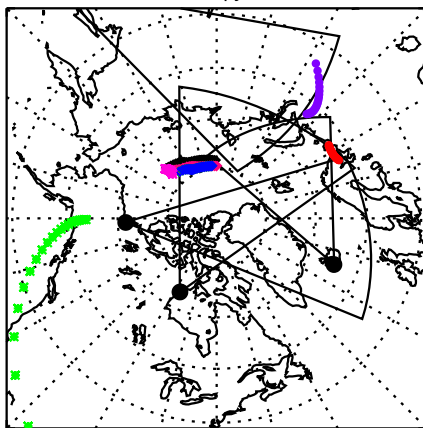
04-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

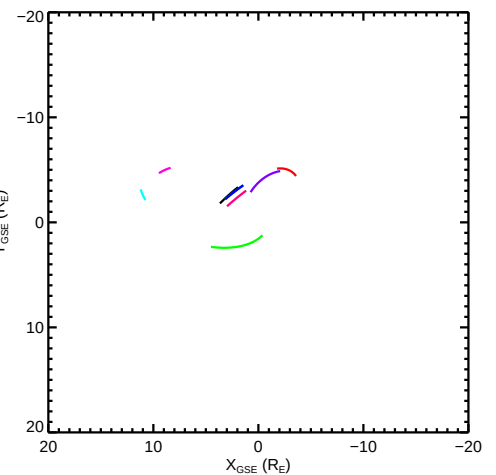
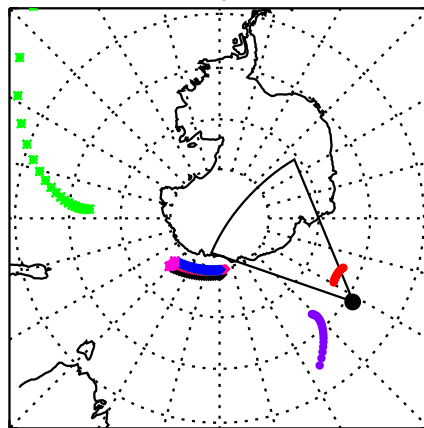
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



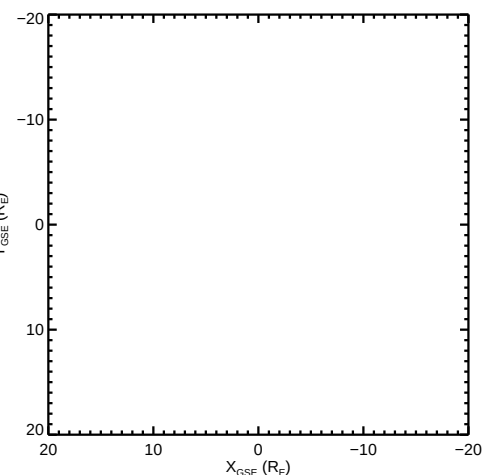
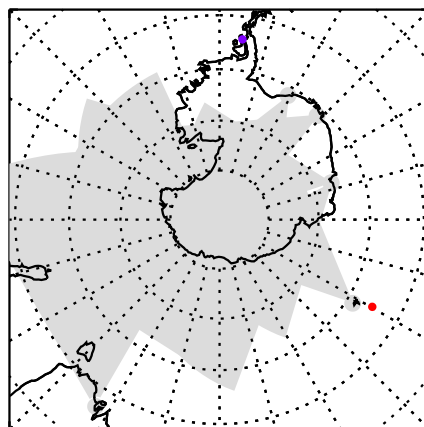
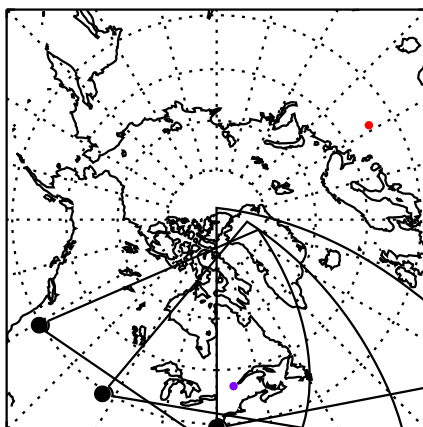
(a) 0000UT to 0155UT
hkw inv pyk rkn



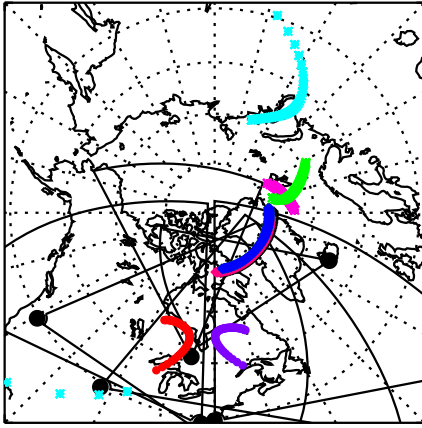
ker



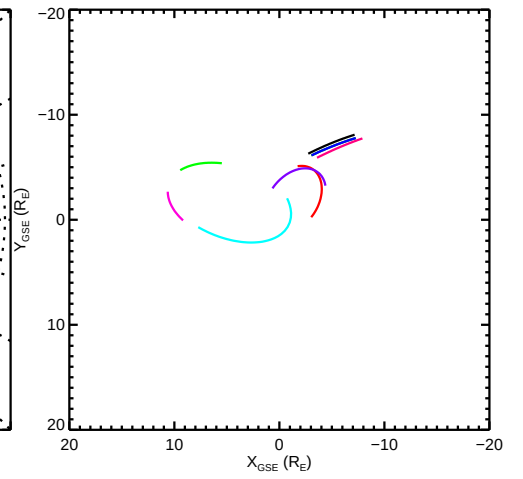
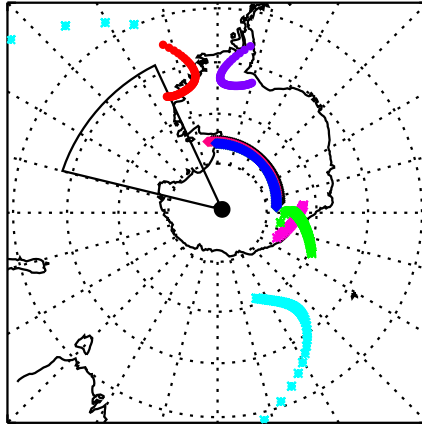
(b) 0400UT to 0400UT
cve the wal



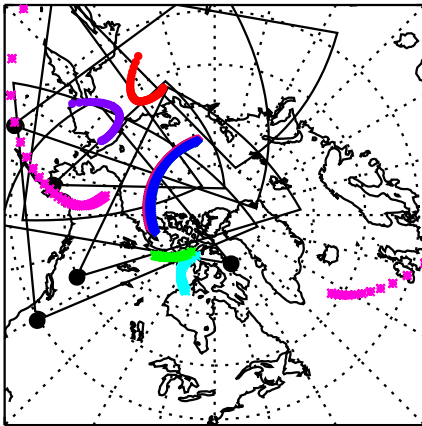
(c) 0610UT to 1055UT
bks cve the kap sto wal



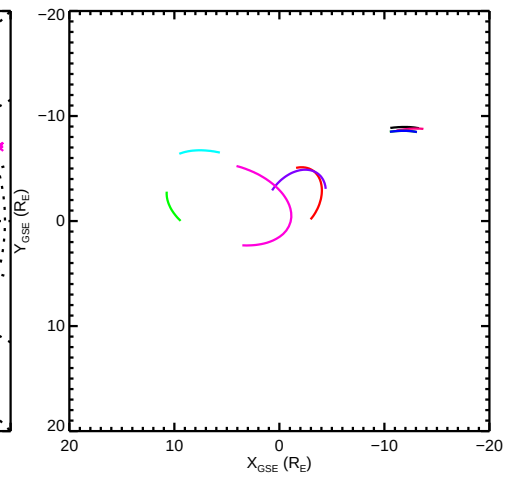
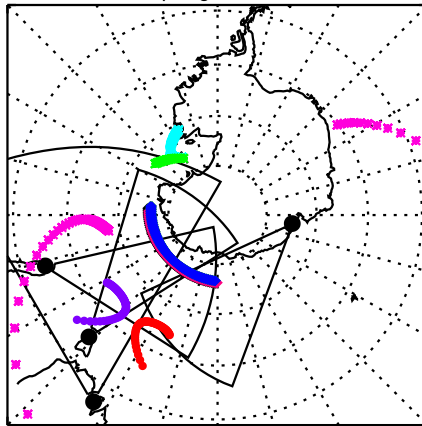
dce



(d) 1505UT to 2000UT
adw cly cvw hkw hok ksr pgr



bpk tig unw zho

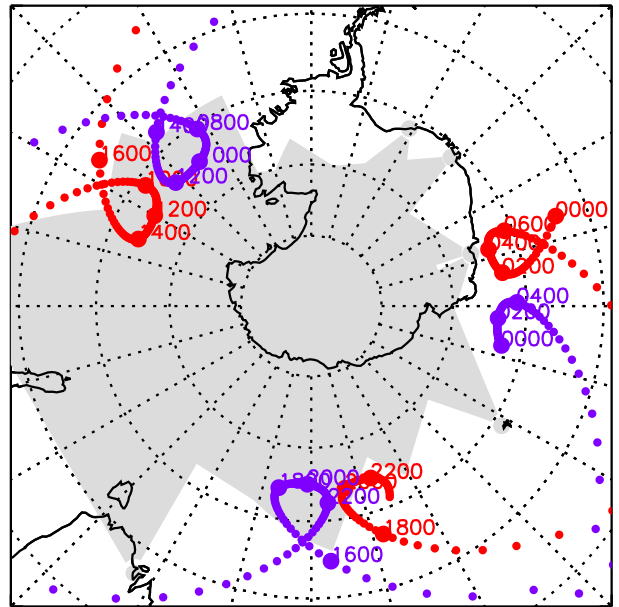
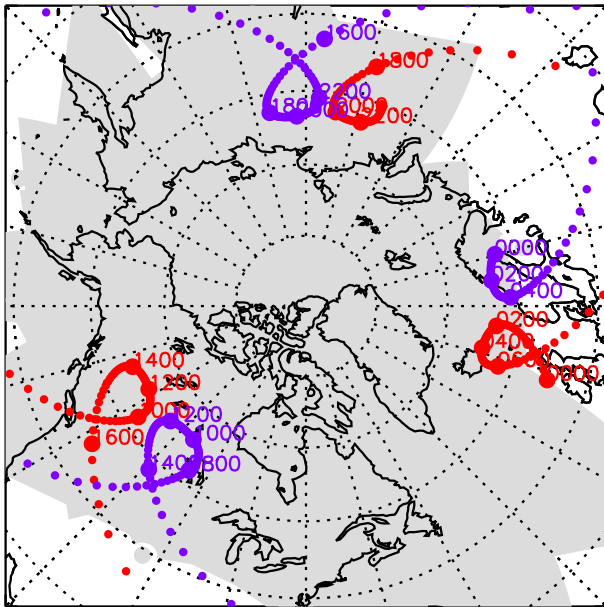


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

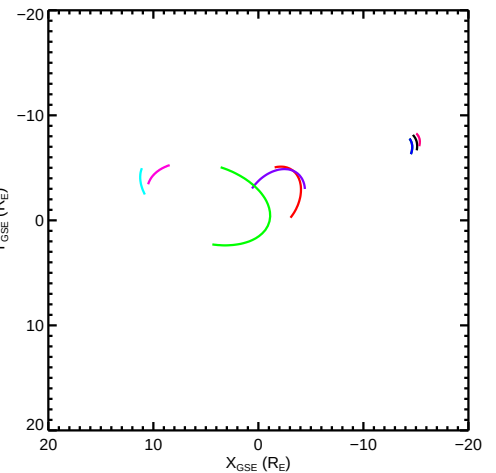
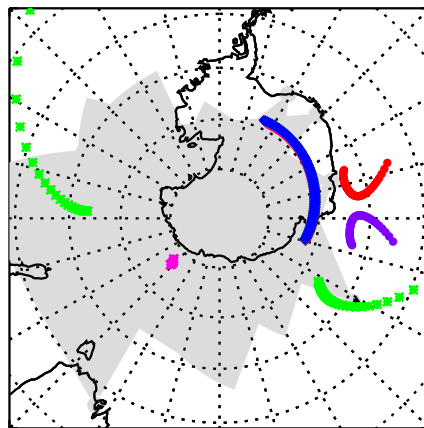
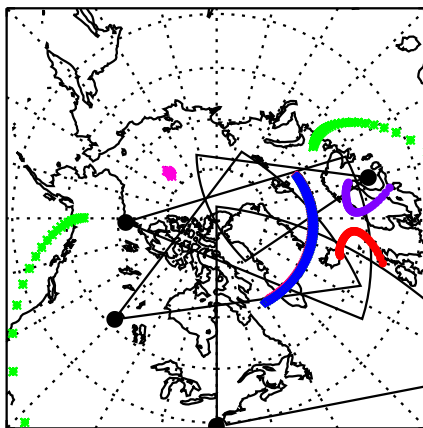
05-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

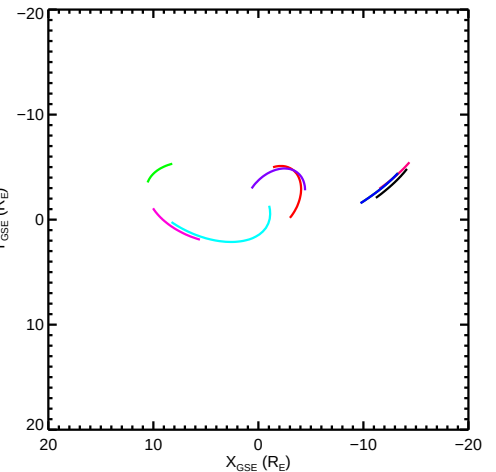
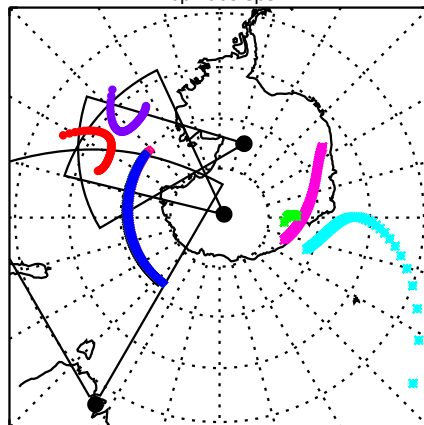
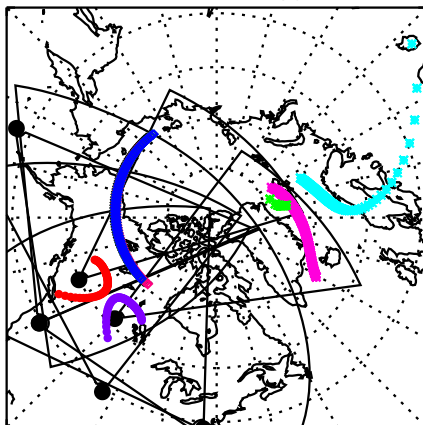
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



(a) 0005UT to 0500UT
han inv sas wal

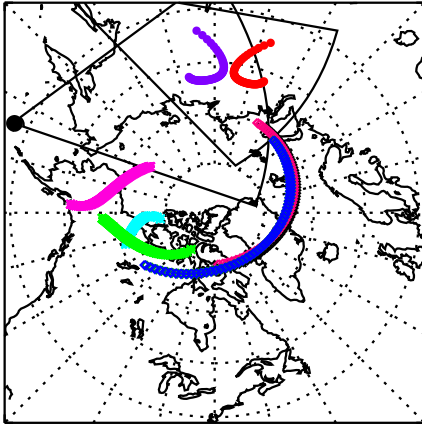


(b) 0900UT to 1405UT
ade bks cve cvw fhw pgr sas

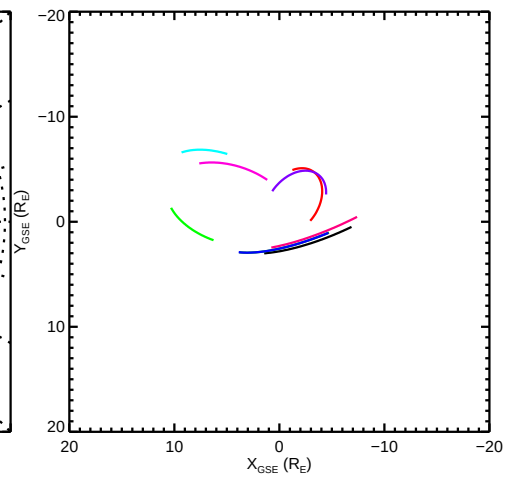
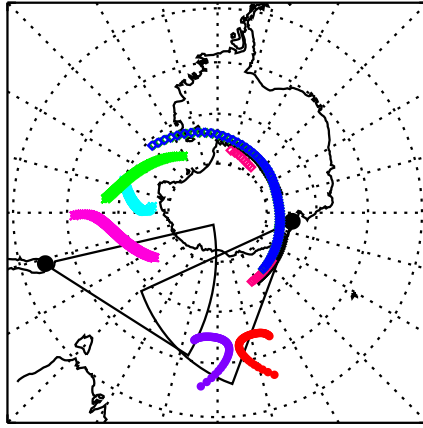


bpk dce sps

(c) 1755UT to 2310UT
adw hkw



unw zho

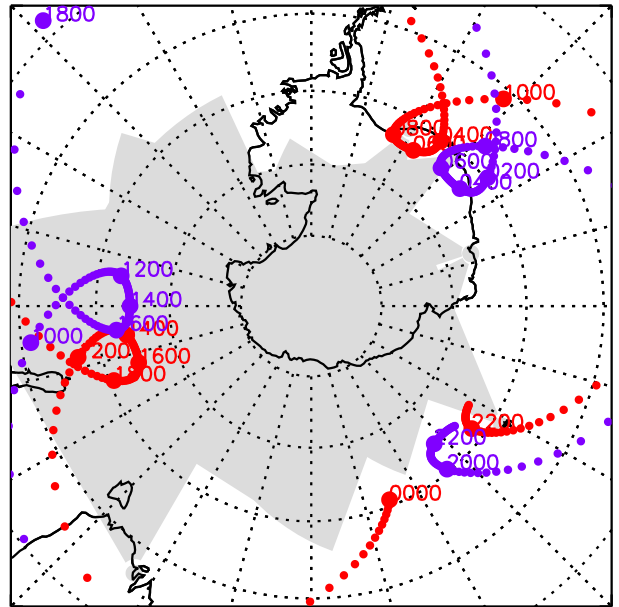
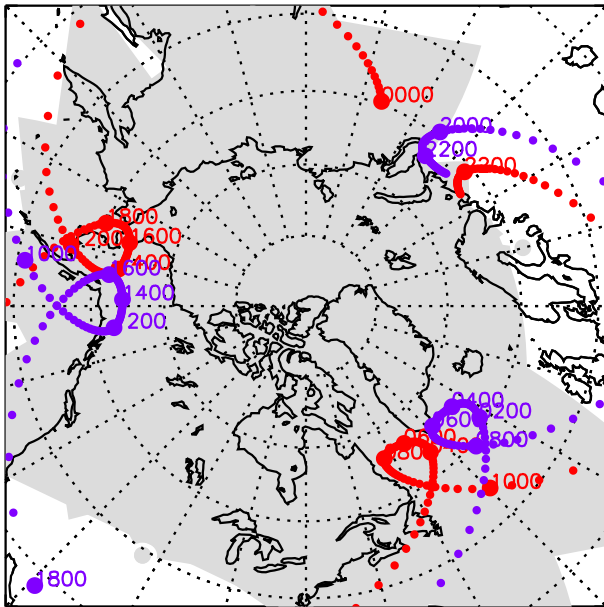


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

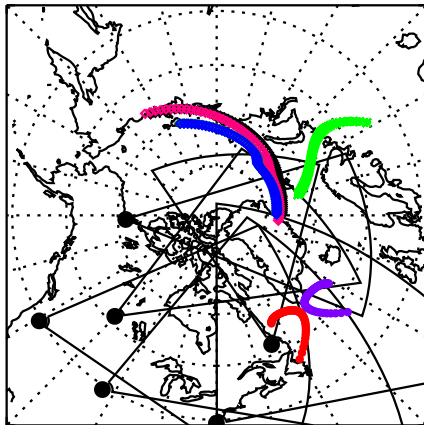
06-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

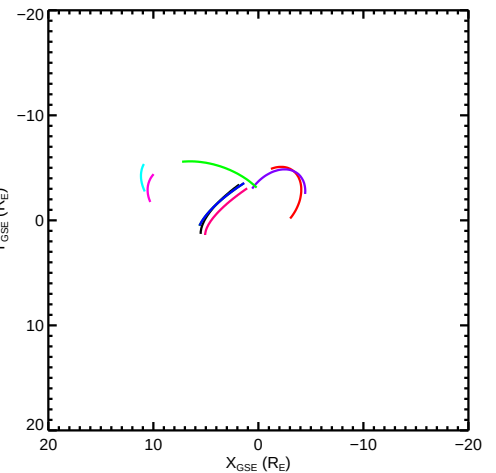
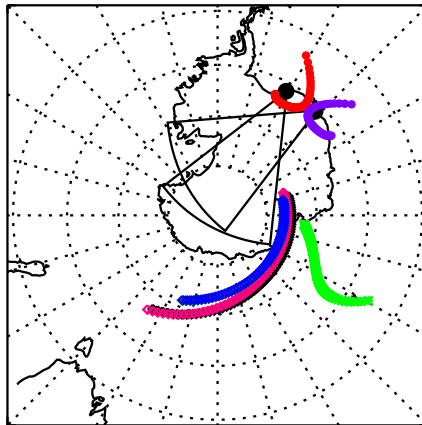
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



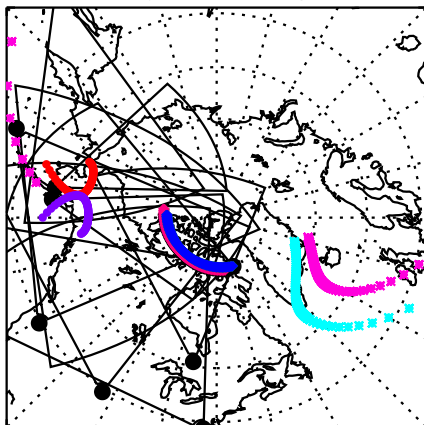
(a) 0255UT to 0810UT
cve the gbr inv sas wal



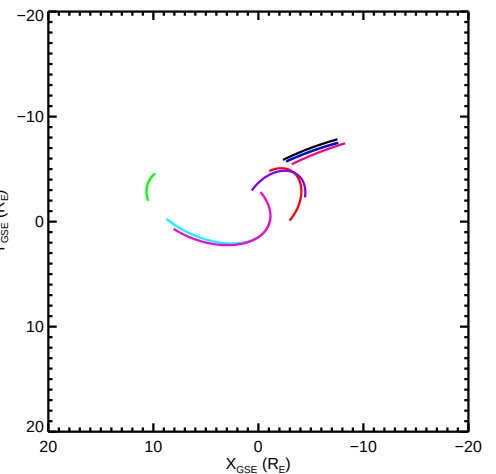
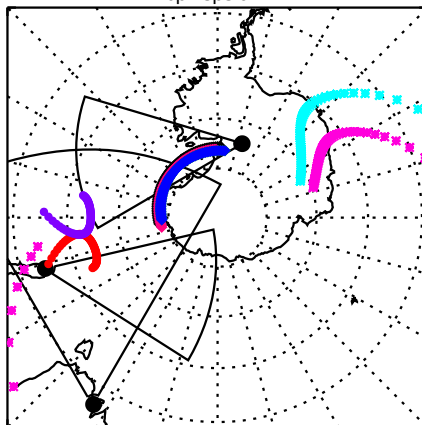
hal san



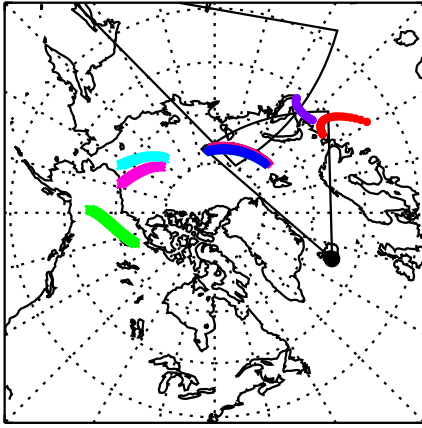
(b) 1150UT to 1715UT
ade bks cly cvw thw hok kap kod ksr



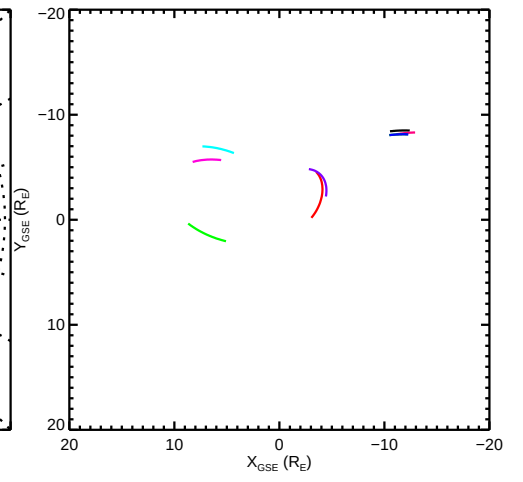
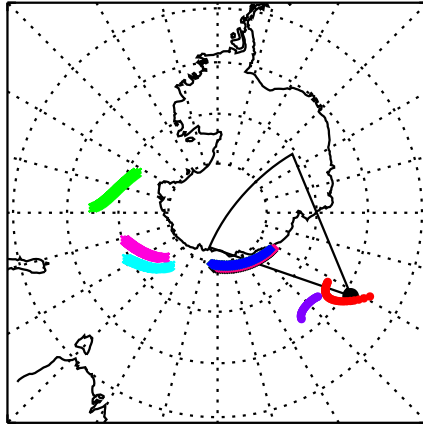
bpk sps unw



(c) 2050UT to 2355UT
hkw pyk



ker

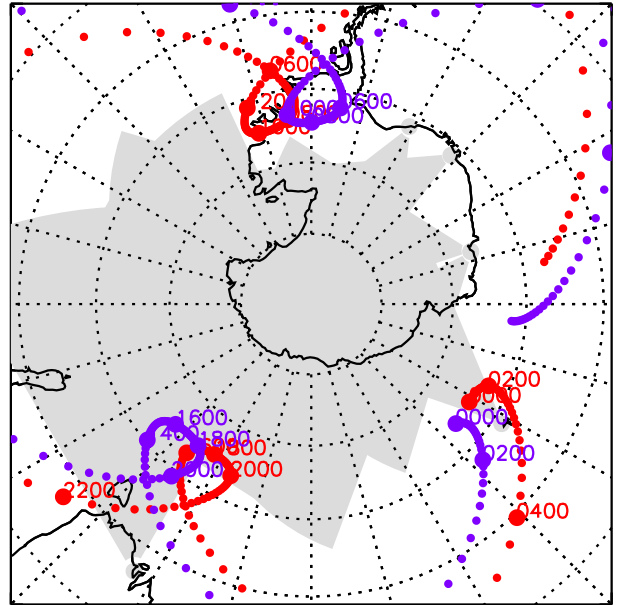
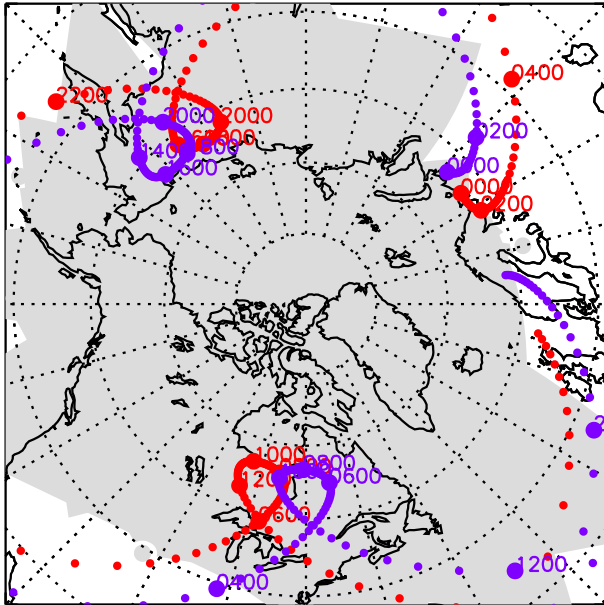


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

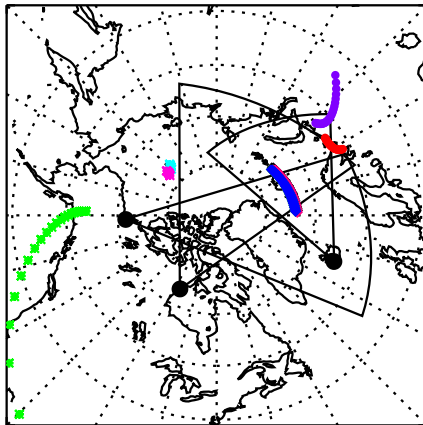
07-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

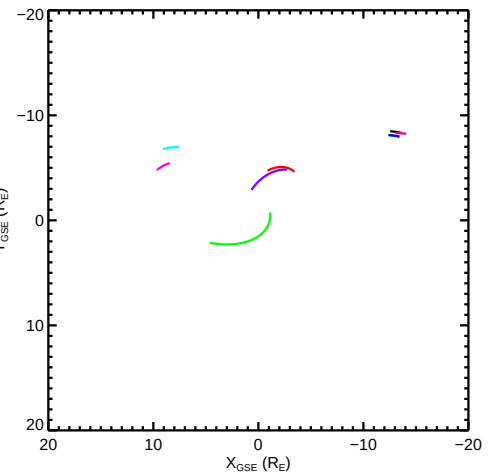
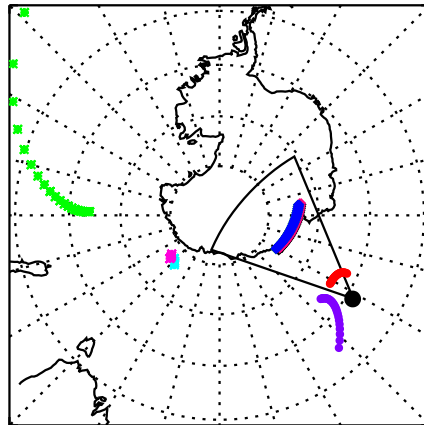
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



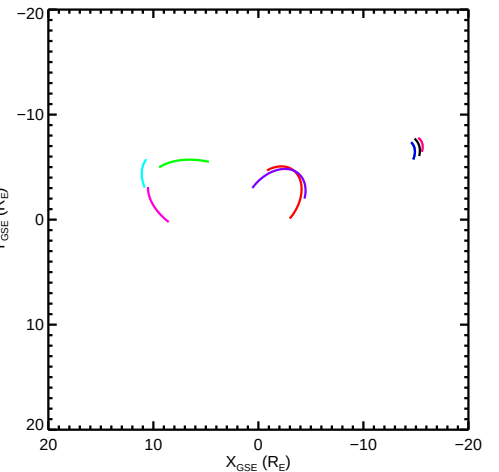
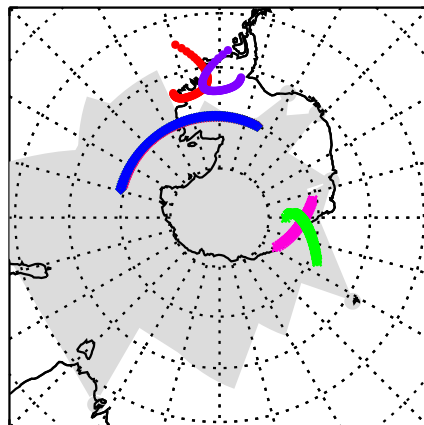
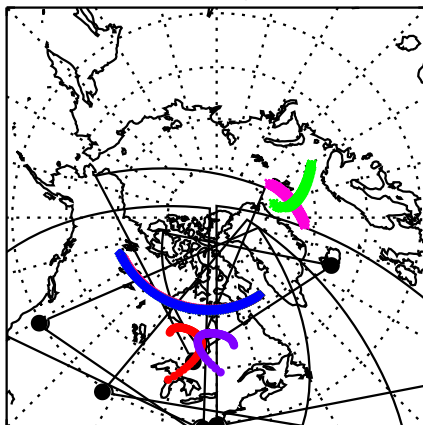
(a) 0000UT to 0220UT
inv pyk rkn



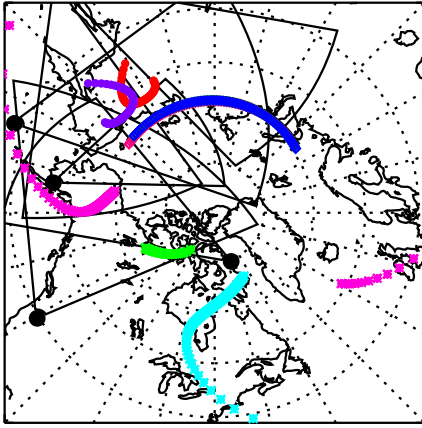
ker



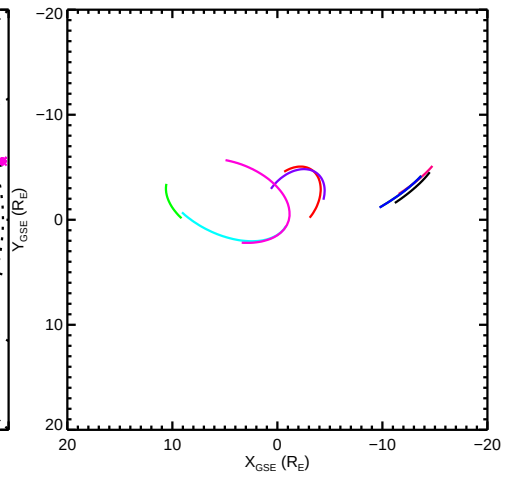
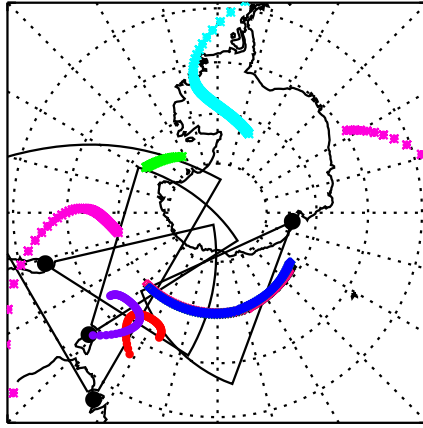
(b) 0545UT to 1120UT
bks cve the kap sto wal



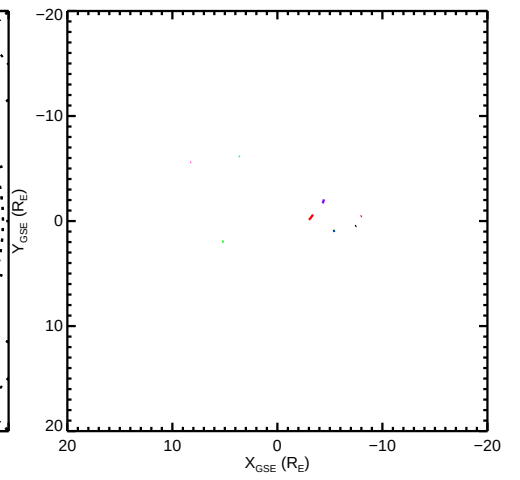
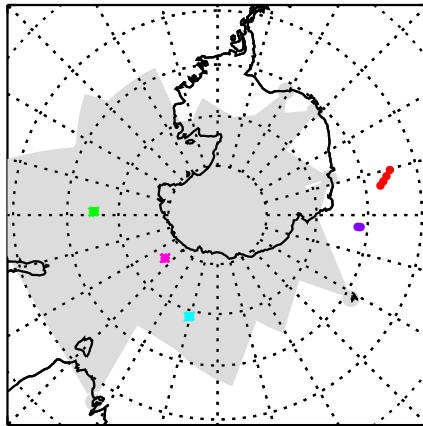
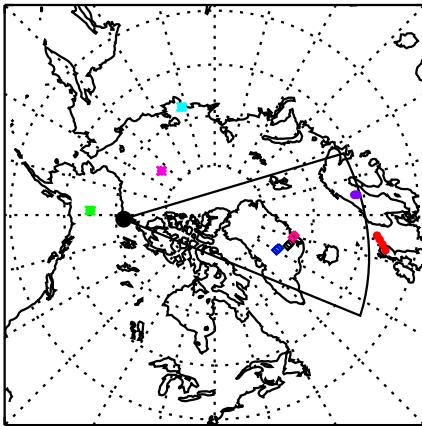
(c) 1445UT to 2025UT
adw cly cvw hkw hok ksr



bpk tig unw zho



(d) 2340UT to 2355UT
inv

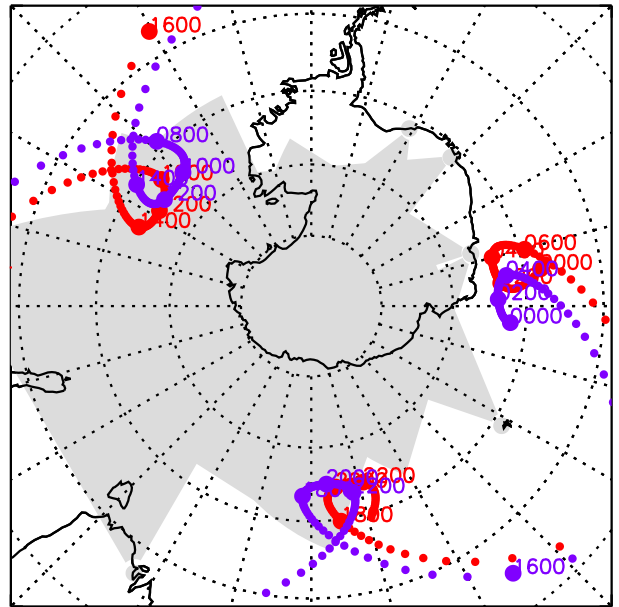
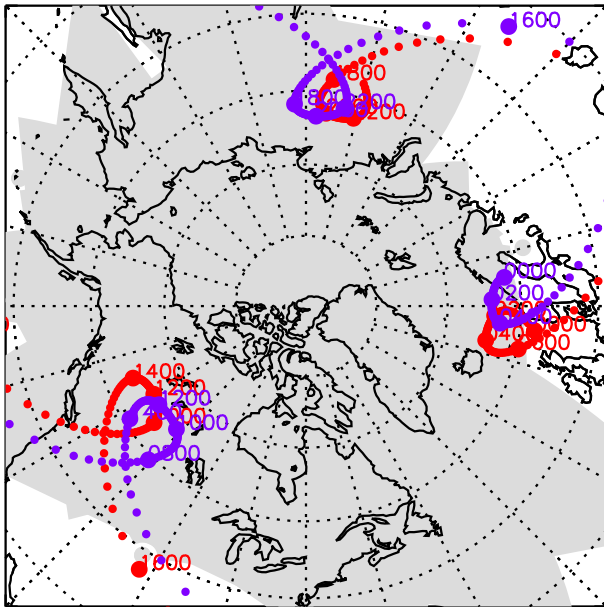


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

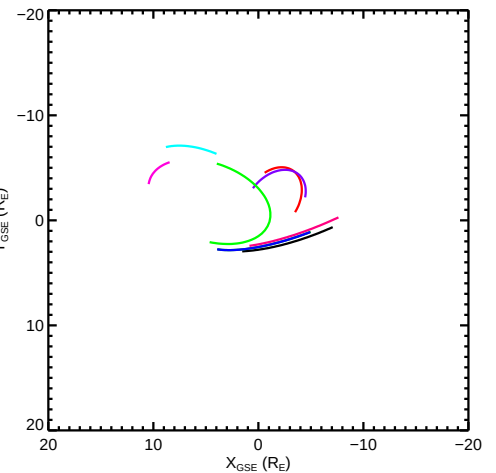
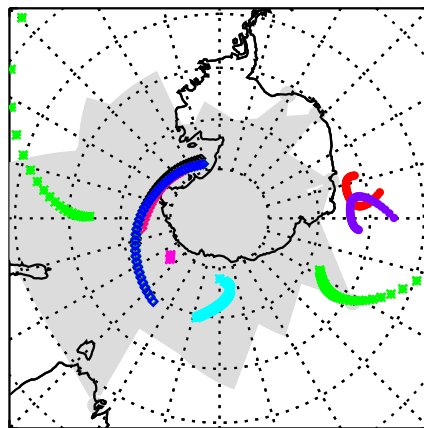
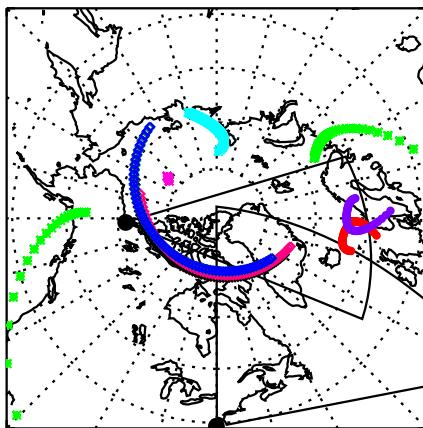
08-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

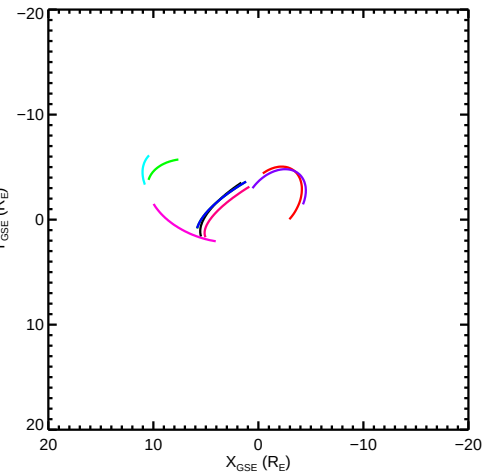
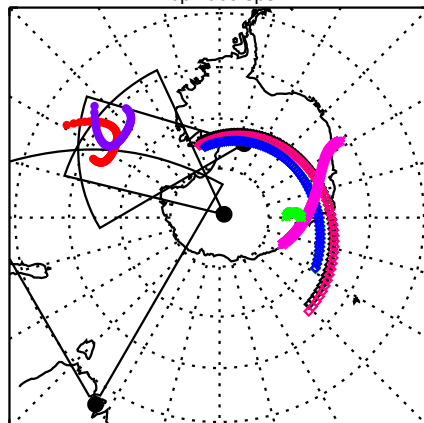
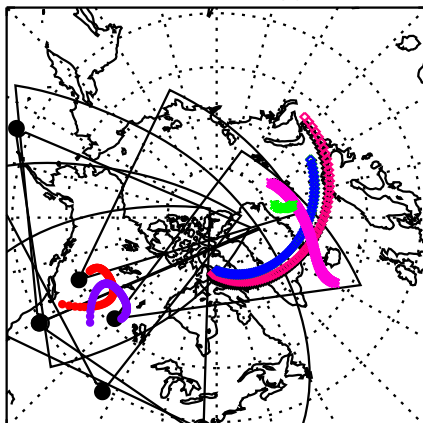
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



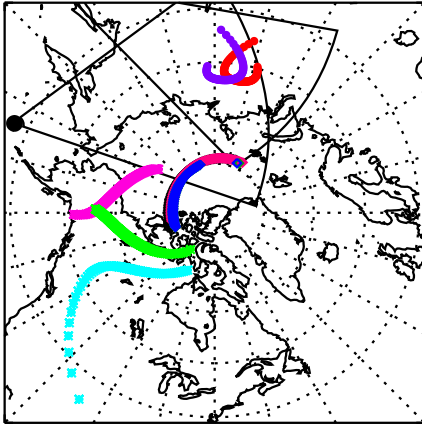
(a) 0000UT to 0525UT
inv wal



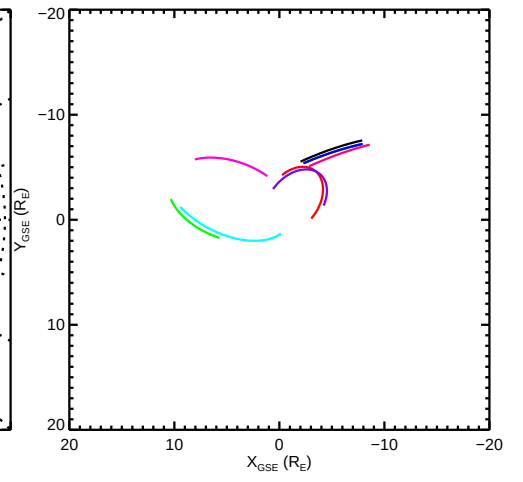
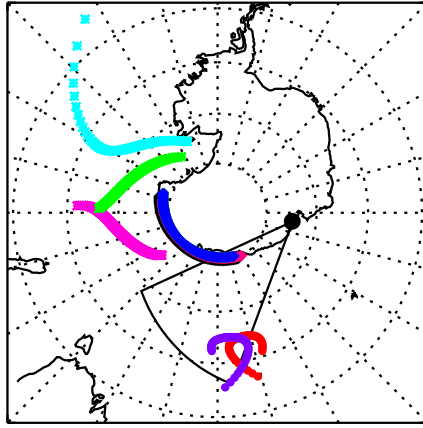
(b) 0835UT to 1430UT
ade bks cve cvw fhw pgr sas



(c) 1735UT to 2335UT
adw hkw



zho

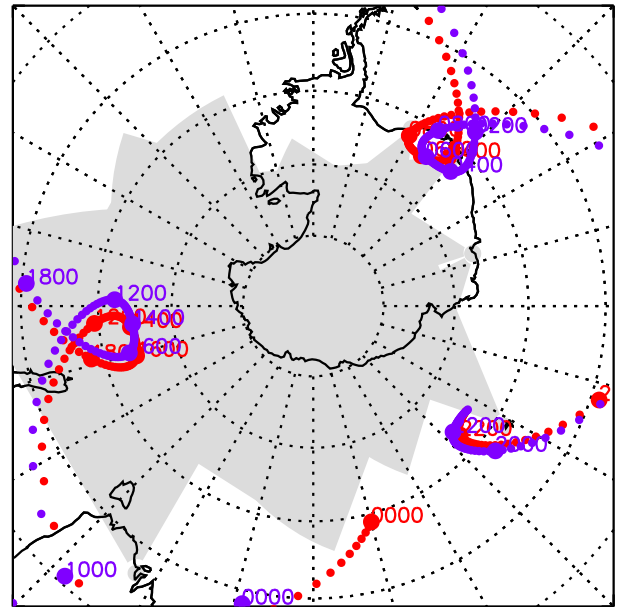
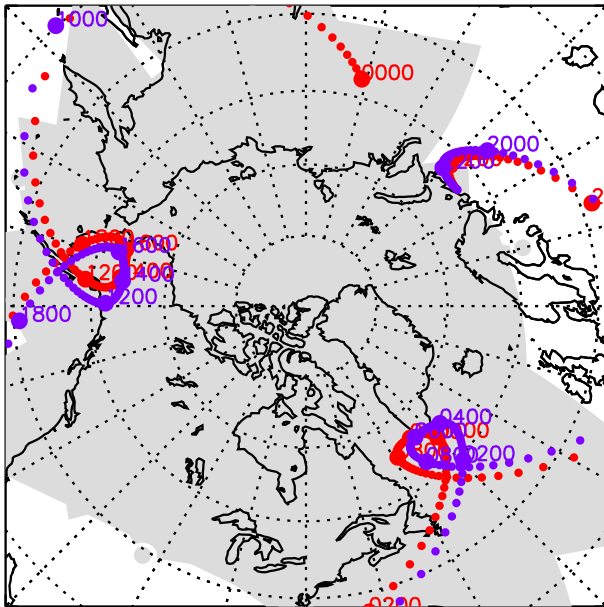


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

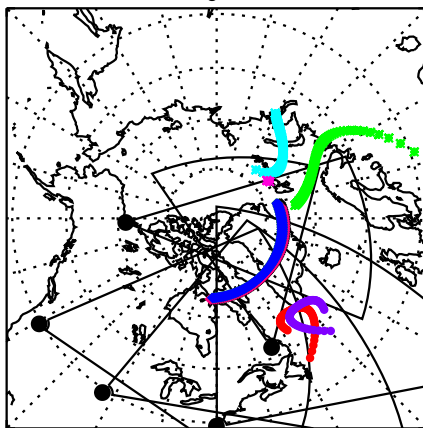
09-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

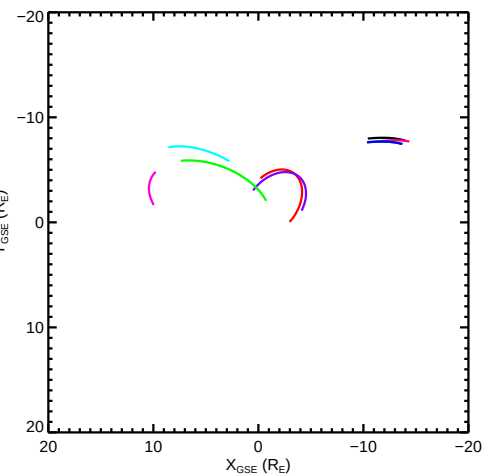
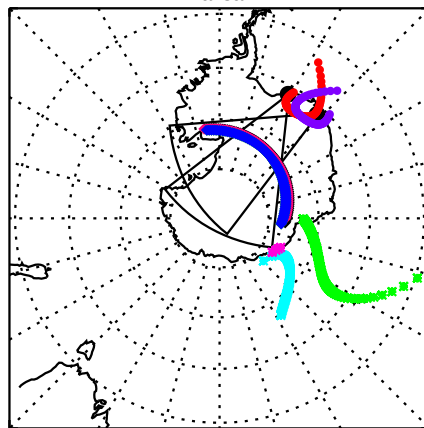
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



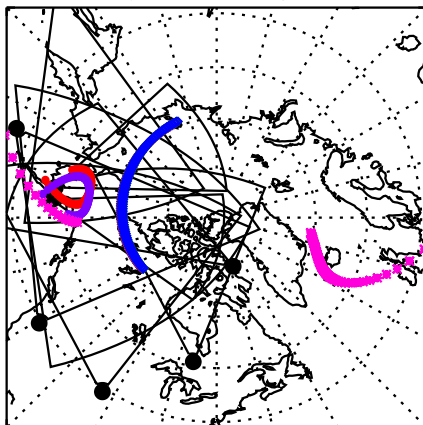
(a) 0230UT to 0835UT
cve the gbr inv wal



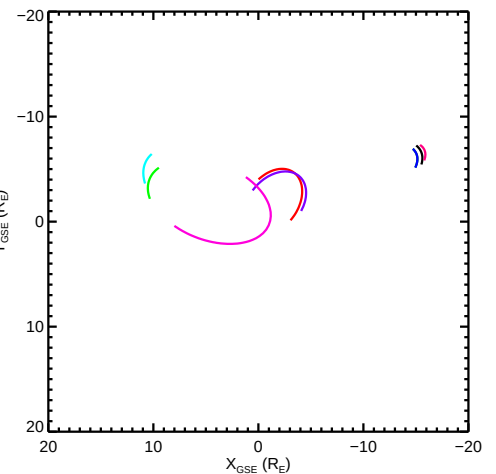
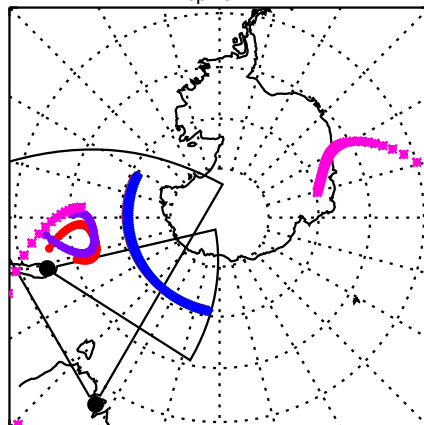
hal san



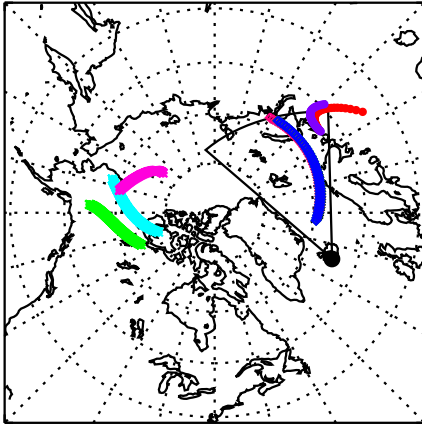
(b) 1130UT to 1740UT
ade cly cwv fhw hok kap kod ksr



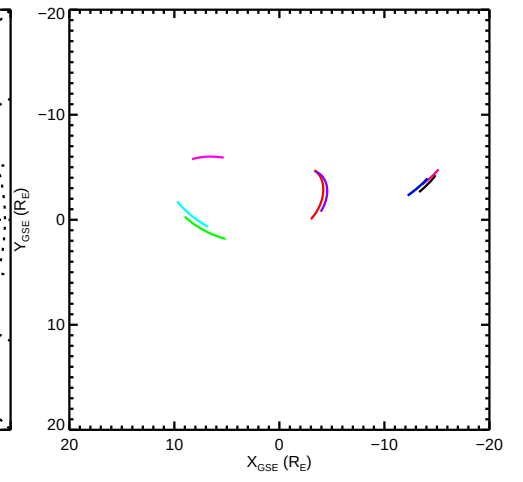
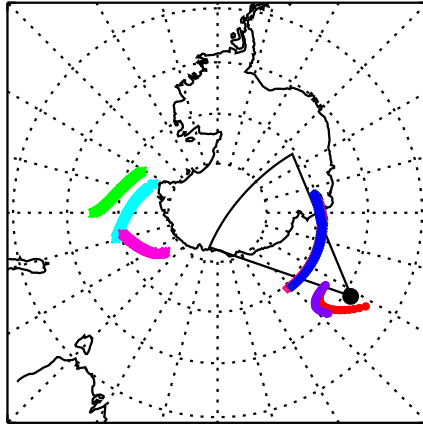
bpk unw



(c) 2025UT to 2355UT
pyk



ker

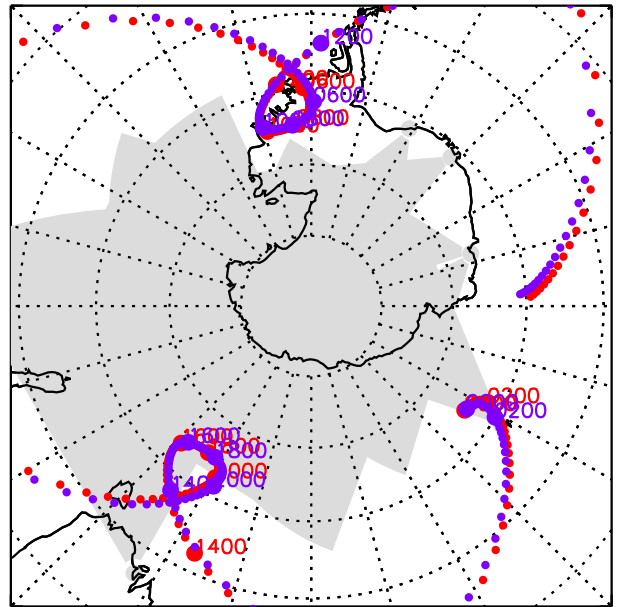
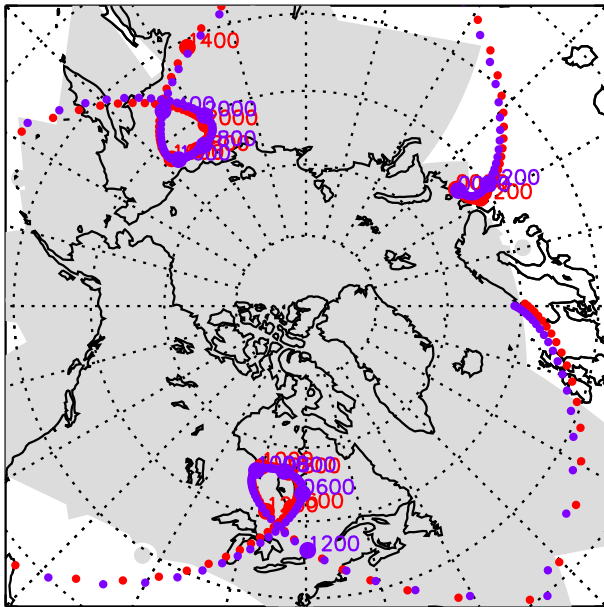


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

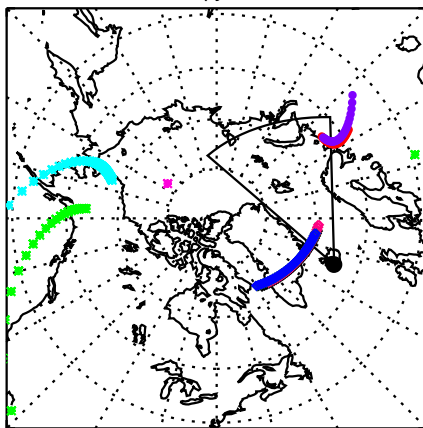
10-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

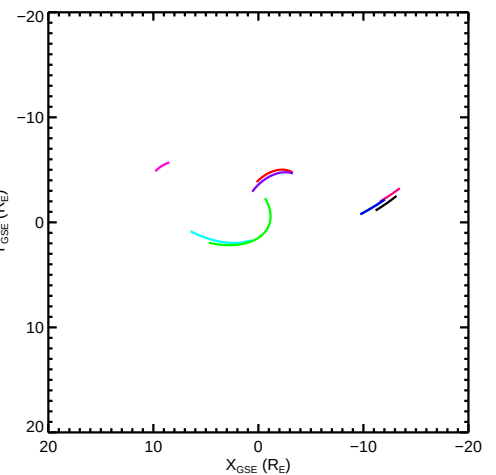
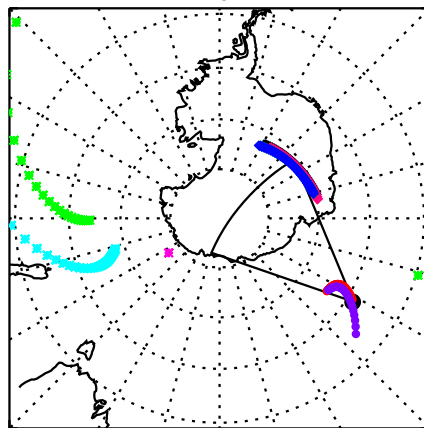
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



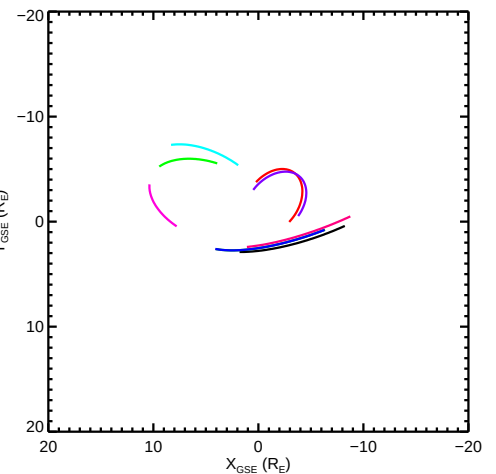
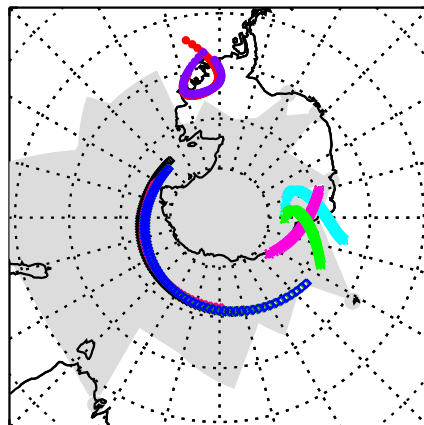
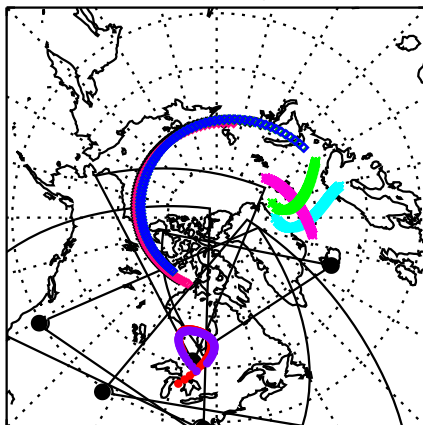
(a) 0000UT to 0245UT
pyk



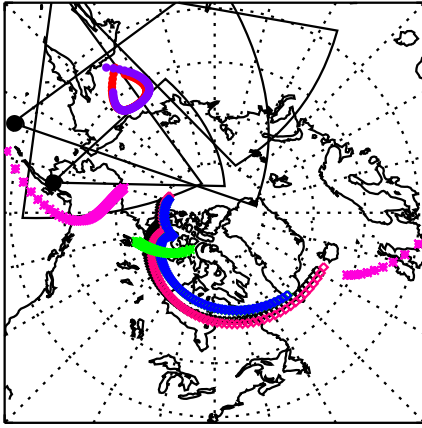
ker



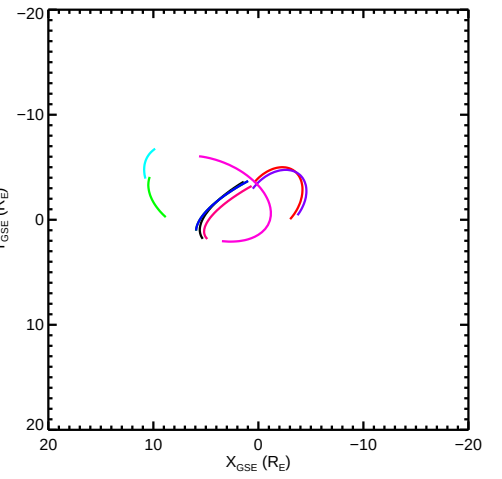
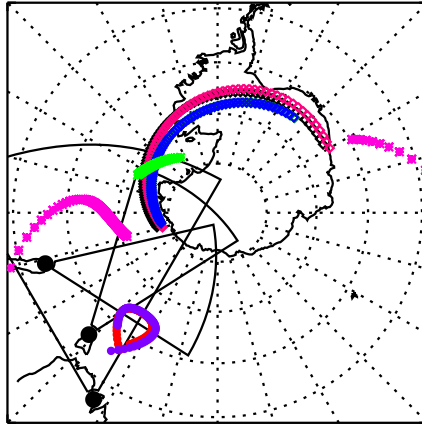
(b) 0520UT to 1145UT
bks cve the kap sto



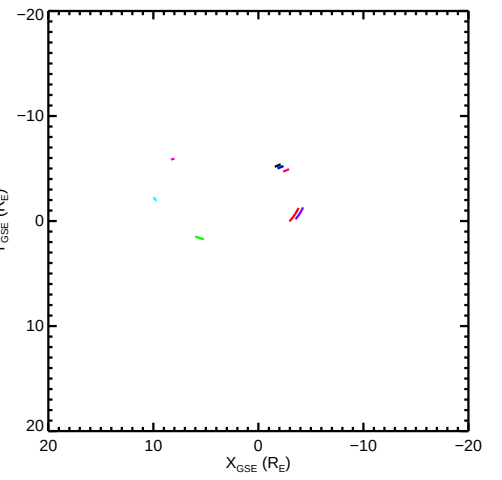
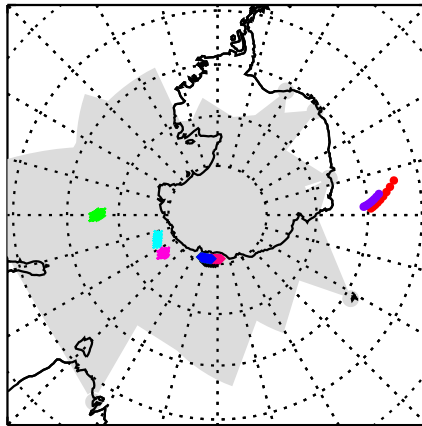
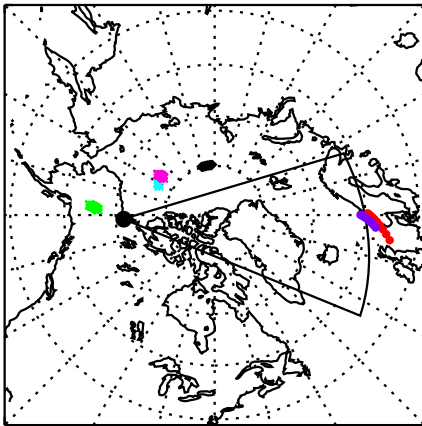
(c) 1420UT to 2050UT
adw hkw hok ksr



bpk tig unw



(d) 2315UT to 2355UT
inv

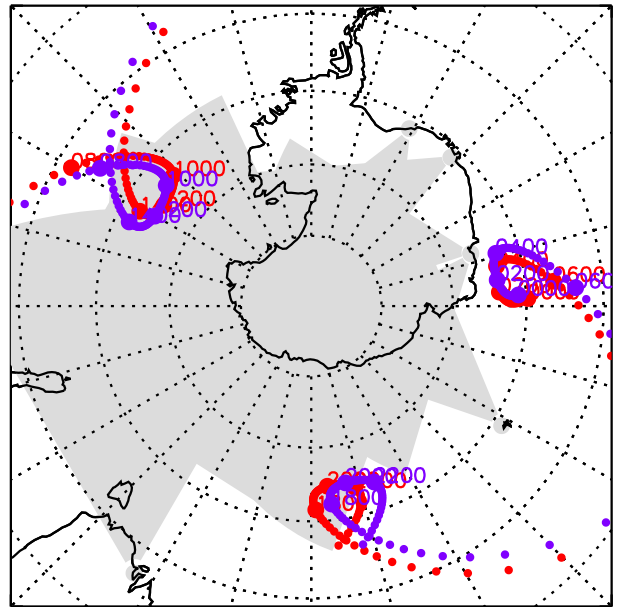
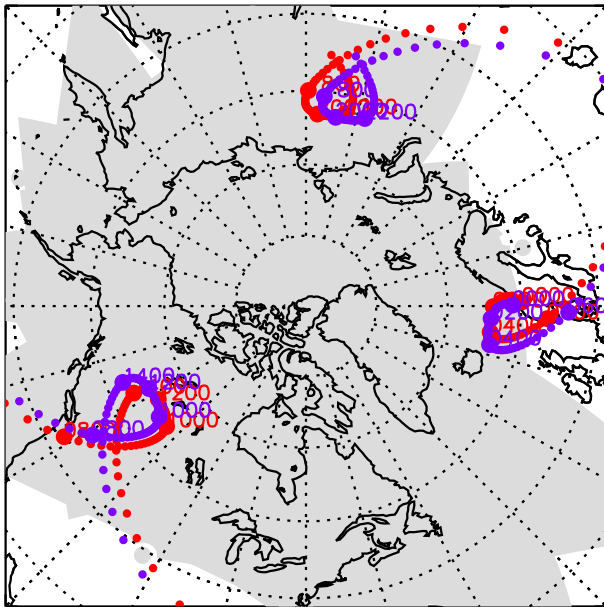


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

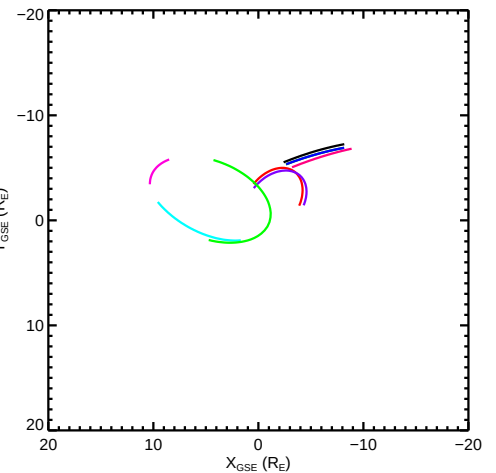
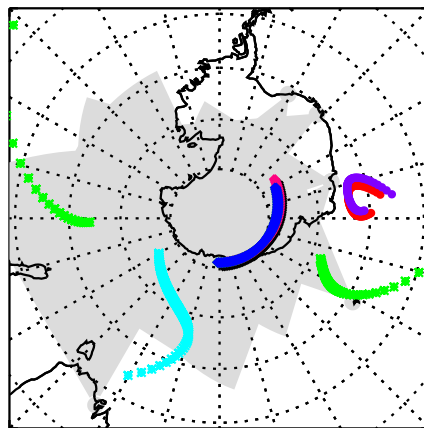
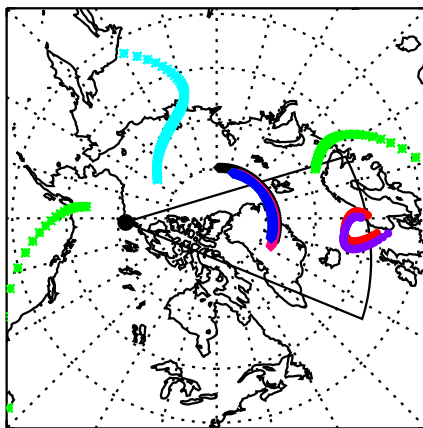
11-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

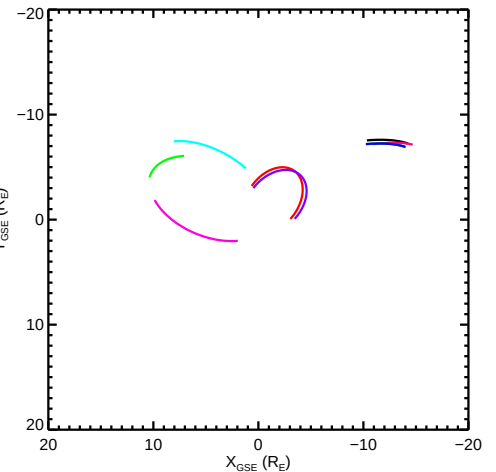
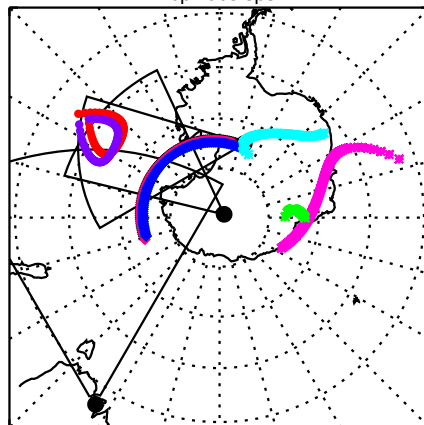
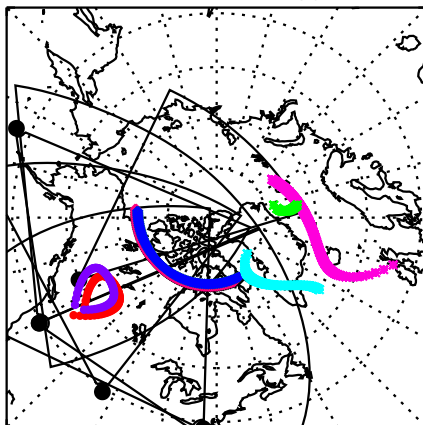
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



(a) 0000UT to 0550UT
inv

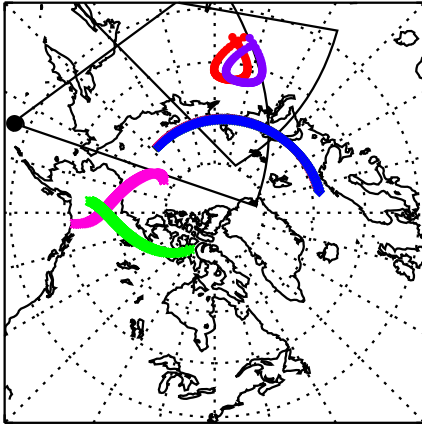


(b) 0815UT to 1455UT
ade bks cve cvw fhw pgr

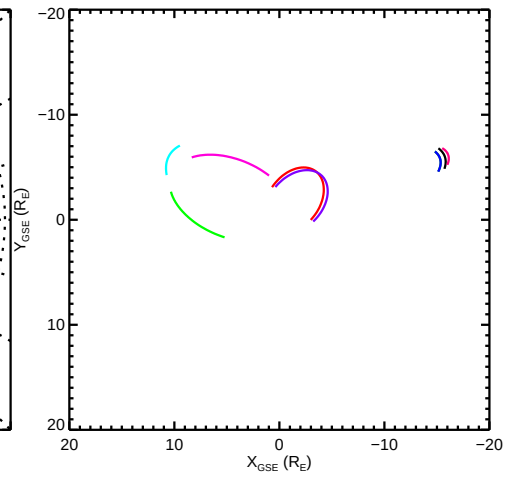
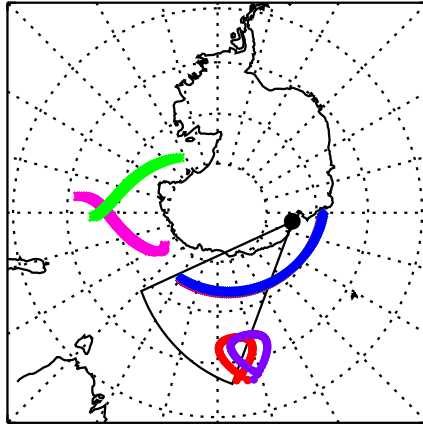


bpk dce sps

(c) 1710UT to 2355UT
adw hkw



zho

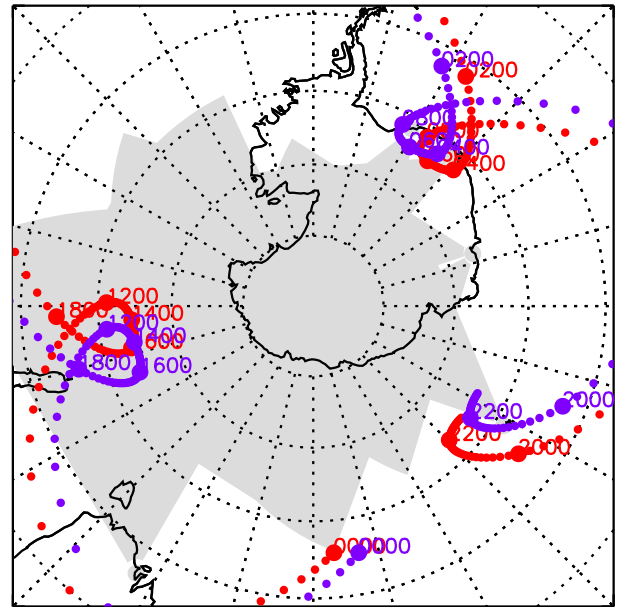
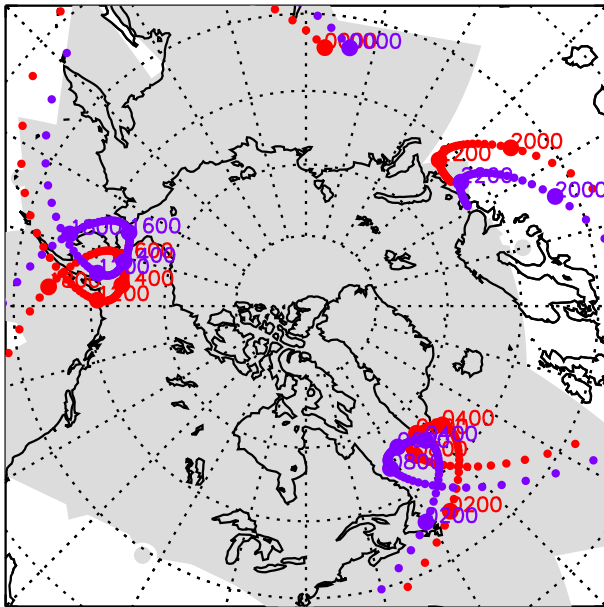


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

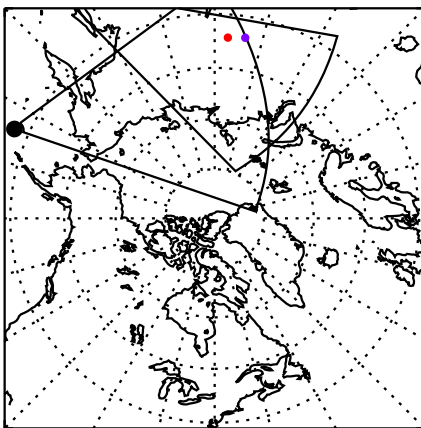
12-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

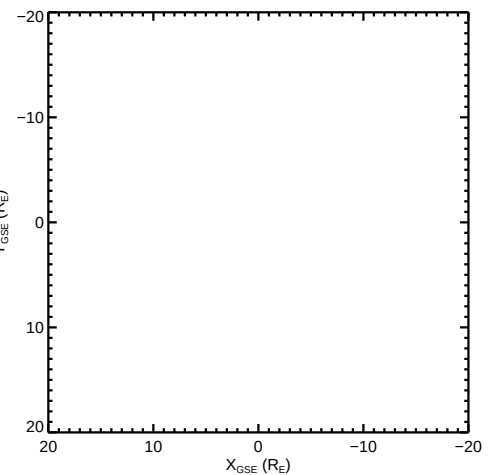
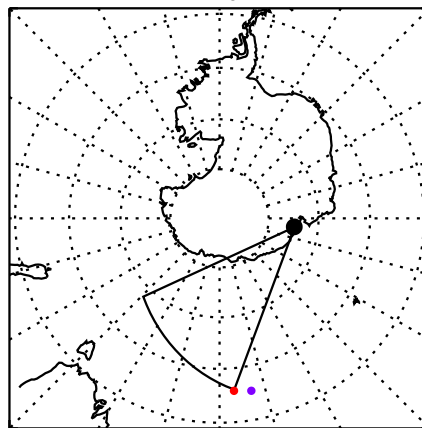
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: C1 C2 C3 C4 THA THD THE



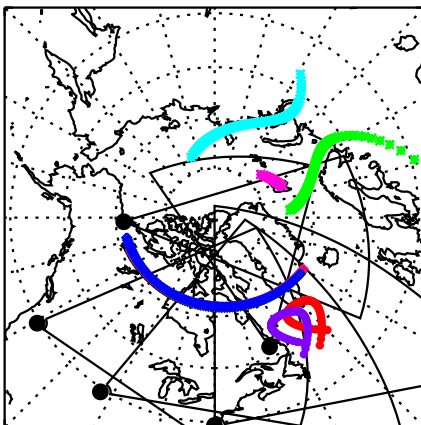
(a) 0000UT to 0000UT
adw hkw



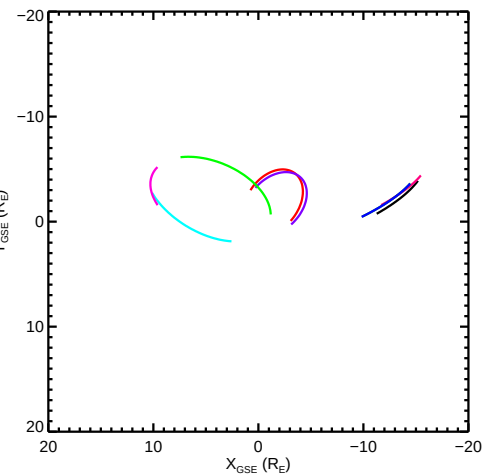
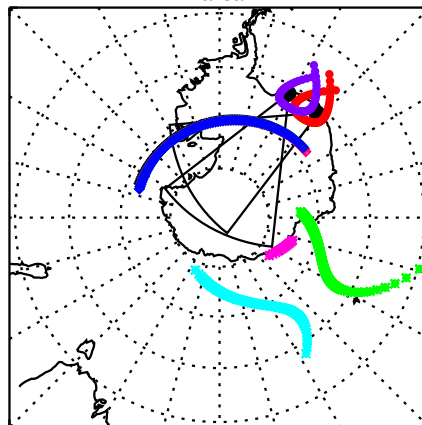
zho



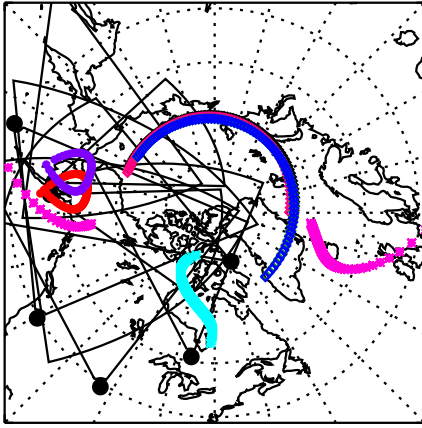
(b) 0210UT to 0855UT
cve fhe gbr inv wal



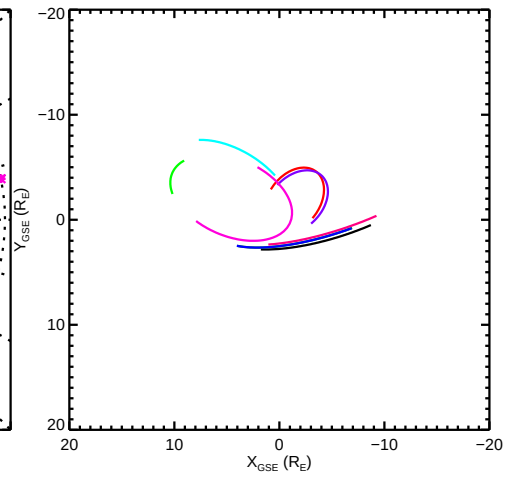
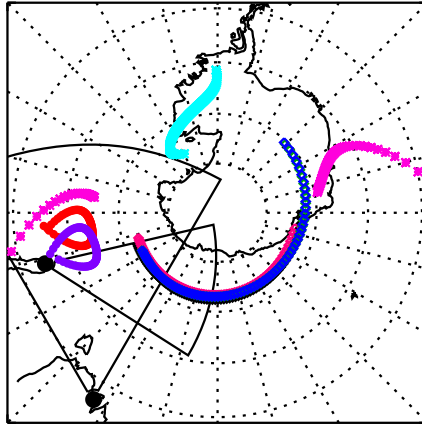
hal san



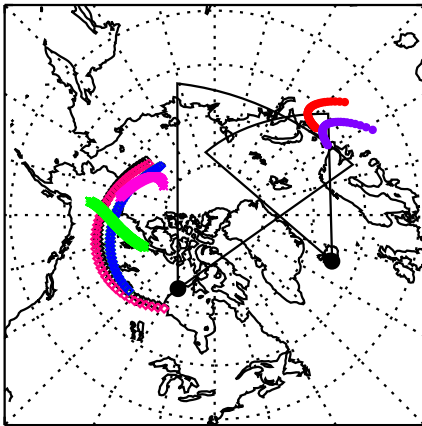
(c) 1110UT to 1755UT
ade cly cww fhw hok kap kod ksr



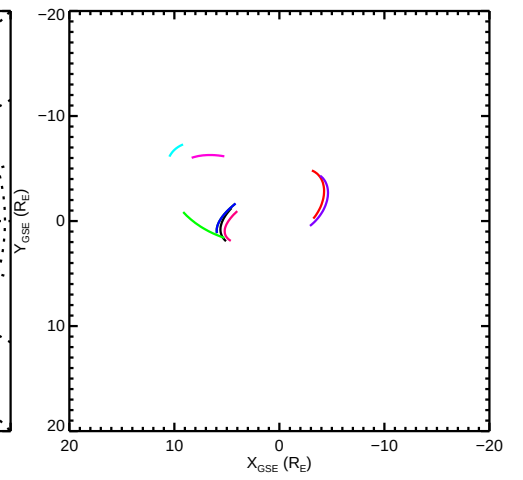
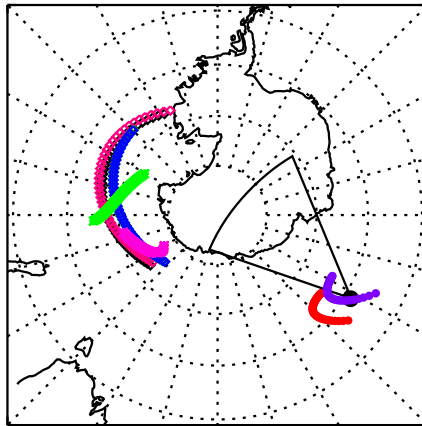
bpk unw



(d) 2010UT to 2355UT
pyk rkn



ker

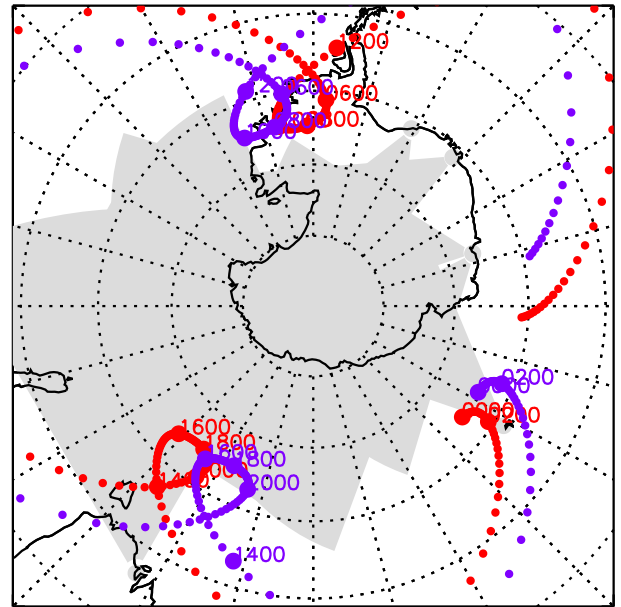
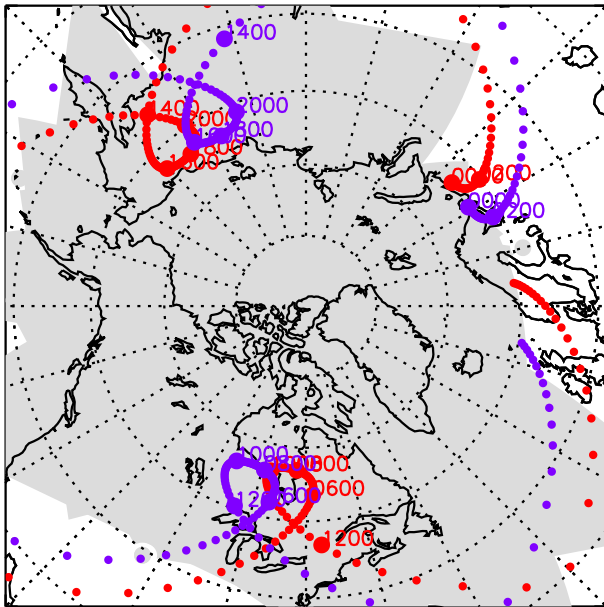


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

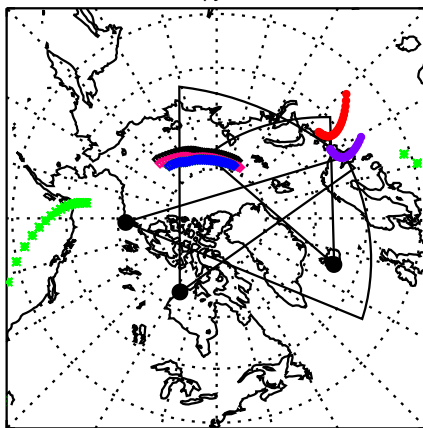
13-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

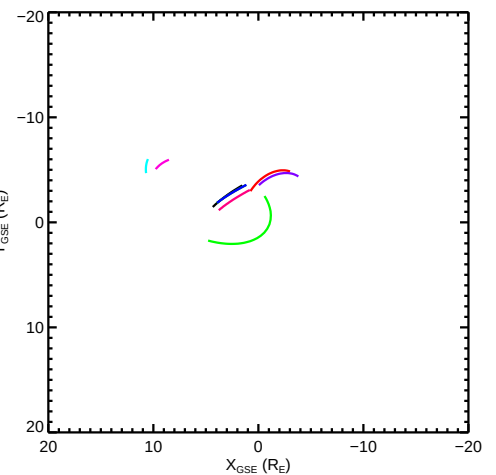
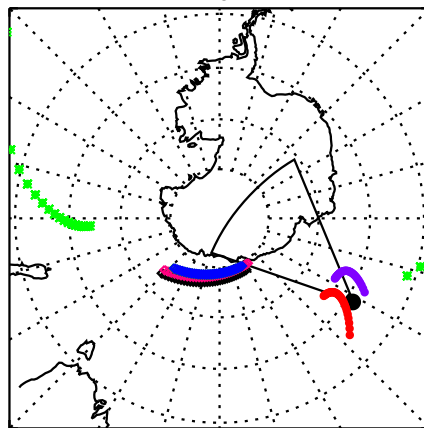
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



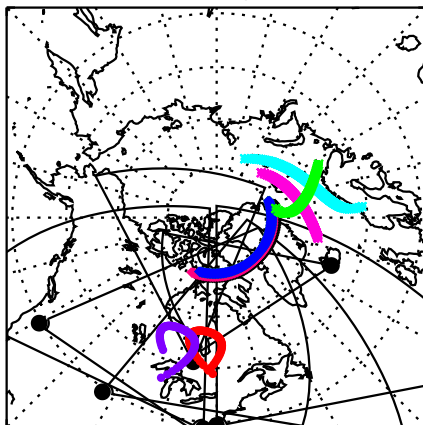
(a) 0000UT to 0250UT
inv pyk rkn



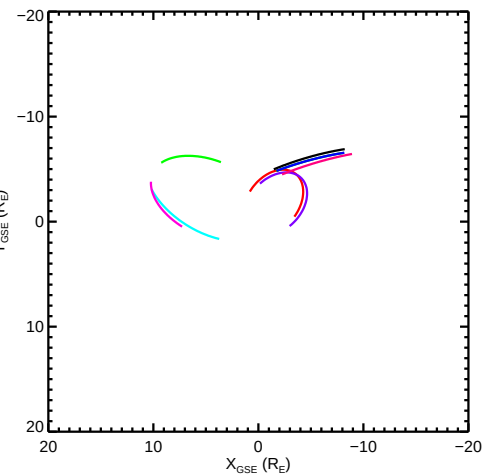
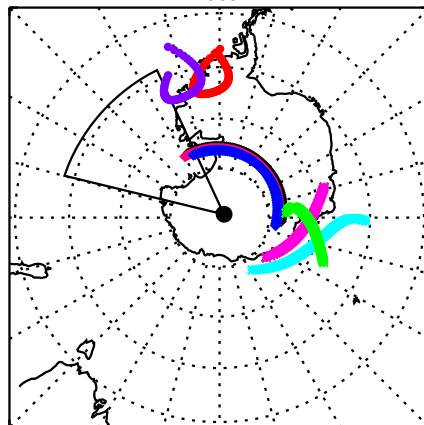
ker



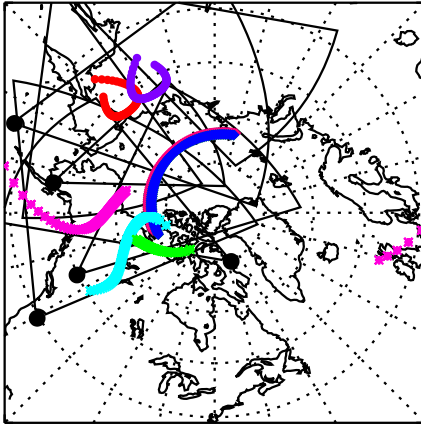
(b) 0515UT to 1150UT
bks cve the kap sto wal



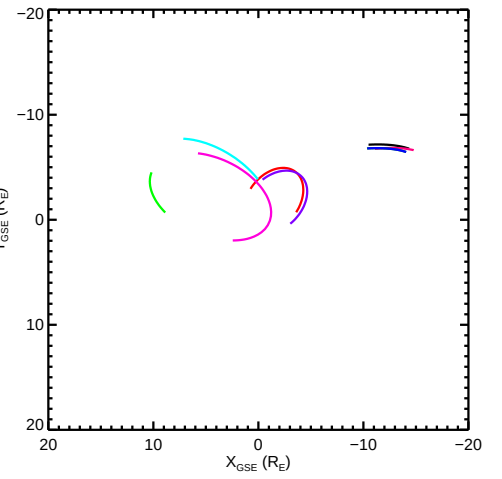
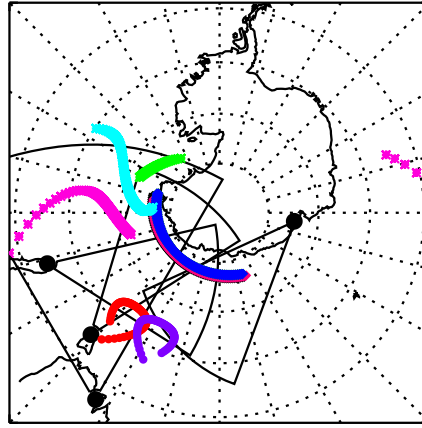
dce



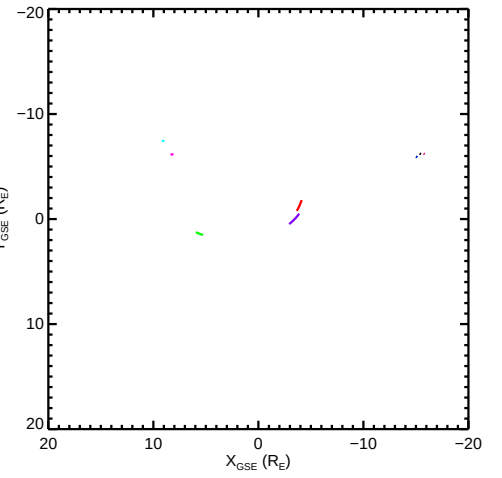
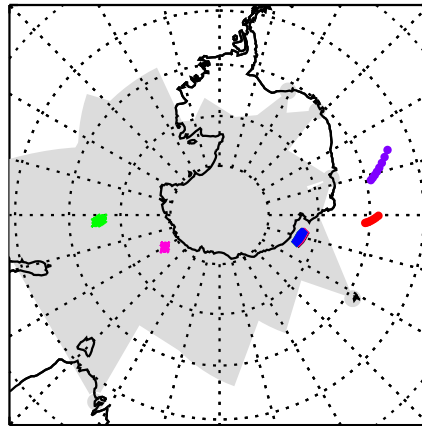
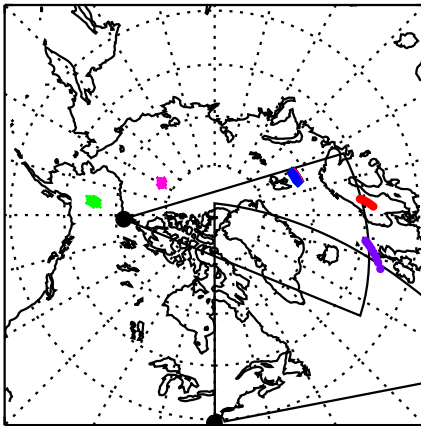
(c) 1420UT to 2045UT
adw cly cvw hkw hok ksr pgr



bpk tig unw zho



(d) 2320UT to 2355UT
inv wal

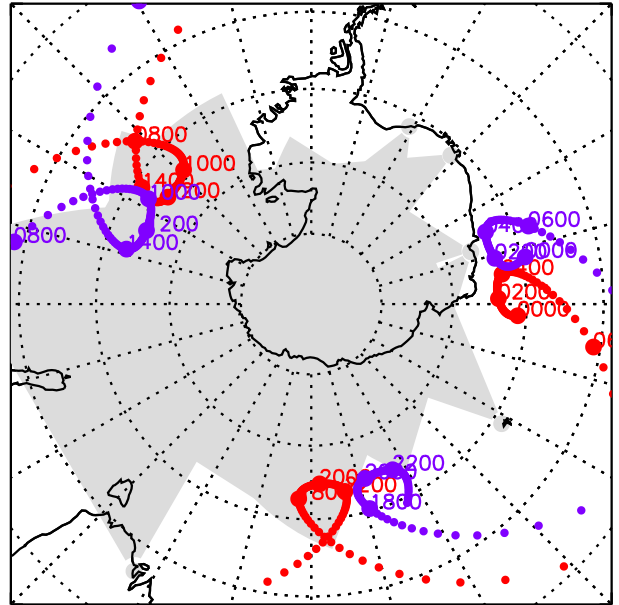
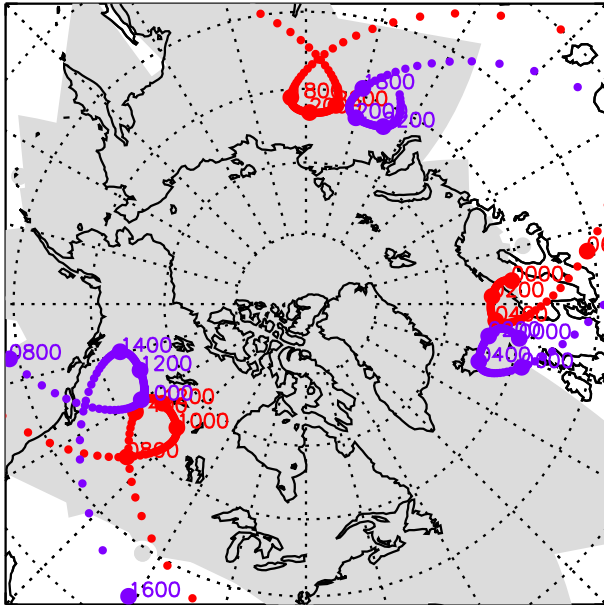


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

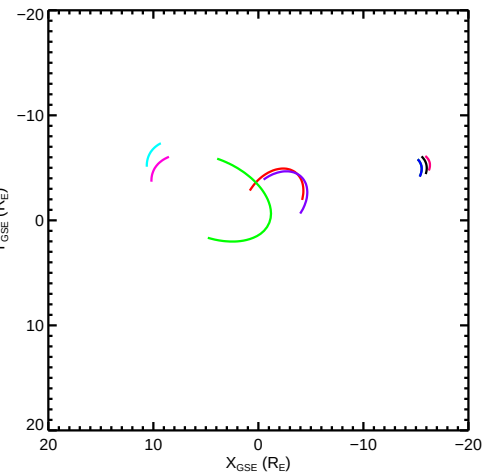
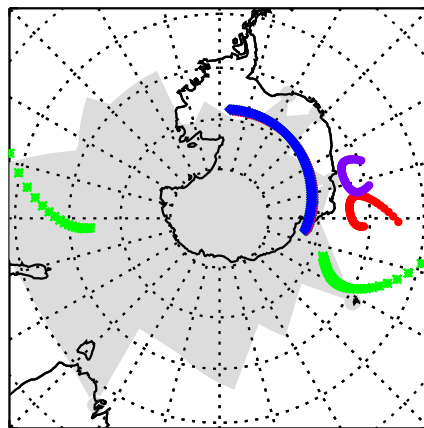
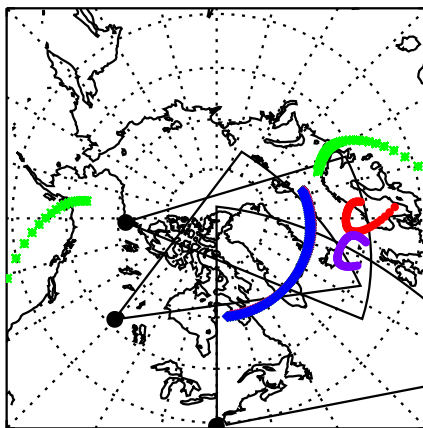
14-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

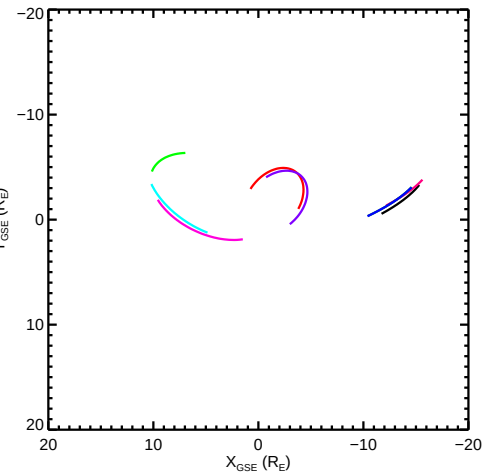
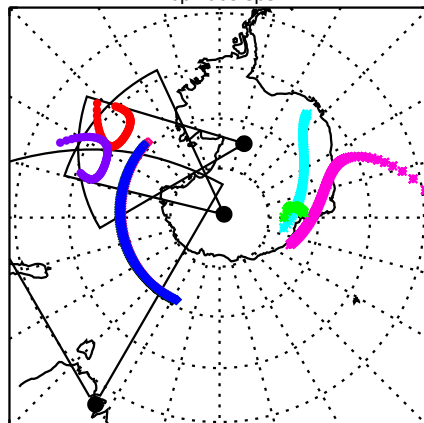
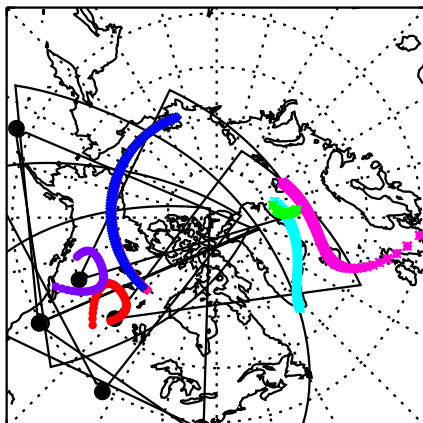
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



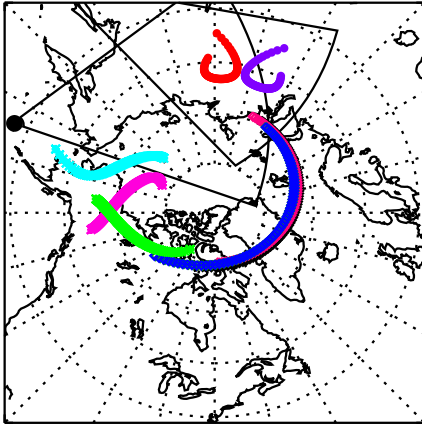
(a) 0000UT to 0545UT
inv sas wal



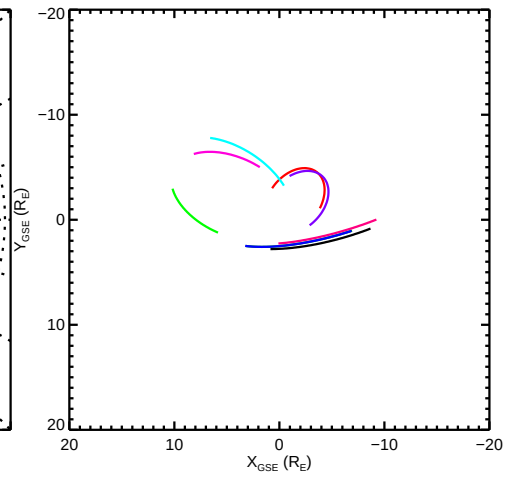
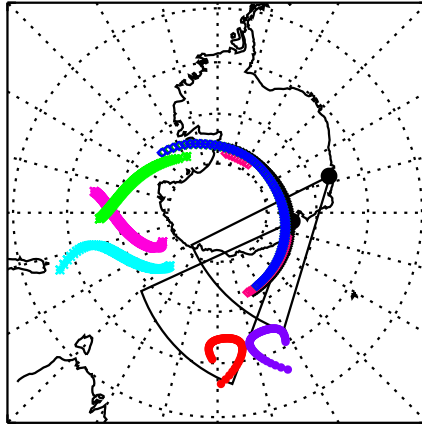
(b) 0825UT to 1440UT
ade bks cve cvw fhw pgr sas



(c) 1725UT to 2335UT
adw hkw



syd zho

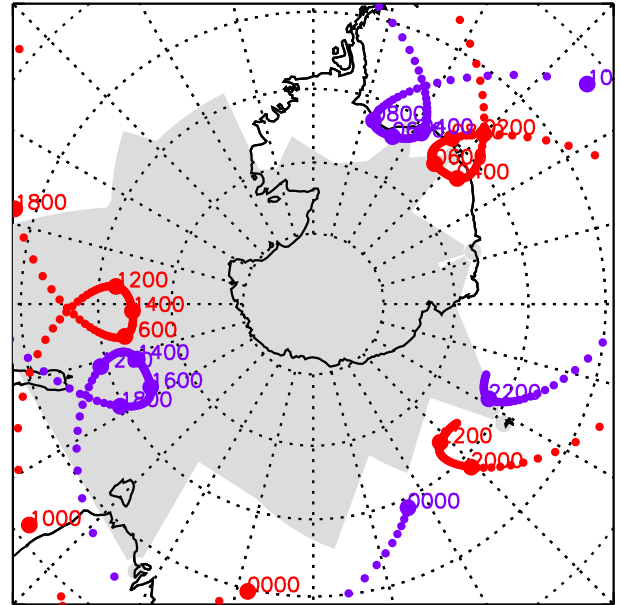
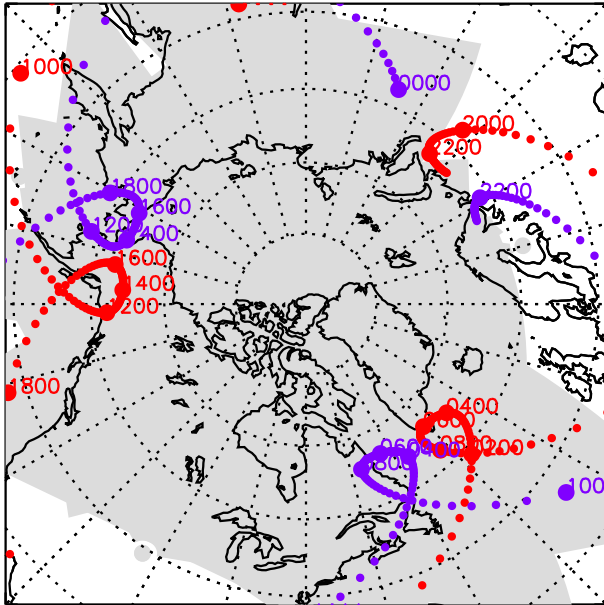


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

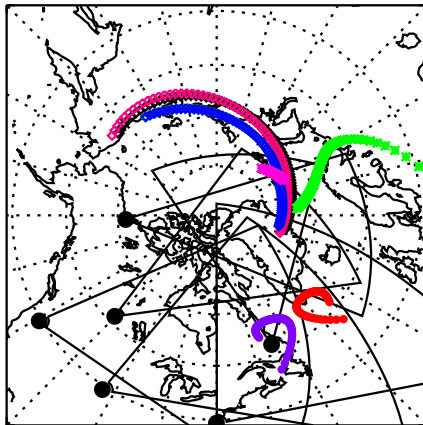
15-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

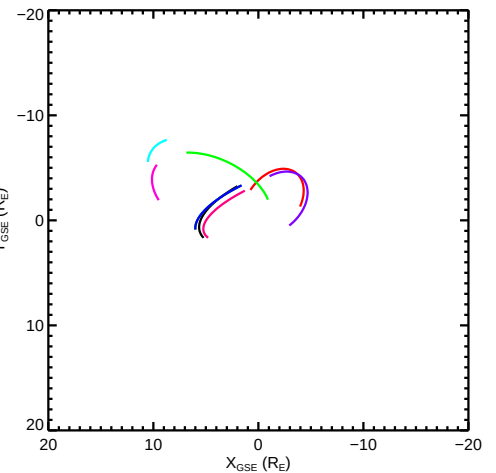
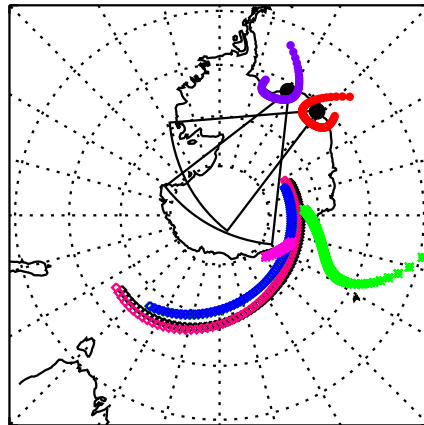
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



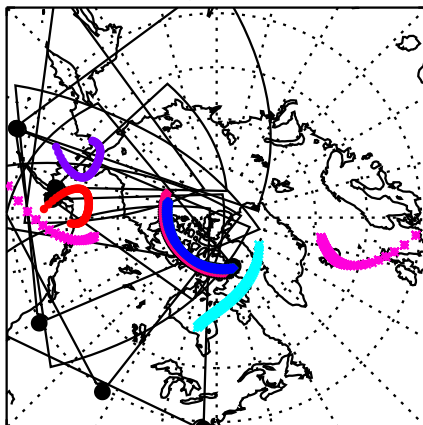
(a) 0230UT to 0835UT
cve the gbr inv sas wal



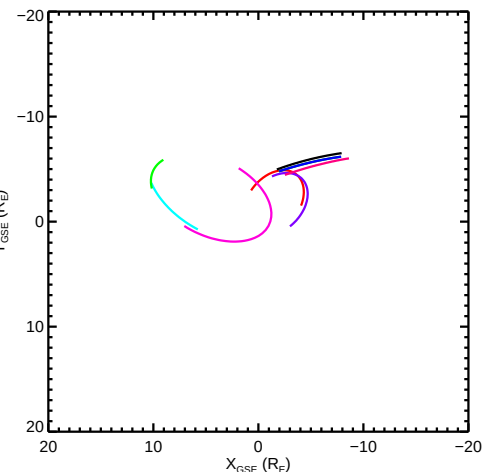
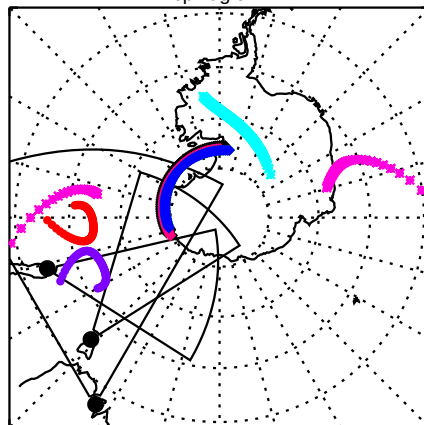
hal san



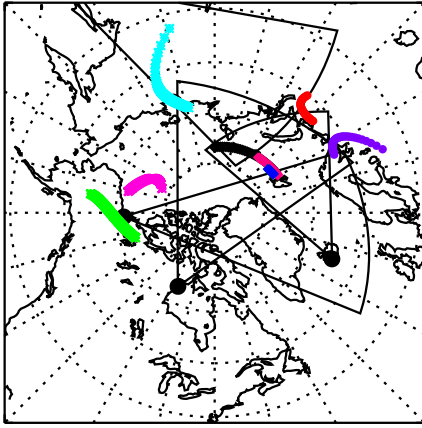
(b) 1135UT to 1730UT
ade adw bks cly cvw fhw hok kod ksr



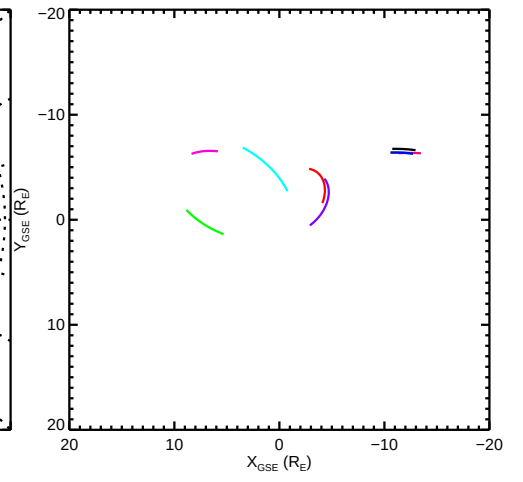
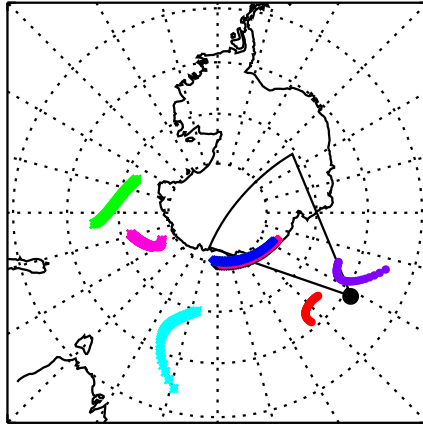
bpk tig unw



(c) 2035UT to 2355UT
hkw inv pyk rkn



ker

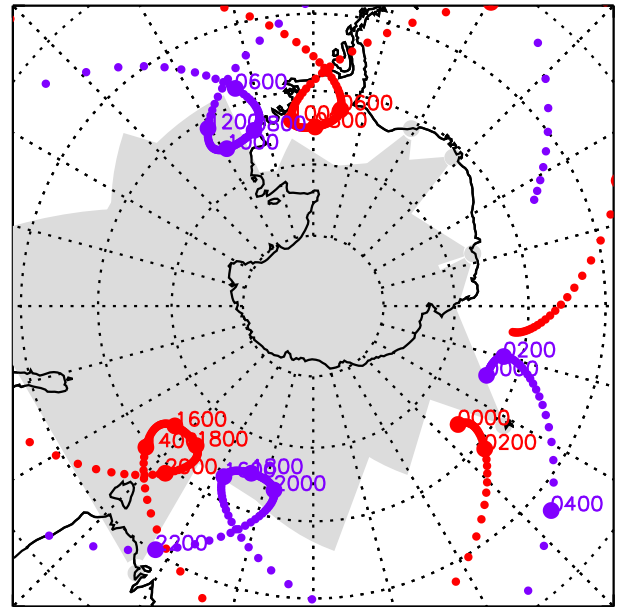
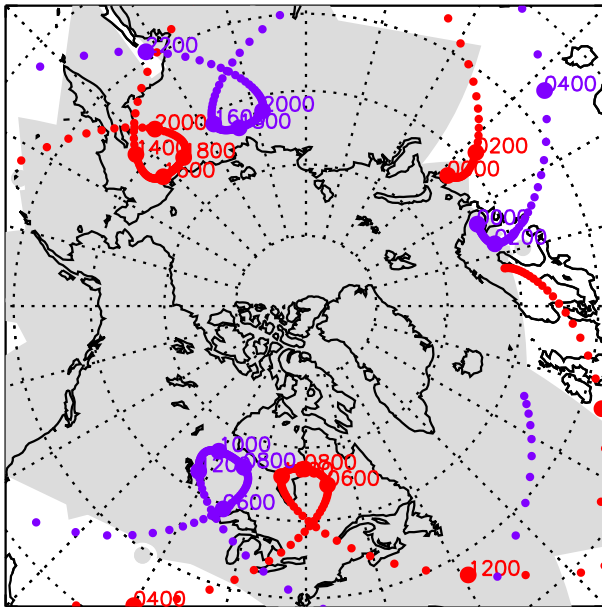


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

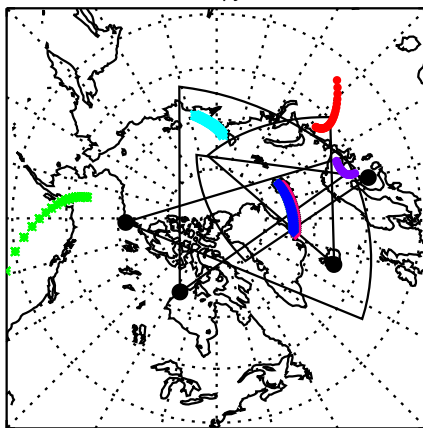
16-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

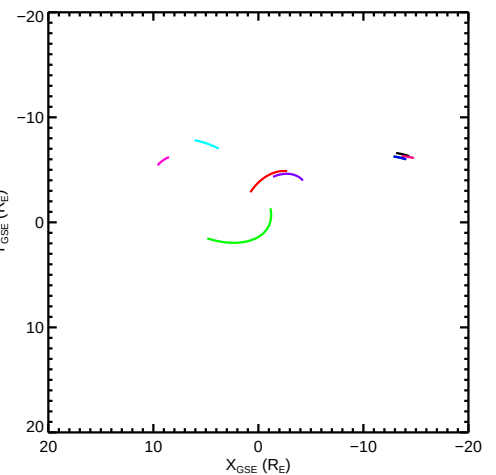
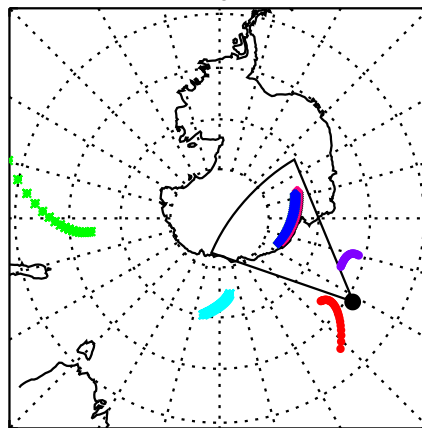
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



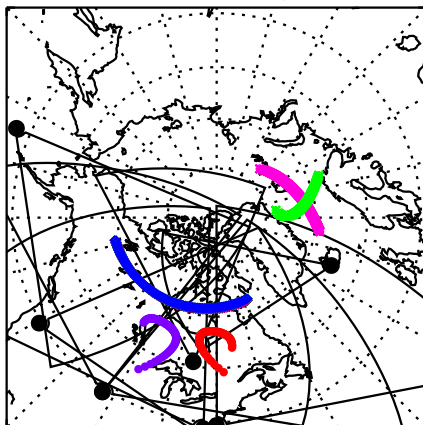
(a) 0000UT to 0230UT
han inv pyk rkn



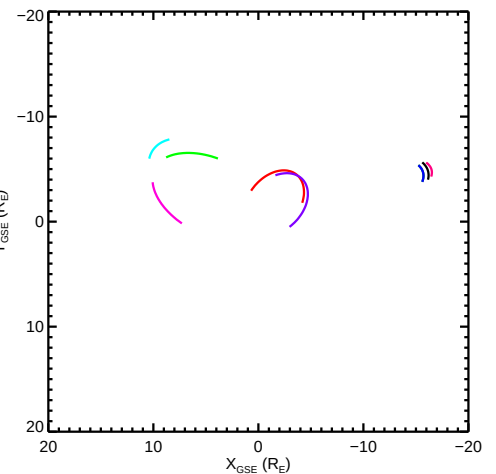
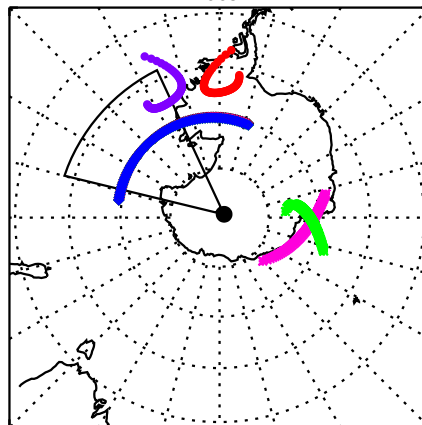
ker



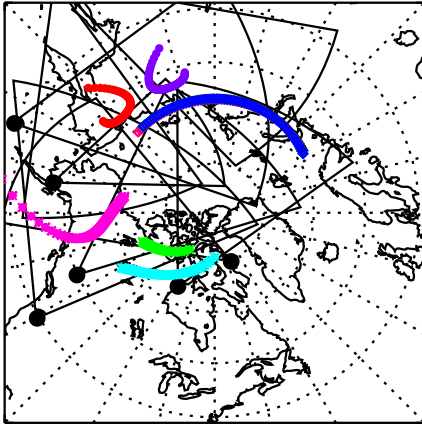
(b) 0540UT to 1125UT
ade bks cve the fhw kap sto wal



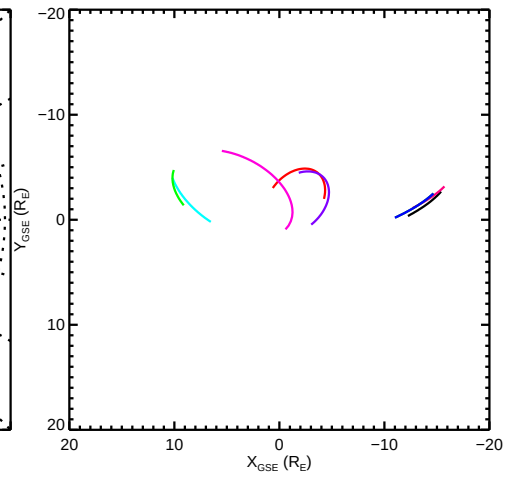
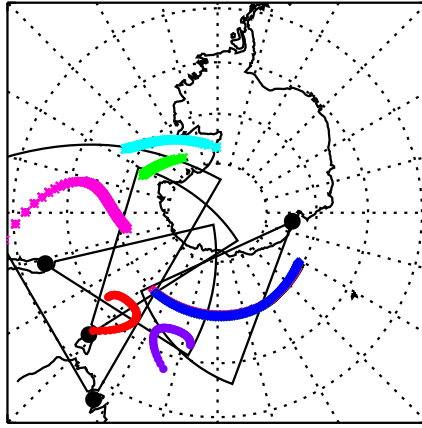
dce



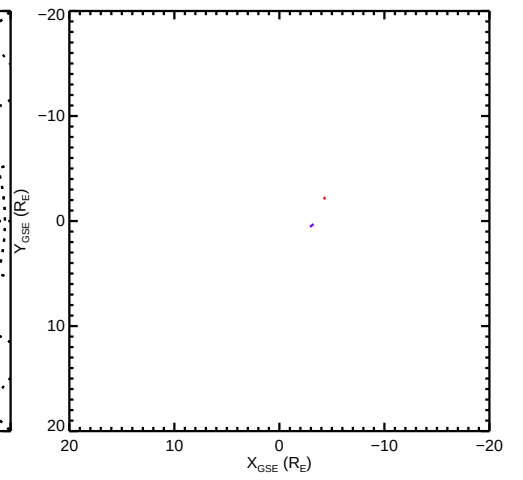
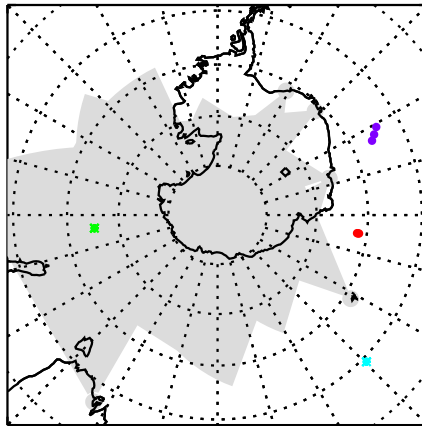
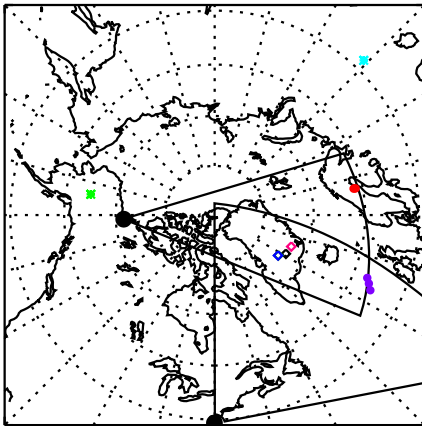
(c) 1445UT to 2020UT
adw cly cvw hkw hok ksr pgr rkn



bpk tig unw zho



(d) 2345UT to 2355UT
inv wal

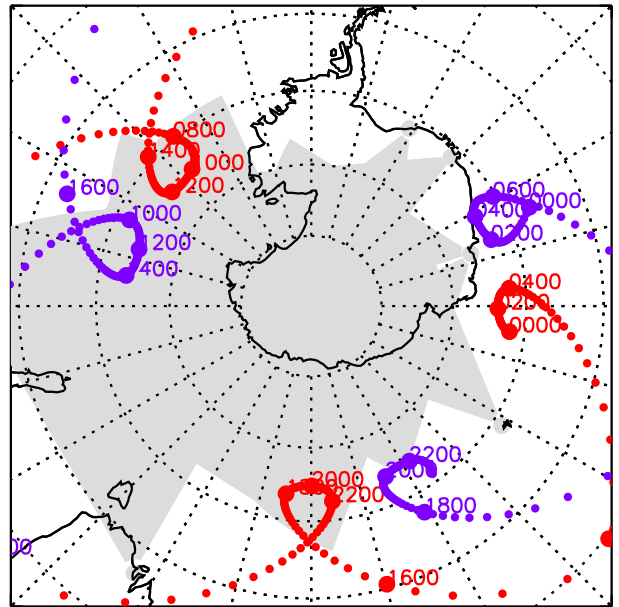
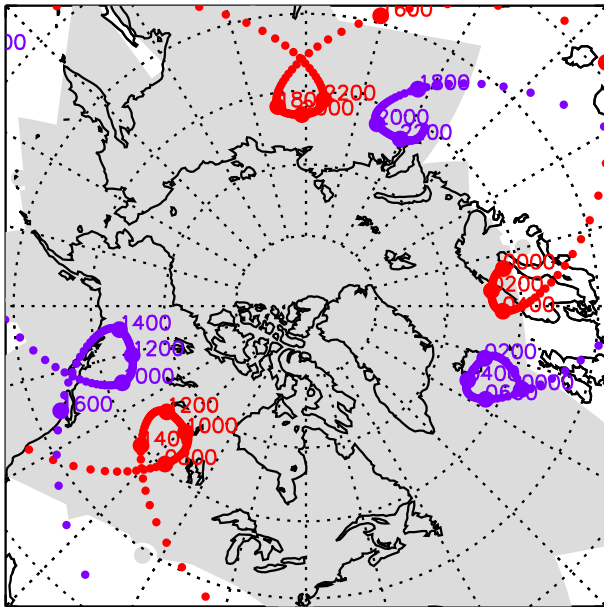


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

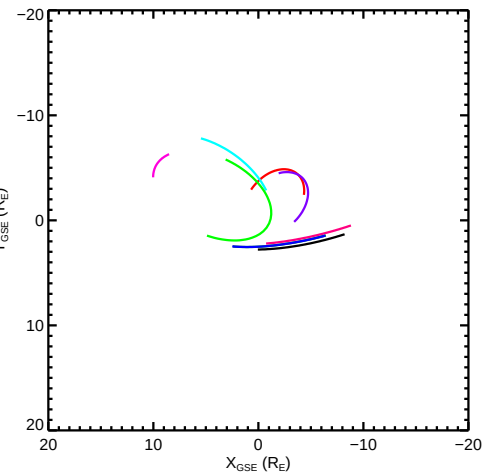
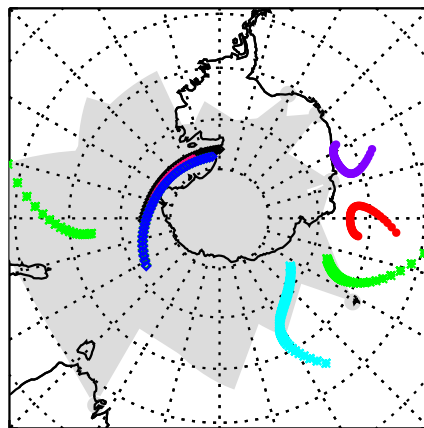
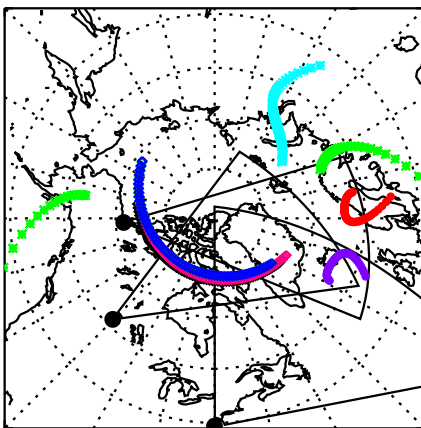
17-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

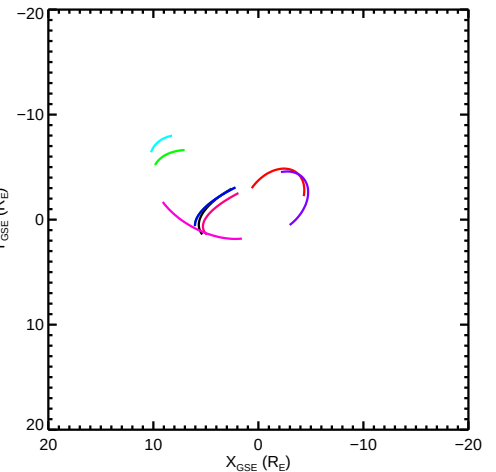
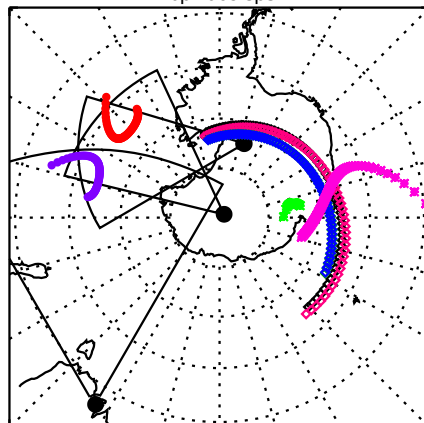
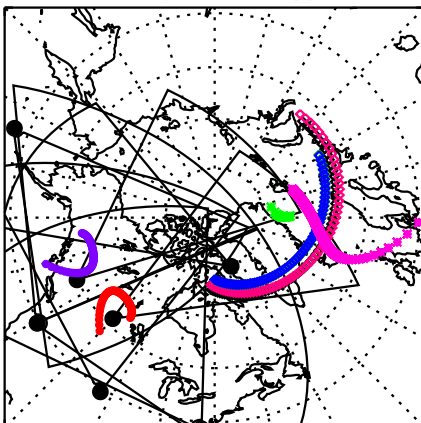
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



(a) 0000UT to 0520UT
inv sas wal

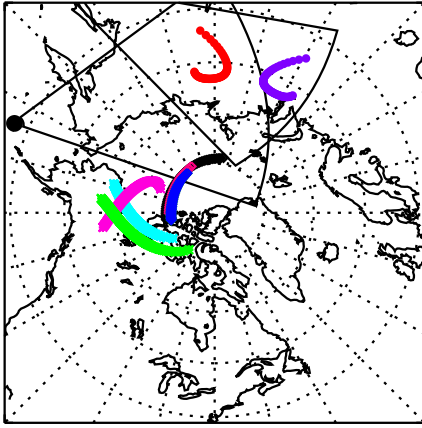


(b) 0850UT to 1415UT
ade bks cly cve cvw fhw pgr sas

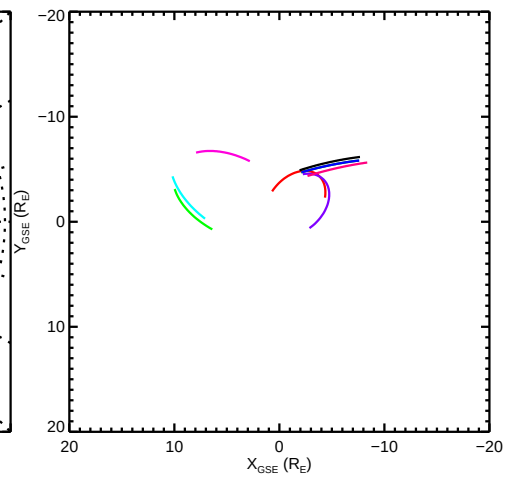
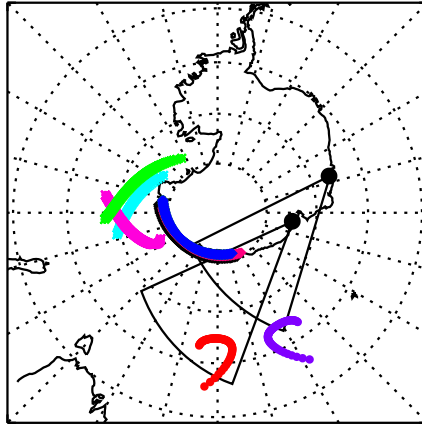


bpk dce sps

(c) 1750UT to 2315UT
adw hkw



sye zho

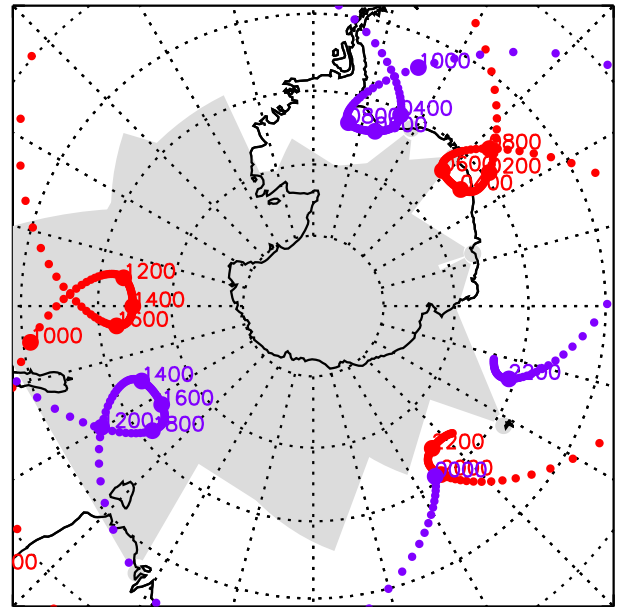
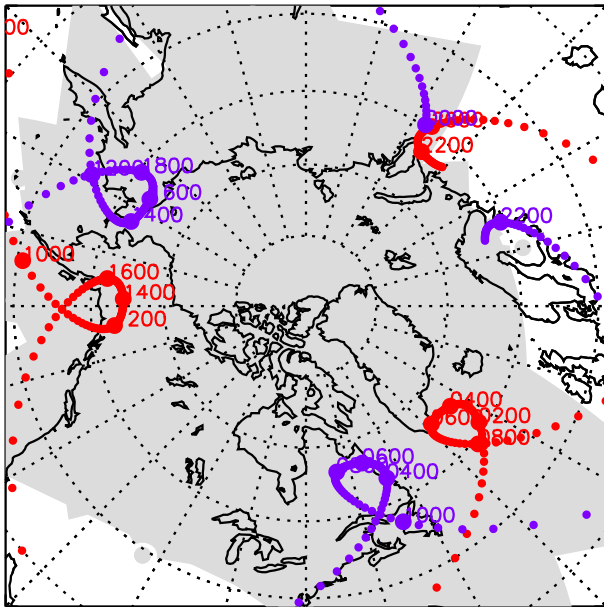


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

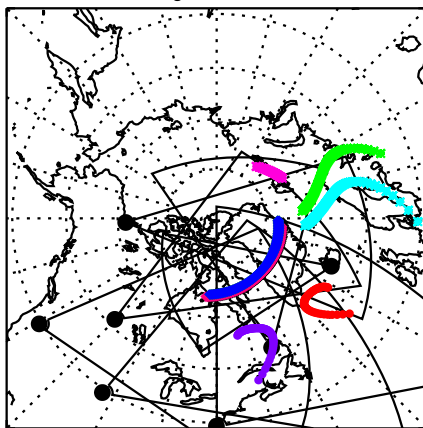
18-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

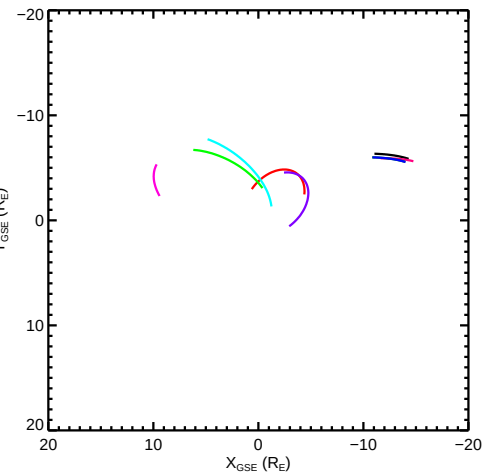
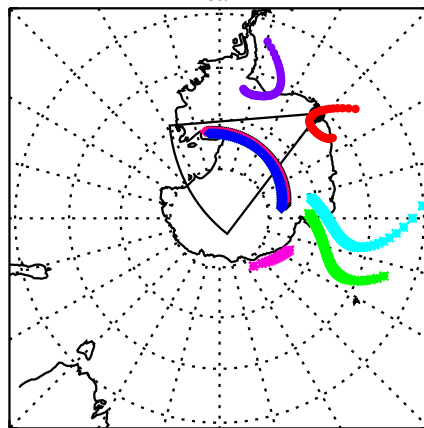
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



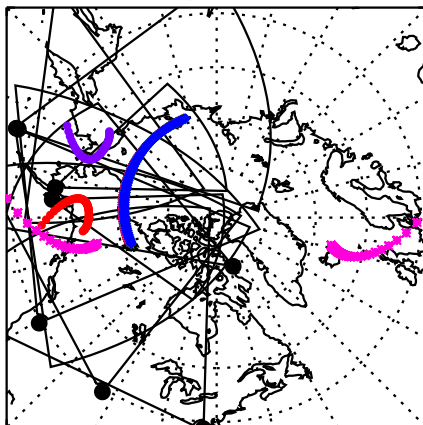
(a) 0255UT to 0810UT
cve the gbr inv sas sto wal



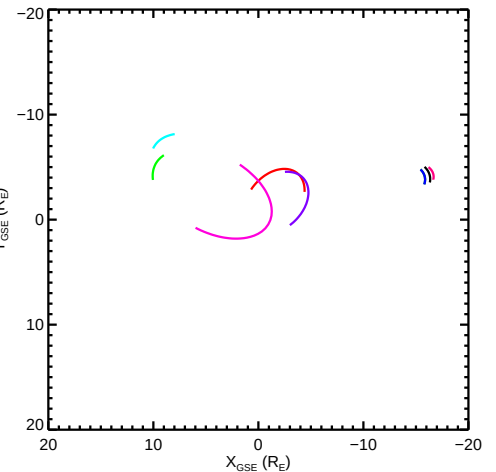
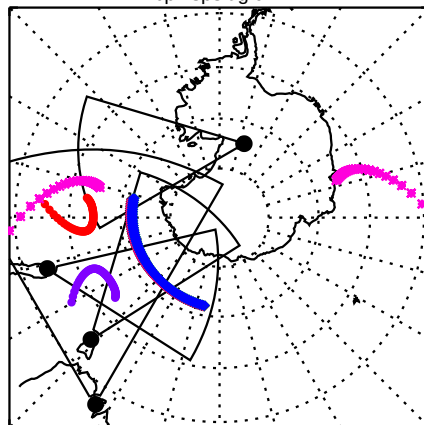
san



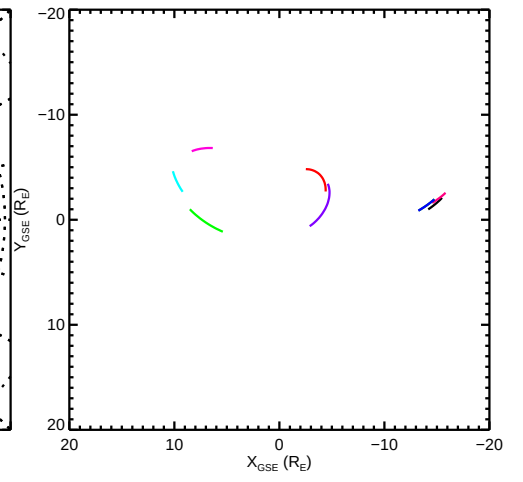
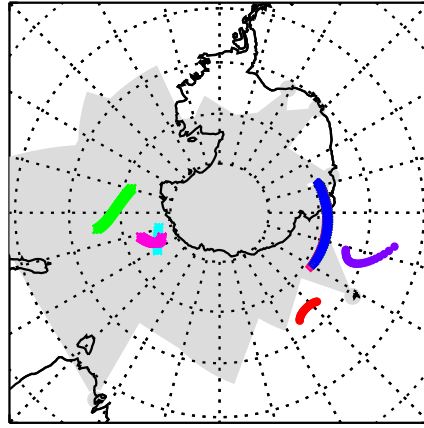
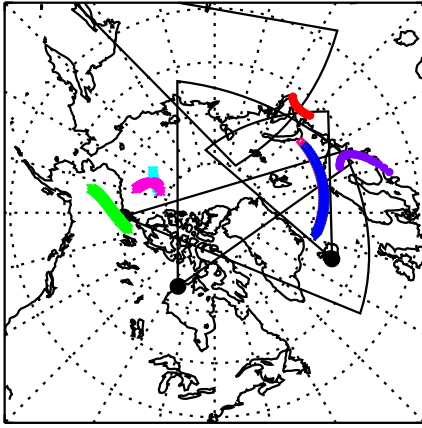
(b) 1200UT to 1710UT
ade adw bks cly cvw fhw hok kod ksr



bpk sps tig unw



(c) 2100UT to 2355UT
hkw inv pyk rkn

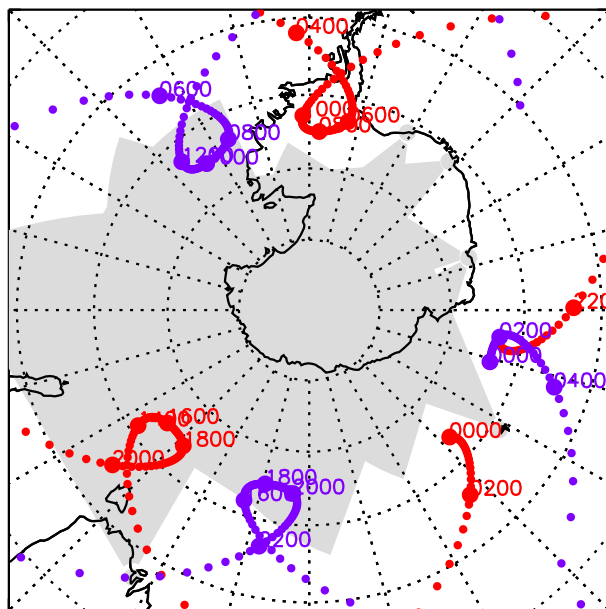
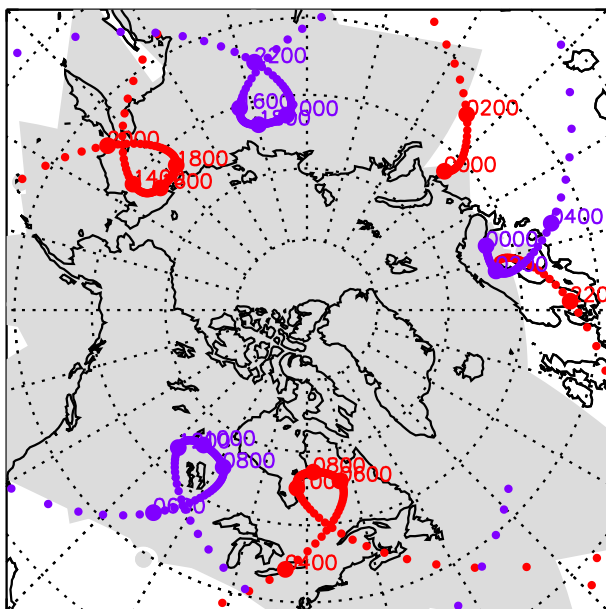


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

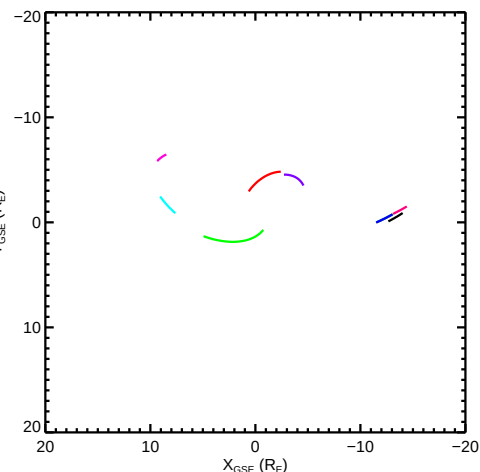
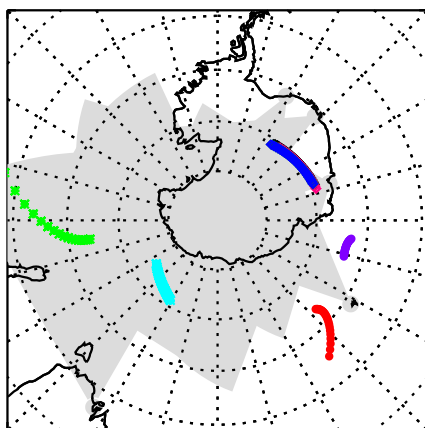
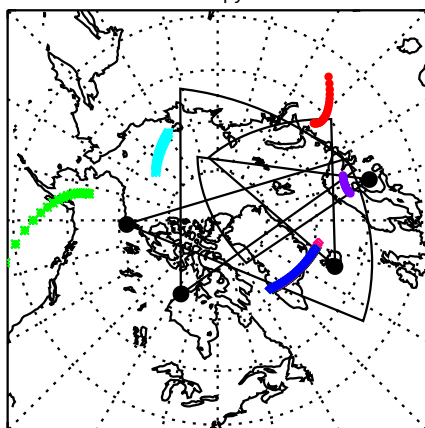
19-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

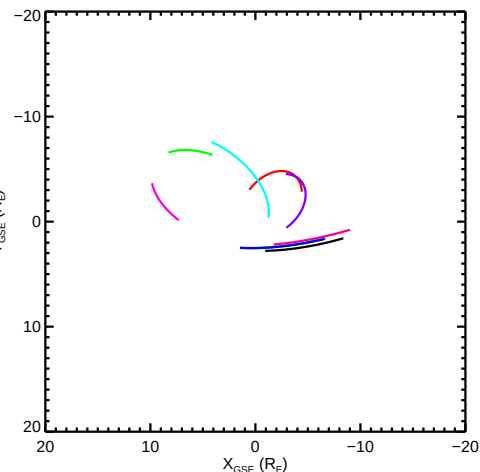
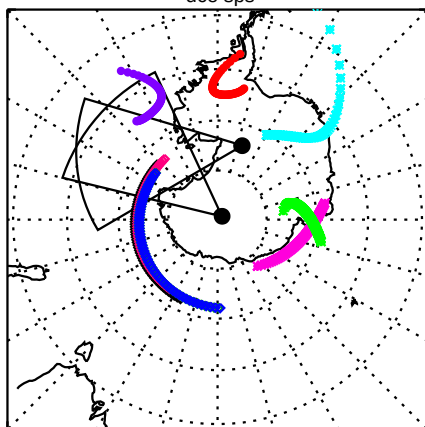
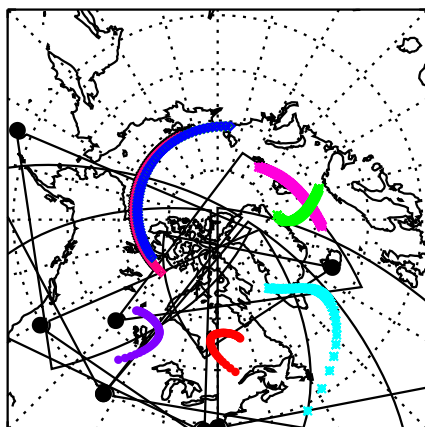
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



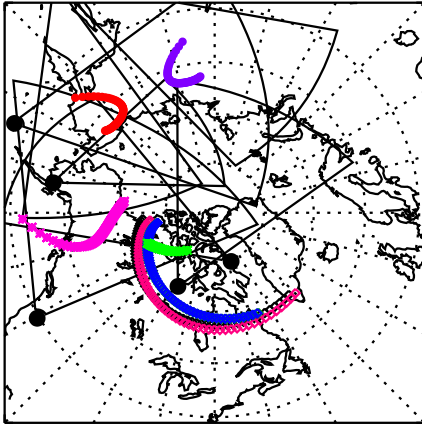
(a) 0000UT to 0205UT
han inv pyk rkn



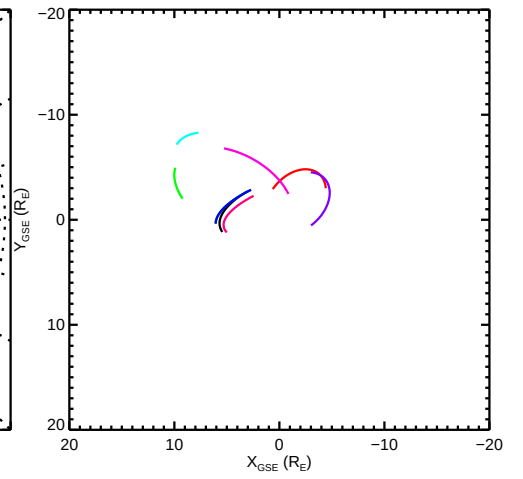
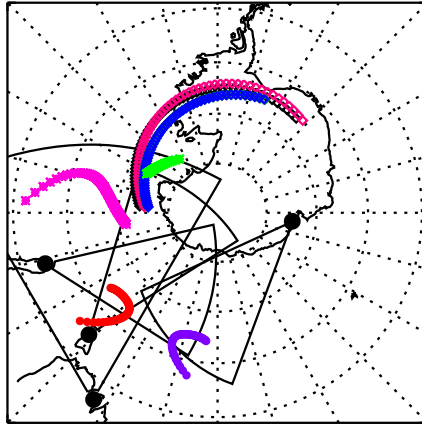
(b) 0605UT to 1100UT
ade bks cve fne fhw sas sto wal



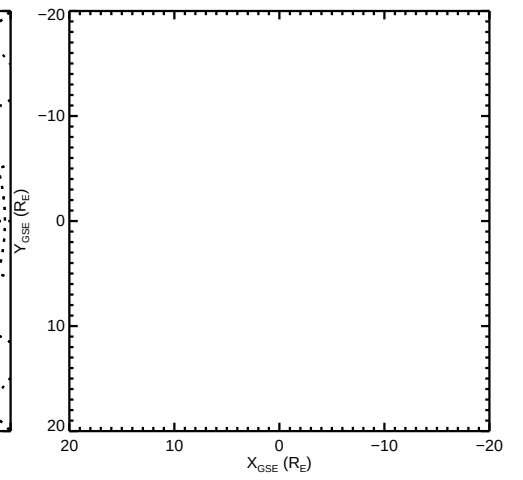
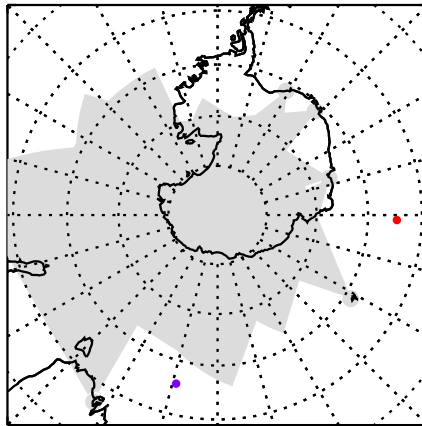
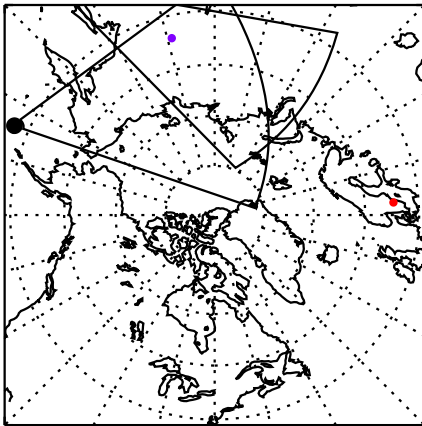
(c) 1510UT to 2000UT
adw cly cww hkw hok ksr rkn



bpk tig unw zho



(d) 2205UT to 2205UT
adw hkw

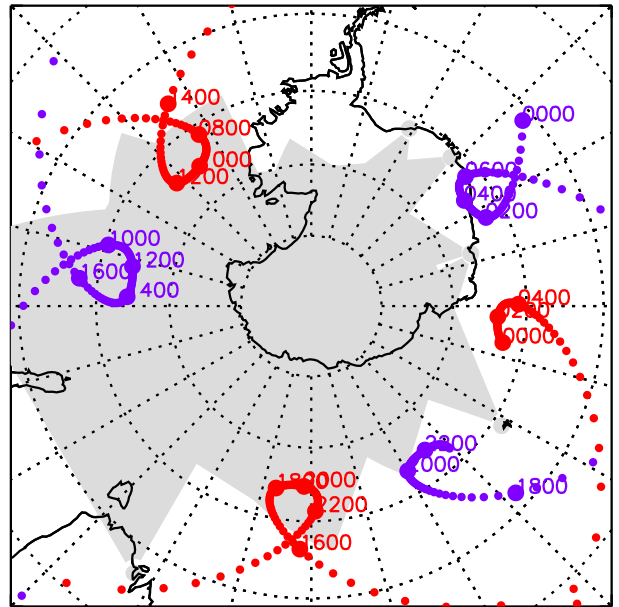
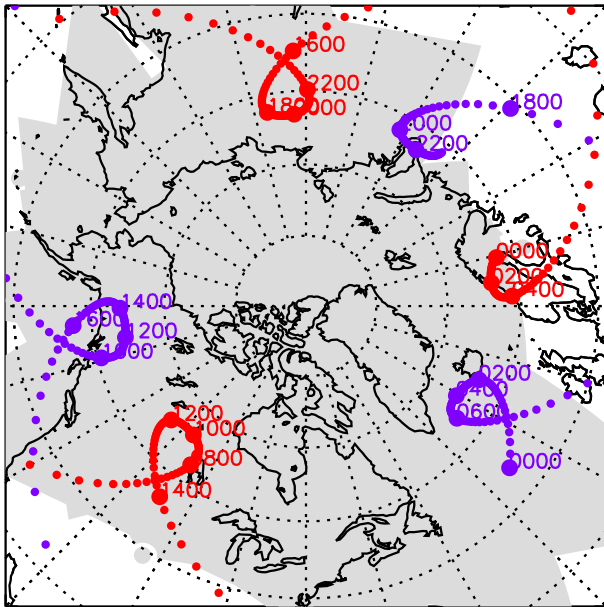


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

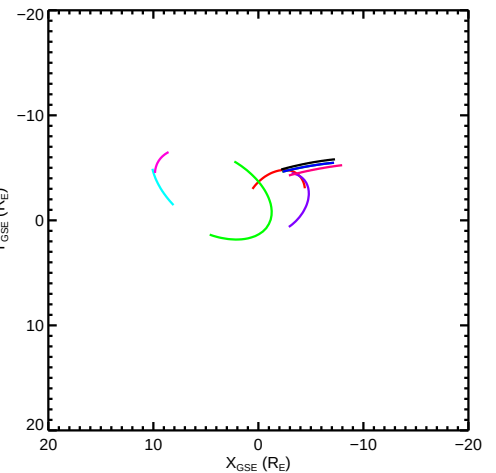
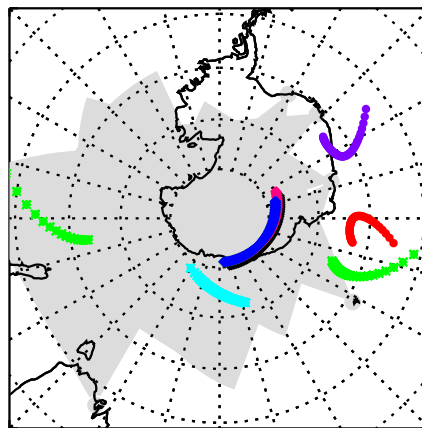
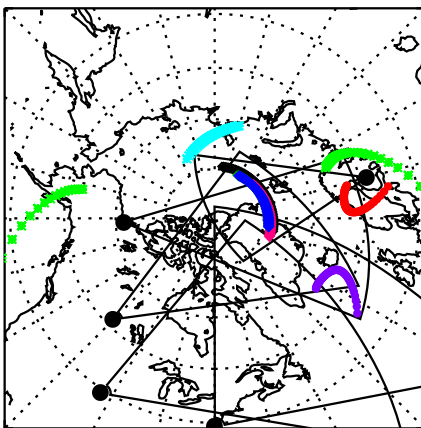
20-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

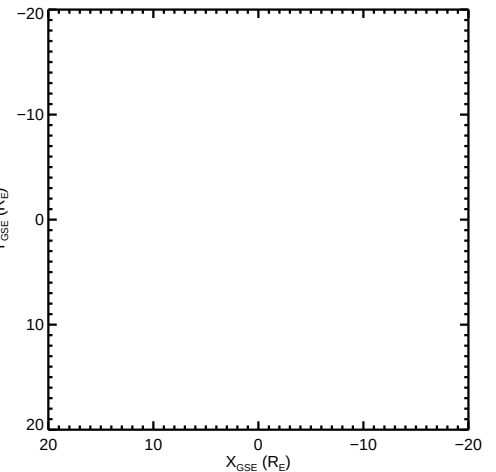
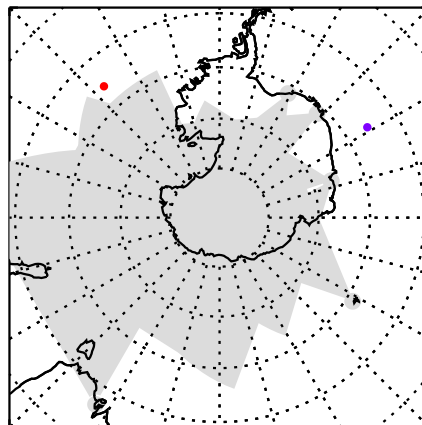
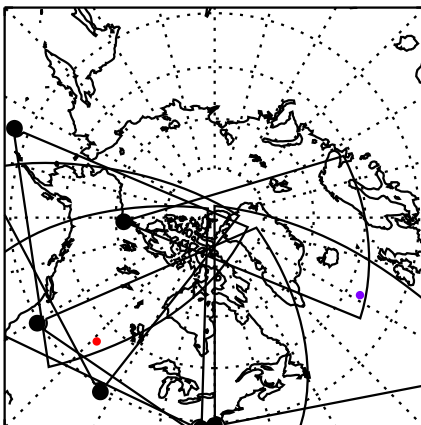
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



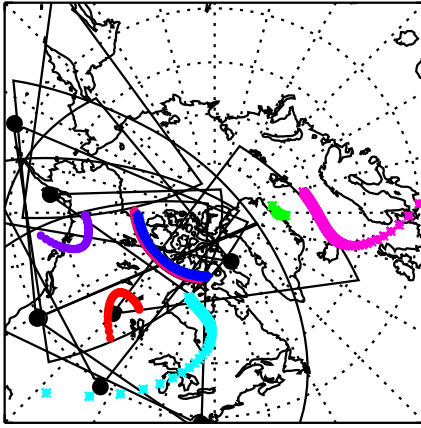
(a) 0010UT to 0455UT
the han inv sas wal



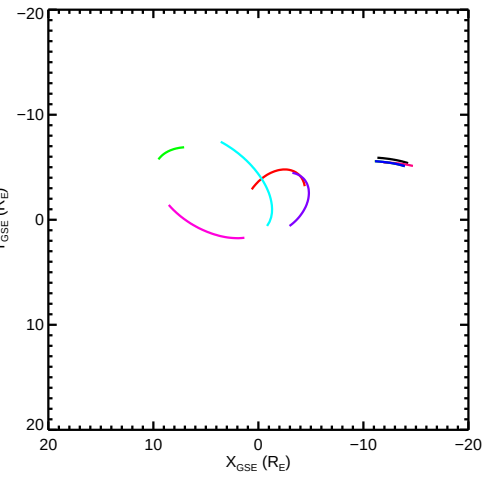
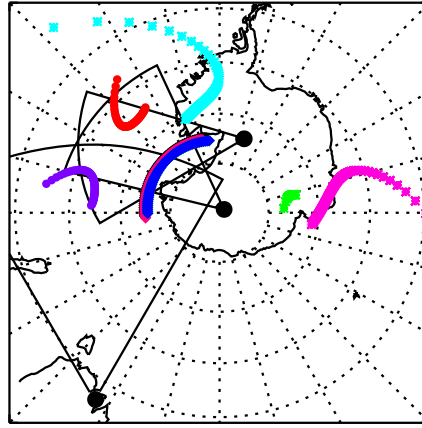
(b) 0705UT to 0705UT
ade bks cve fhw inv wal



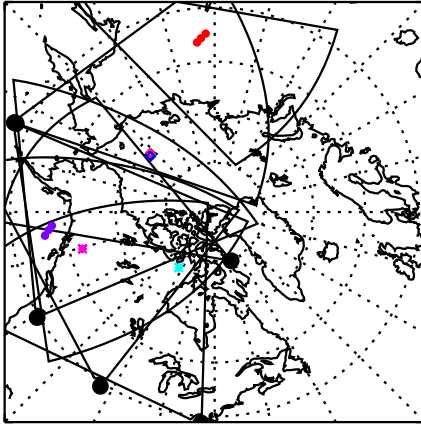
(c) 0915UT to 1355UT
ade bks cly cve cvw fhw hok kod sas



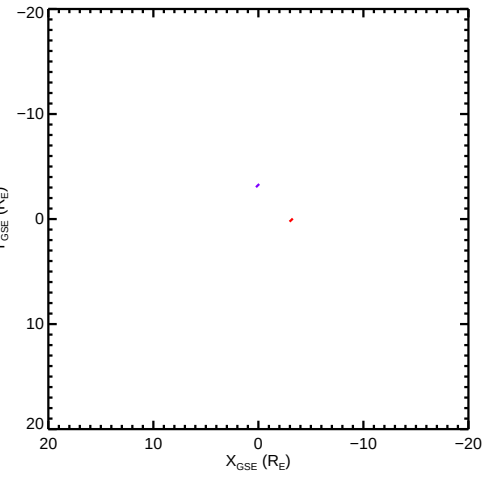
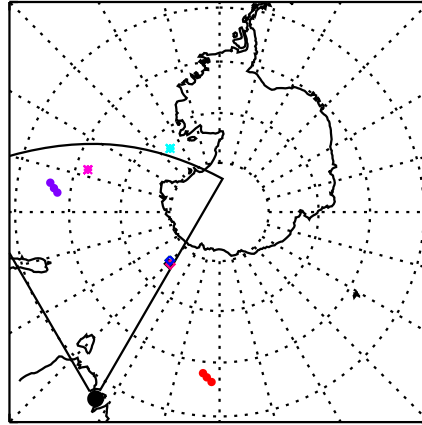
bpk dce sps



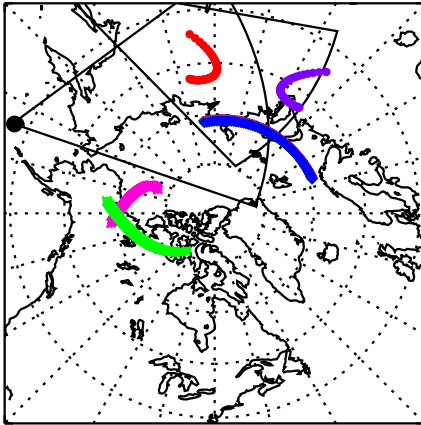
(d) 1600UT to 1610UT
ade adw bks cly cvw fhw hkw



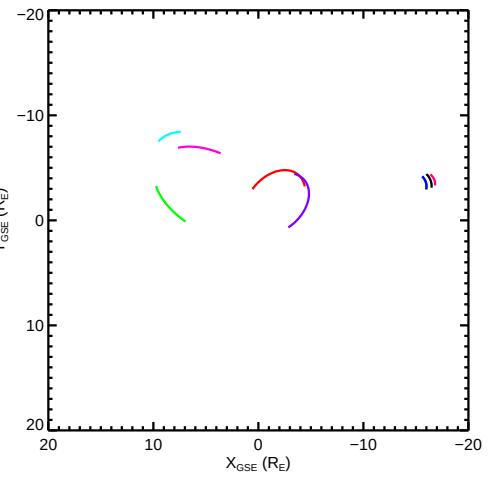
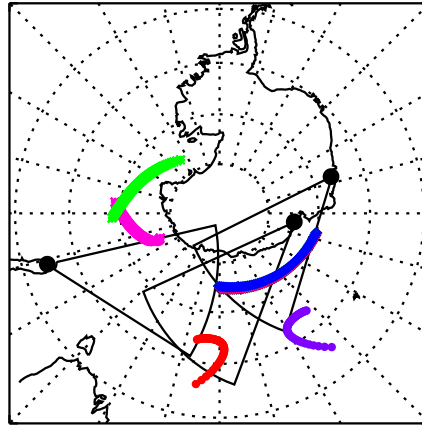
bpk



(e) 1815UT to 2250UT
adw hkw



sye unw zho

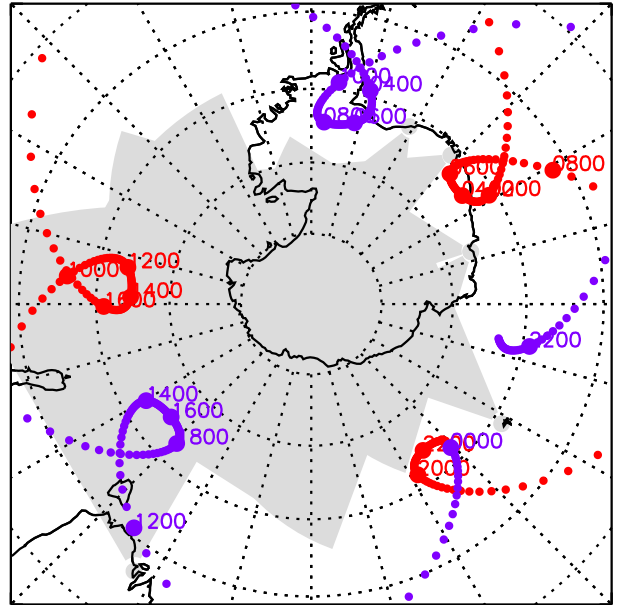
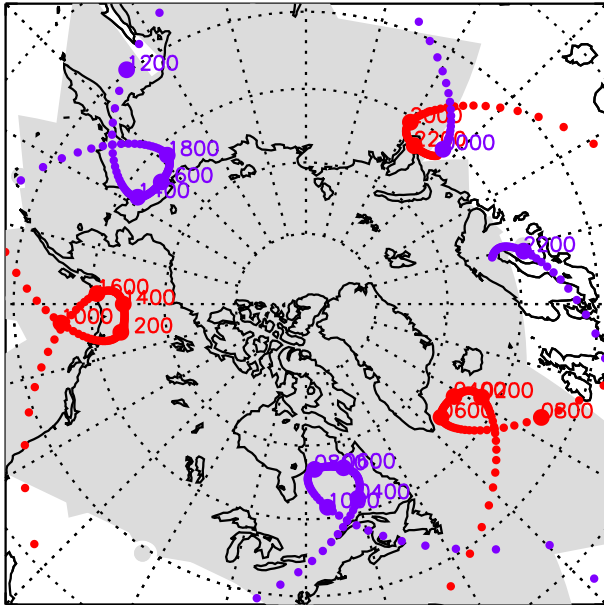


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

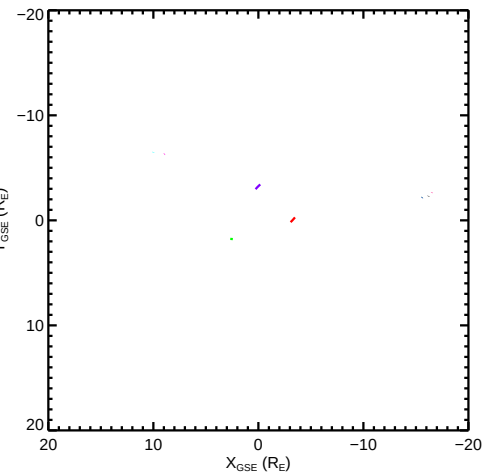
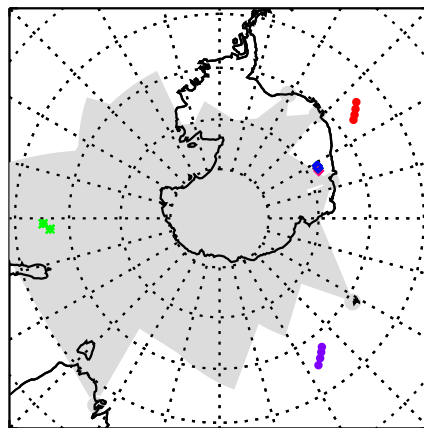
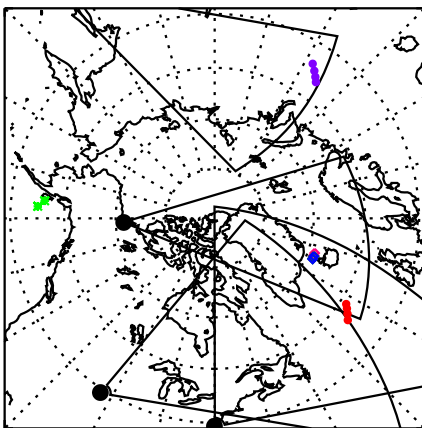
21-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

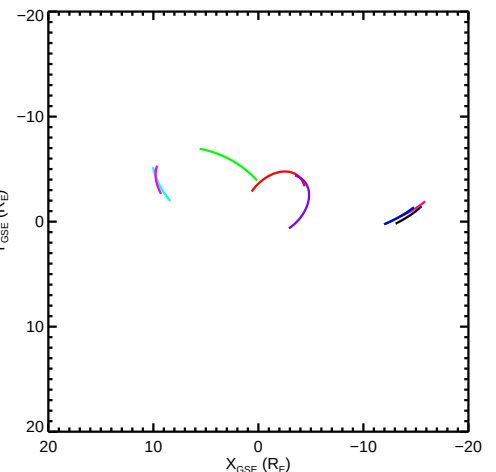
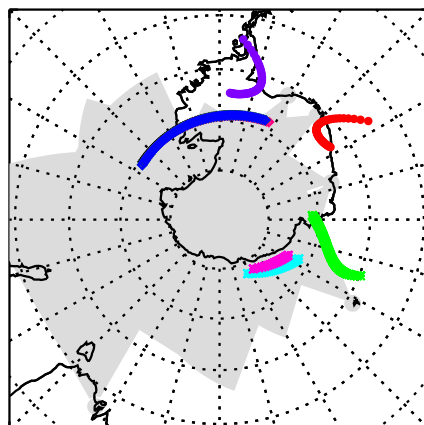
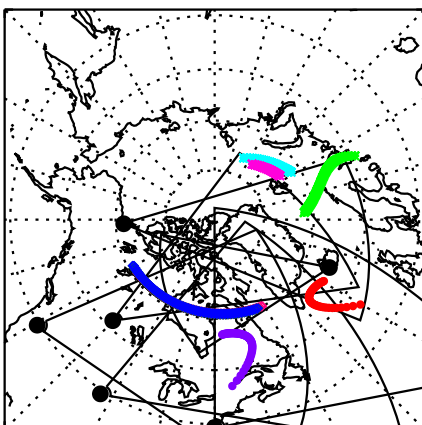
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



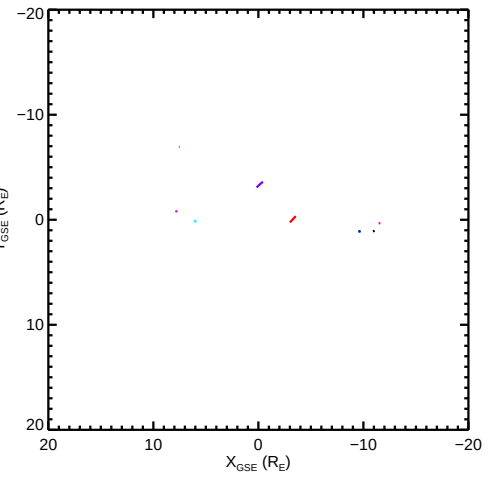
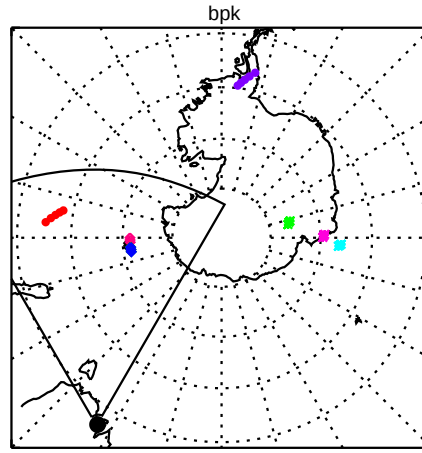
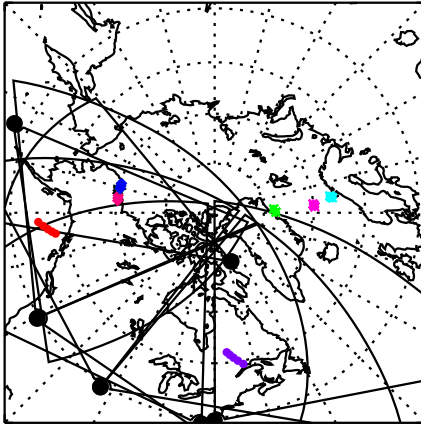
(a) 0100UT to 0115UT
the hkw inv wal



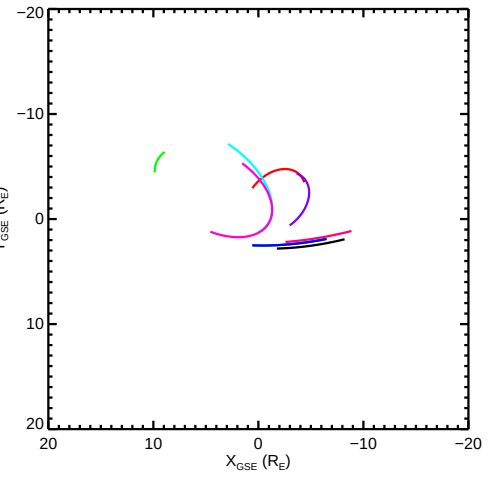
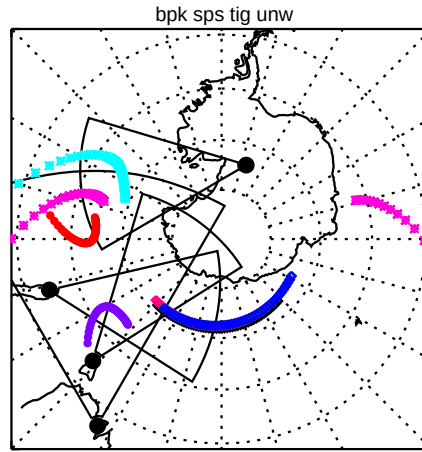
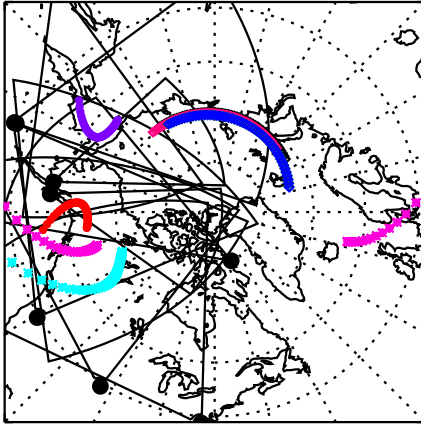
(b) 0320UT to 0750UT
cve the inv sas sto wal



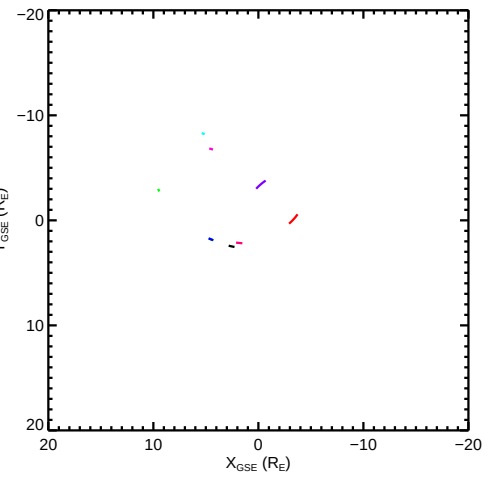
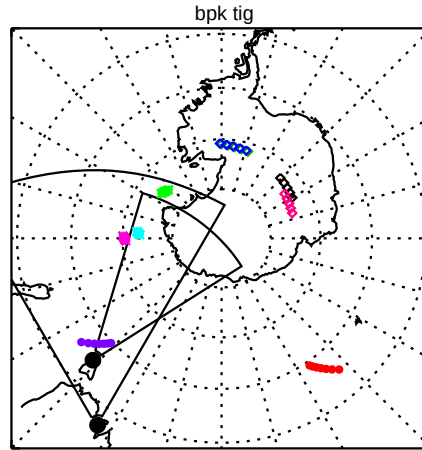
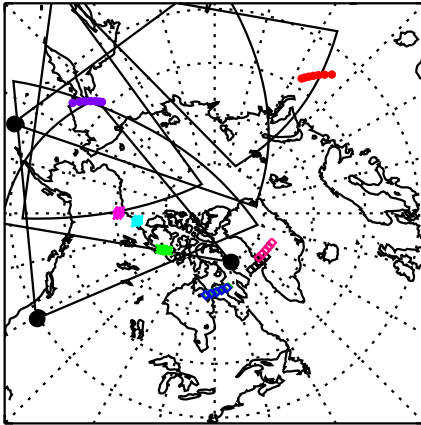
(c) 0955UT to 1015UT
ade bks cly cve cvw fhw wal



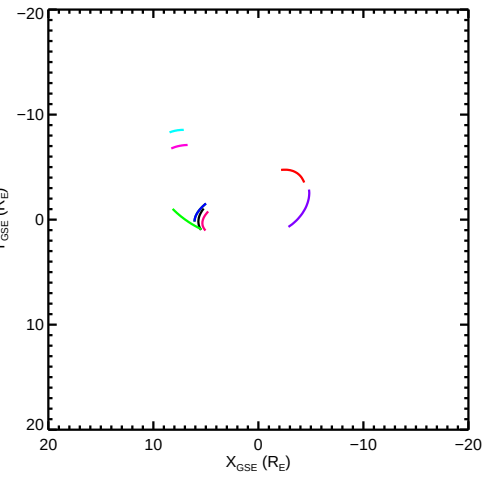
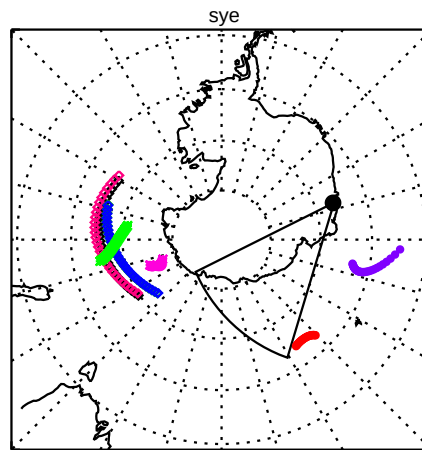
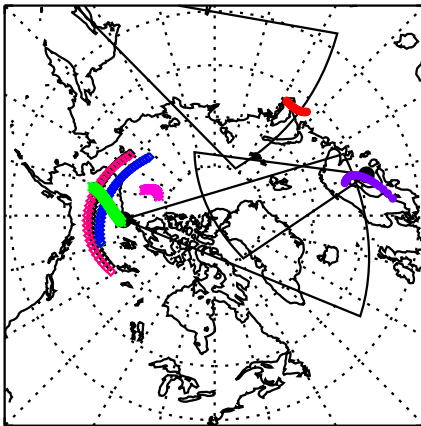
(d) 1225UT to 1645UT
ade adw bks cly cvw fhw hok kod ksr



(e) 1850UT to 1920UT
adw cly cvw hkw hok



(f) 2125UT to 2355UT
han hkw inv

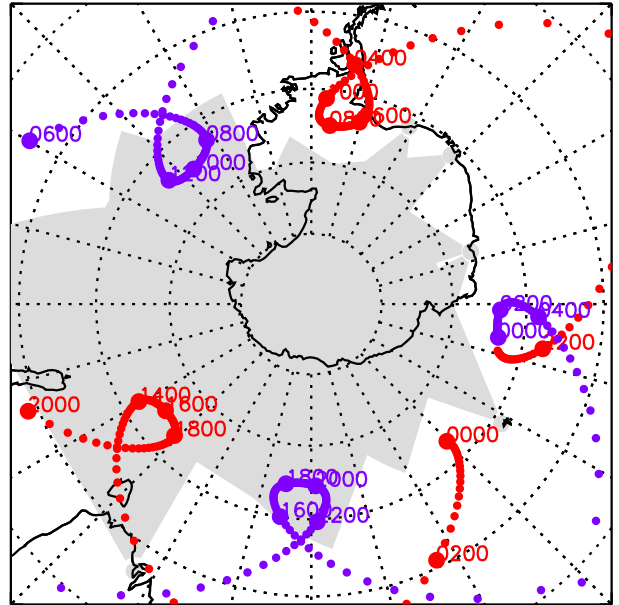
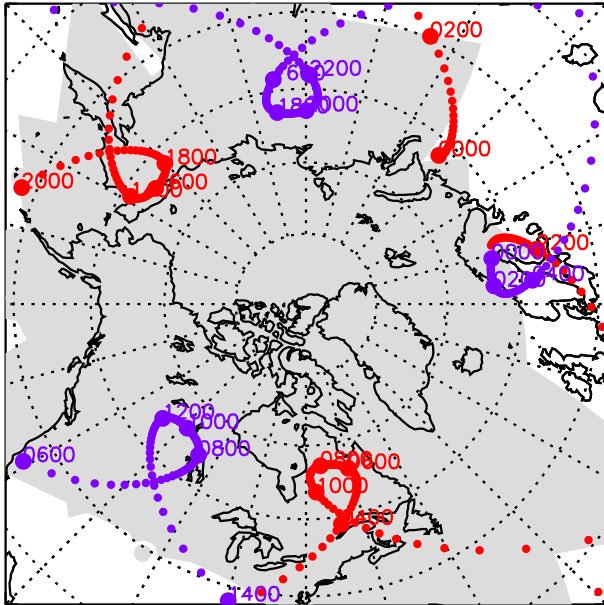


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

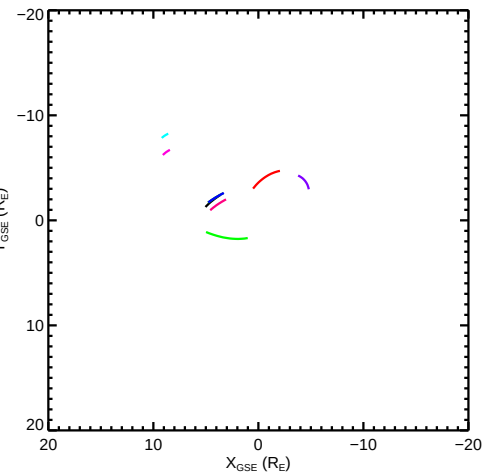
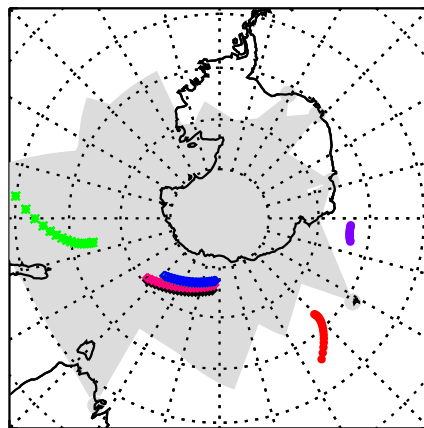
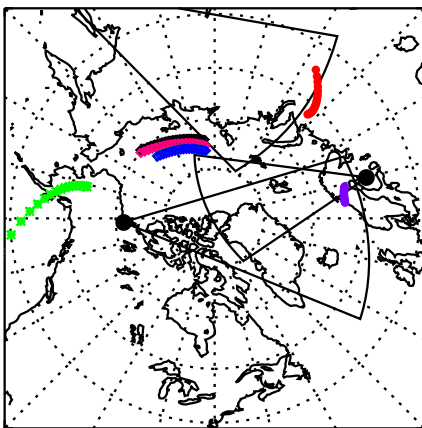
22-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

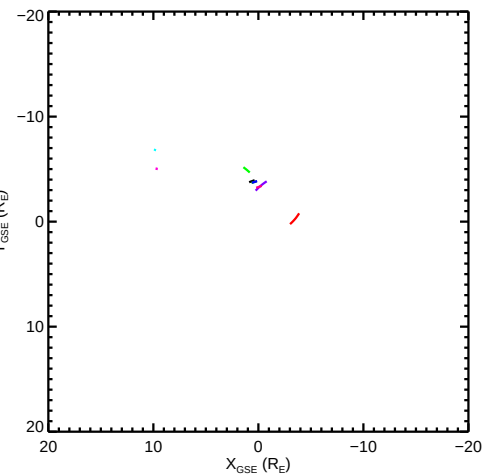
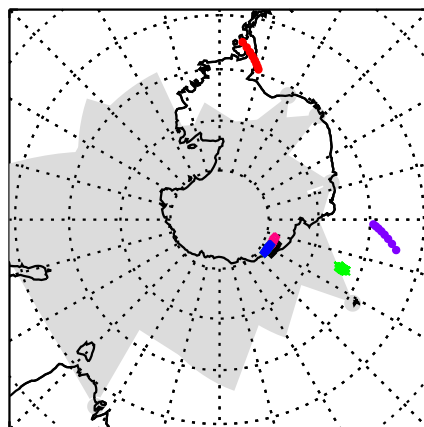
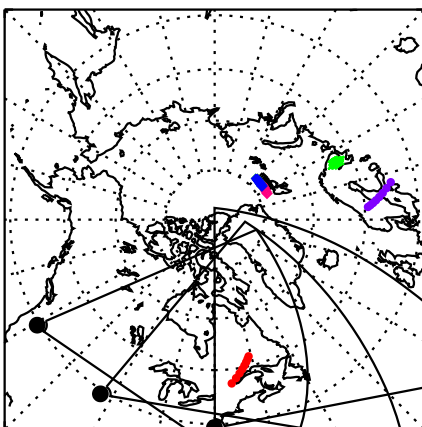
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



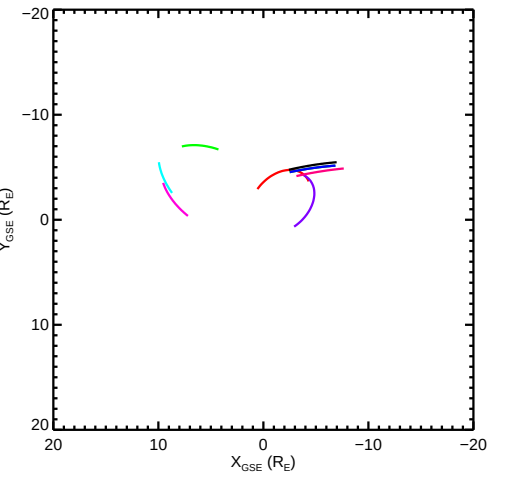
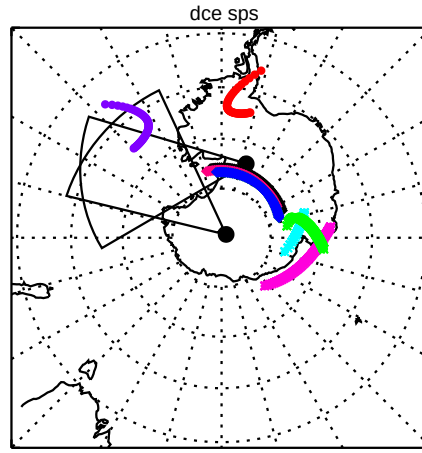
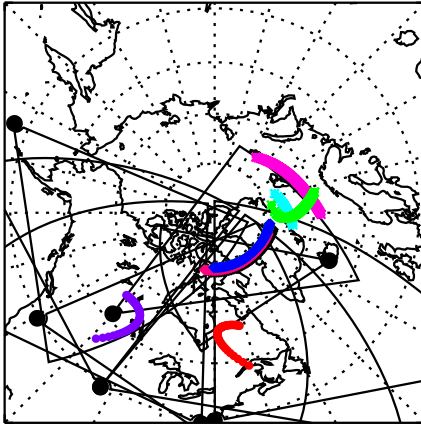
(a) 0000UT to 0140UT
han hkw inv



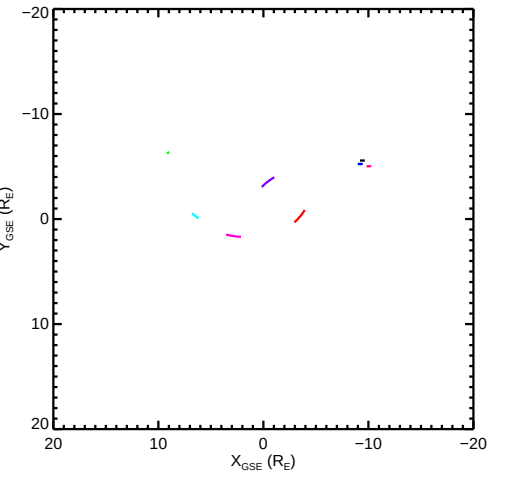
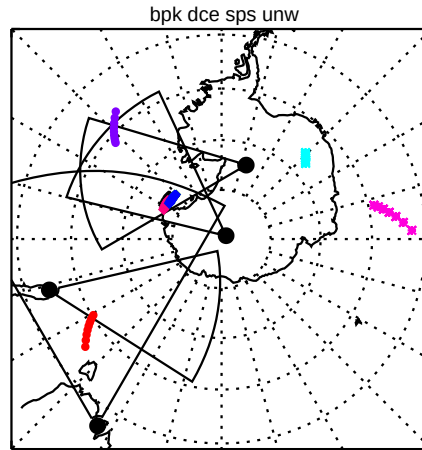
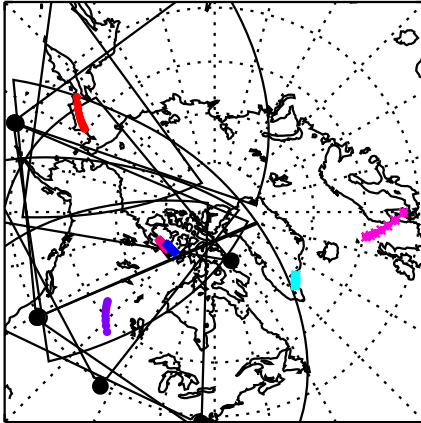
(b) 0350UT to 0425UT
cve the wal



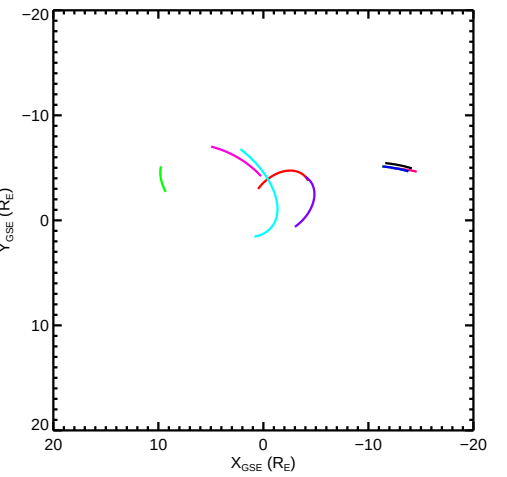
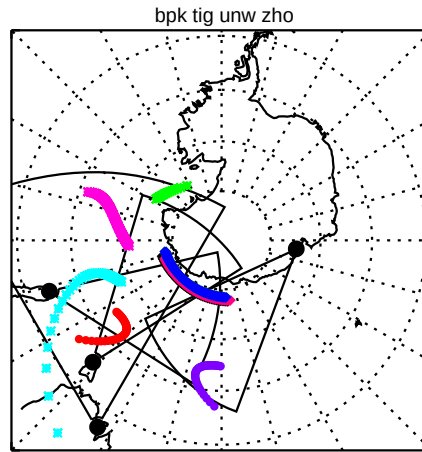
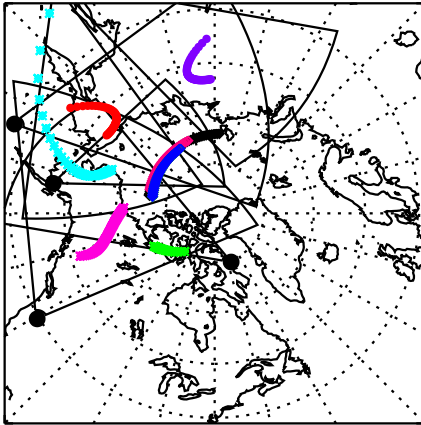
(c) 0630UT to 1040UT
ade bks cve fhw sas sto wal



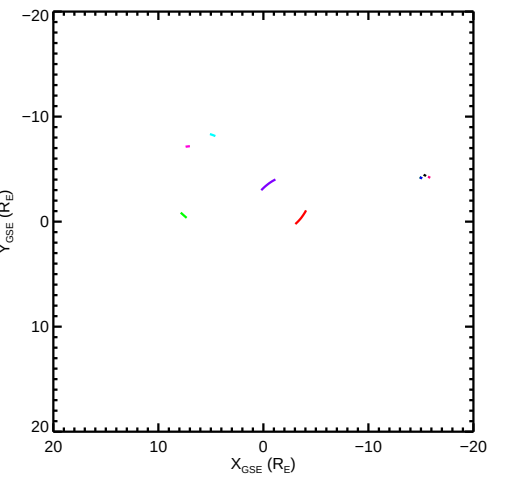
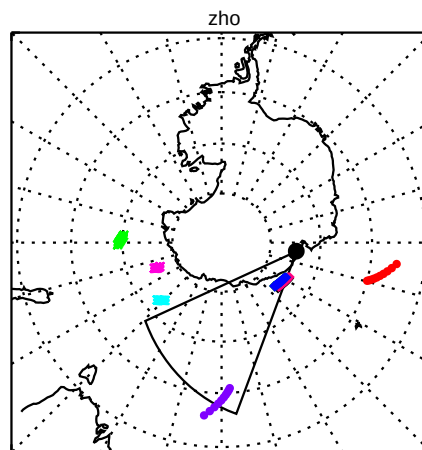
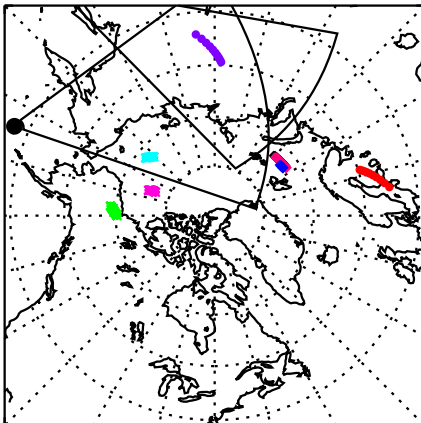
(d) 1245UT to 1325UT
ade adw bks cly cve cvw fhw hok



(e) 1535UT to 1935UT
adw cly cvw hkw hok ksr



(f) 2145UT to 2230UT
adw hkw

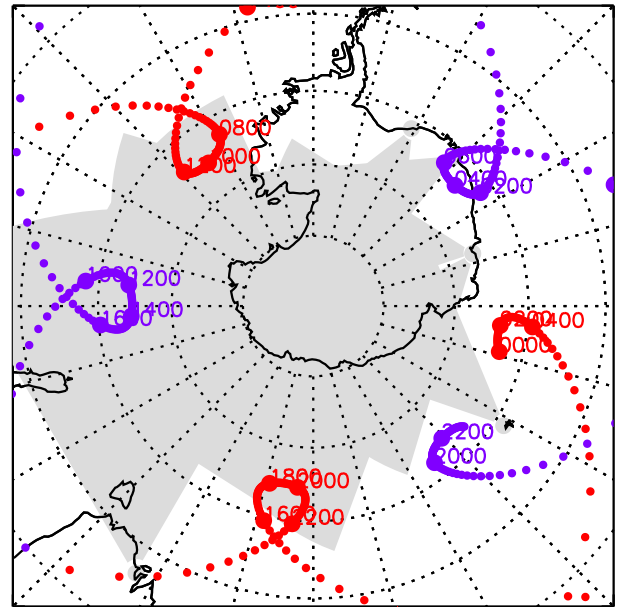
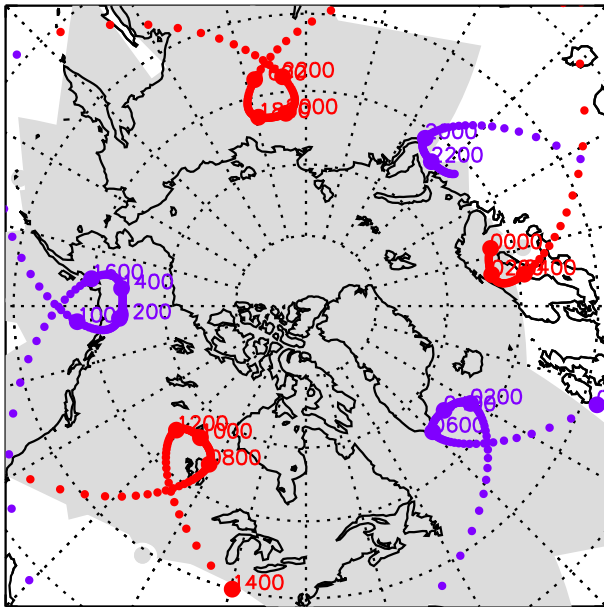


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

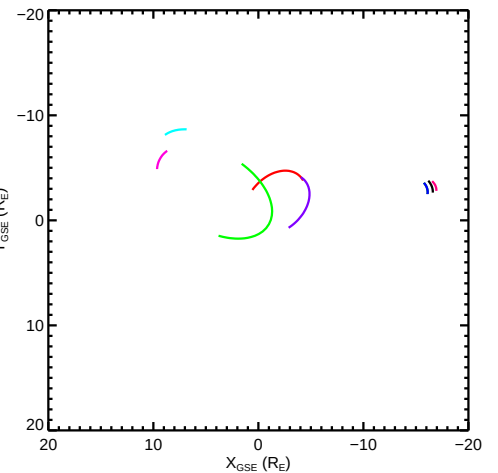
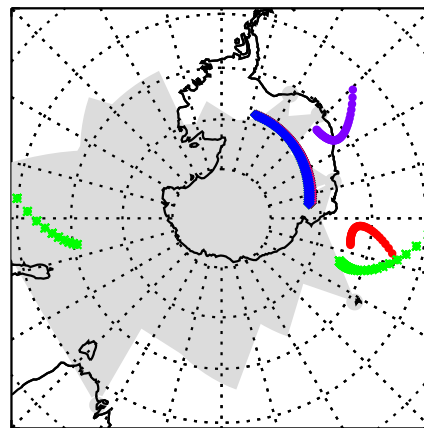
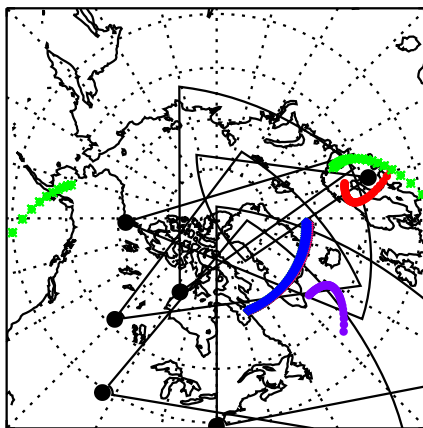
23-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

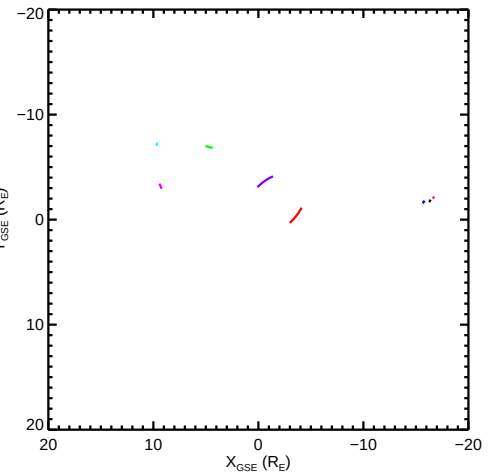
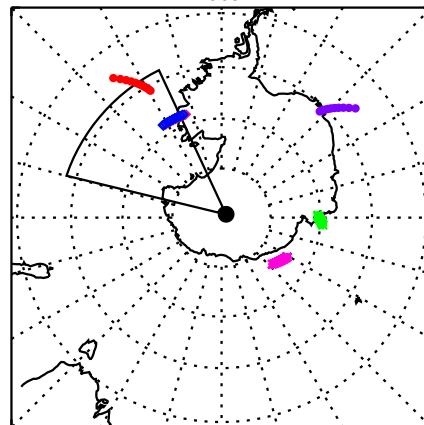
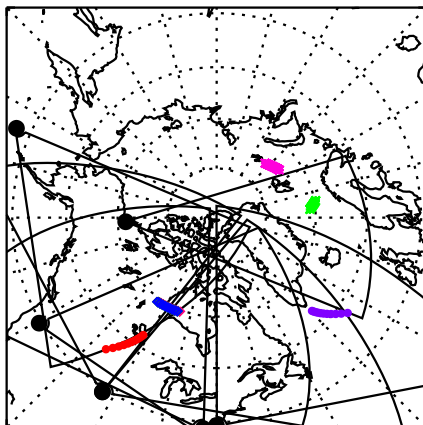
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



(a) 0035UT to 0435UT
the han inv rkn sas wal

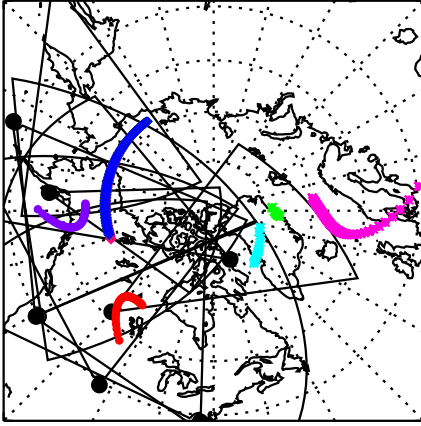


(b) 0640UT to 0730UT
ade bks cve the fhw inv wal

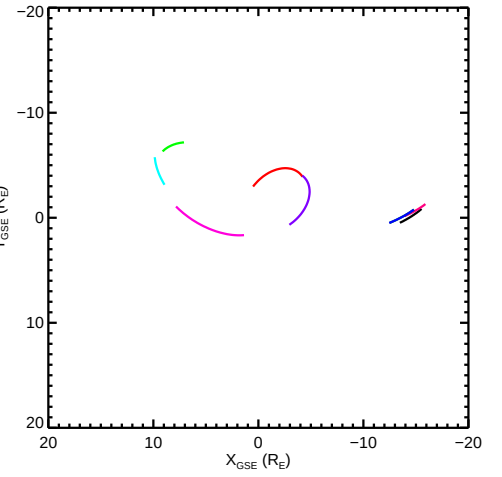
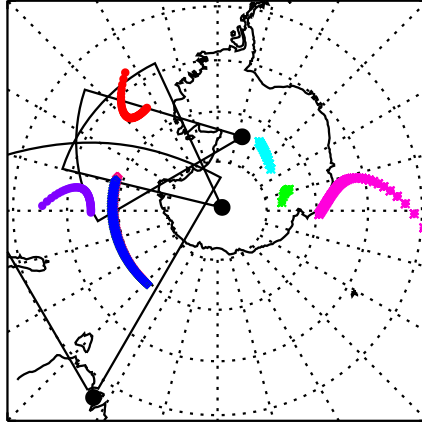


dce

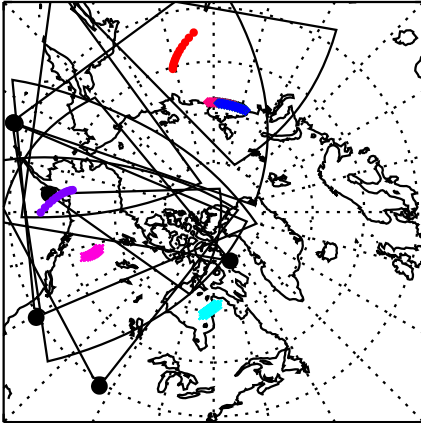
(c) 0940UT to 1330UT
ade bks cly cve cvw fhw hok kod sas



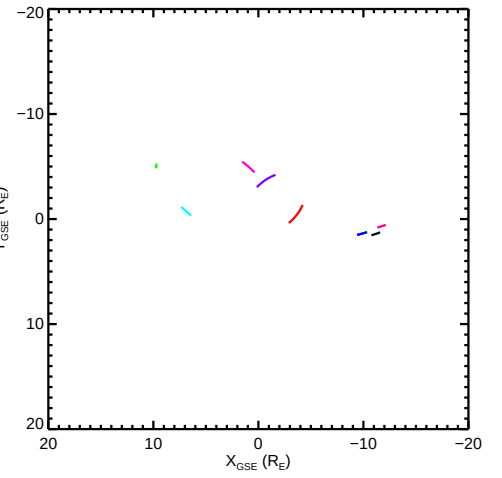
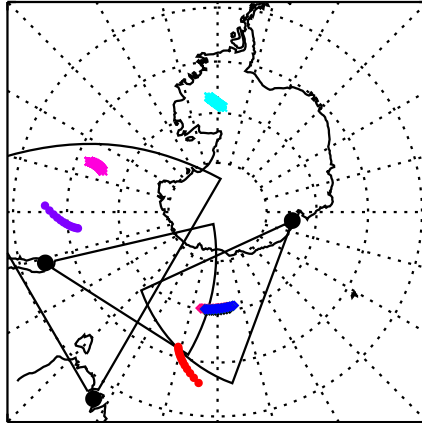
bpk dce sps



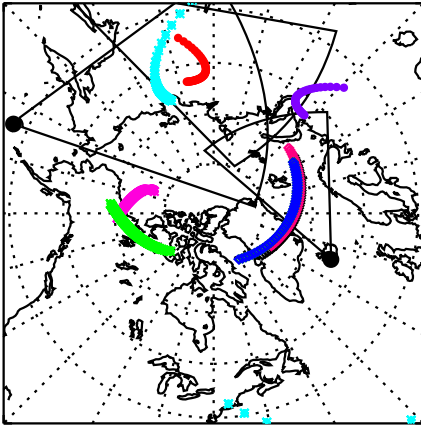
(d) 1535UT to 1635UT
ade adw cly cvw fhw hkw hok kod



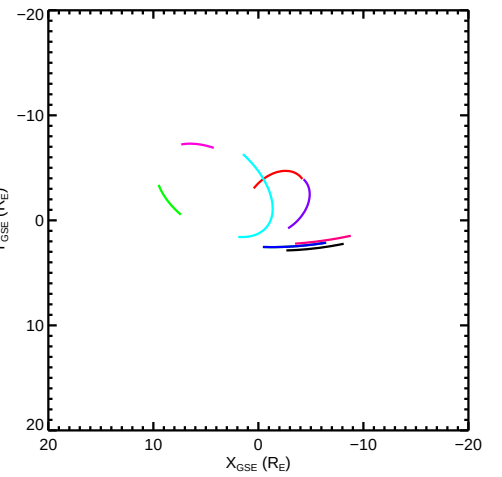
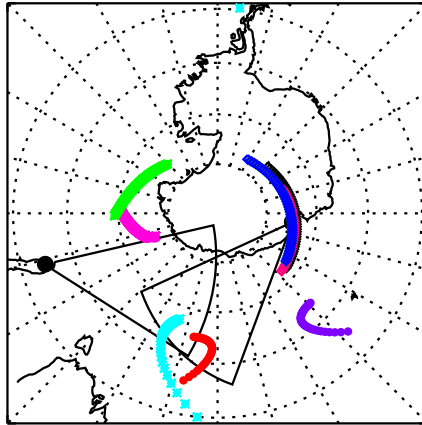
bpk unw zho



(e) 1840UT to 2225UT
adw hkw pyk



unw zho

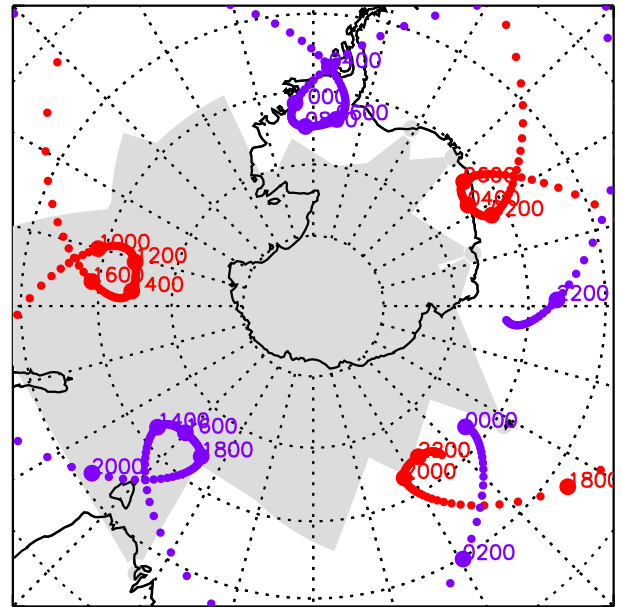
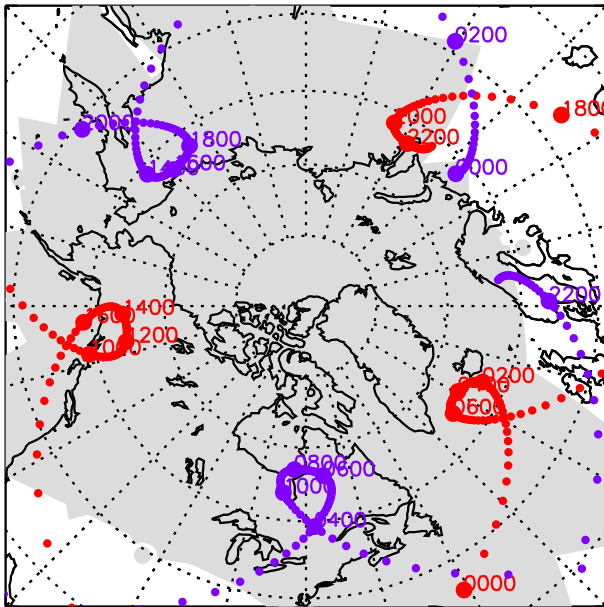


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

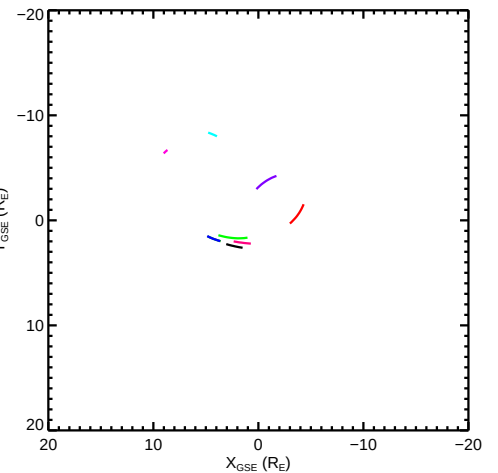
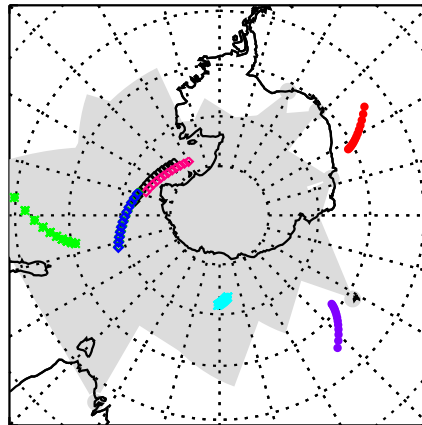
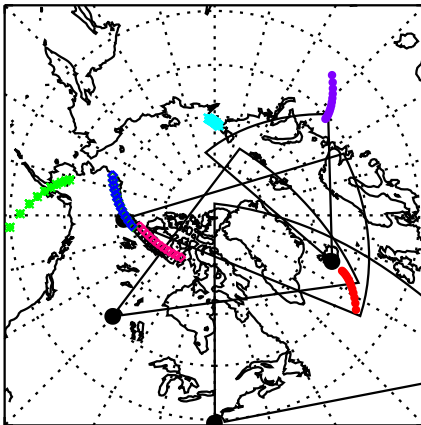
24-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

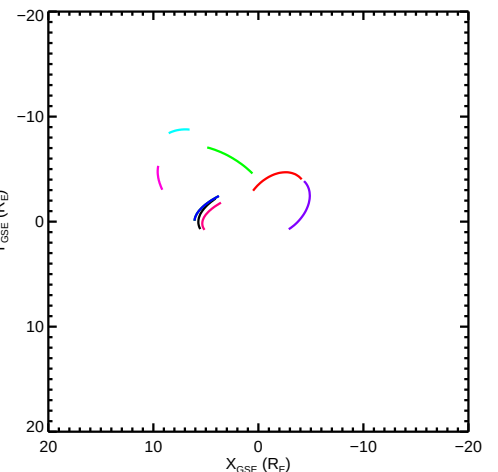
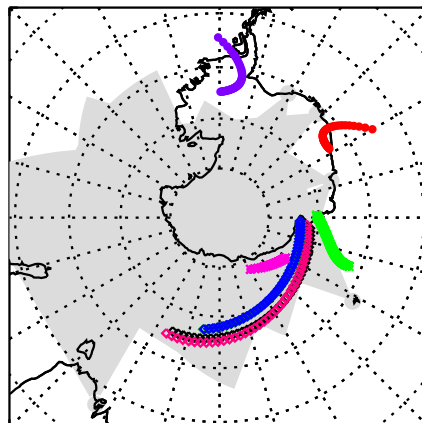
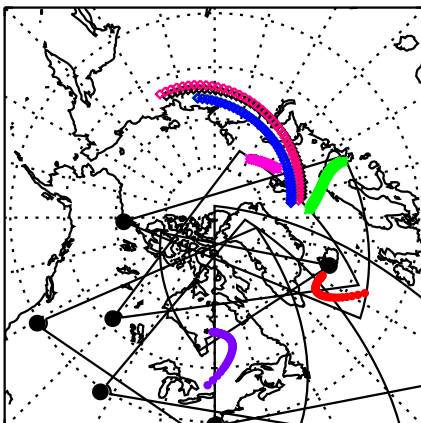
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



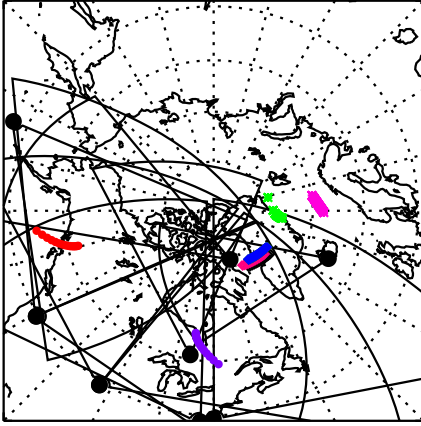
(a) 0035UT to 0140UT
inv pyk sas wal



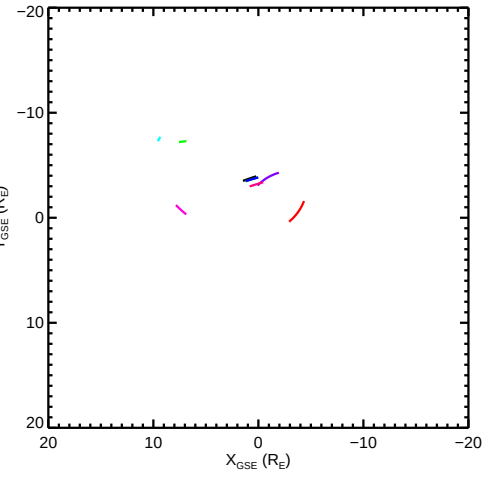
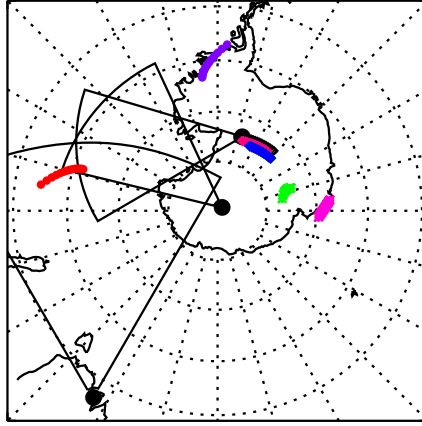
(b) 0345UT to 0725UT
cve the inv sas sto wal



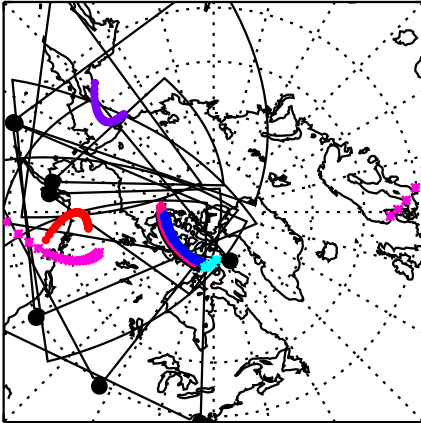
(c) 0930UT to 1040UT
ade bks cly cve cvw fhw kap sto wal



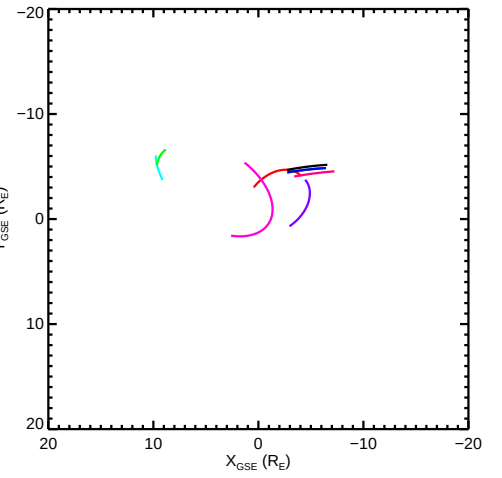
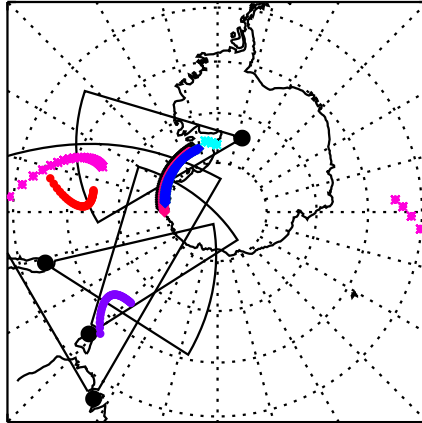
bpk dce sps



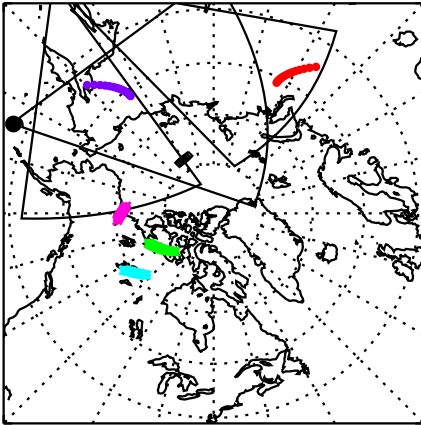
(d) 1250UT to 1620UT
ade adw bks cly cvw fhw hok kod ksr



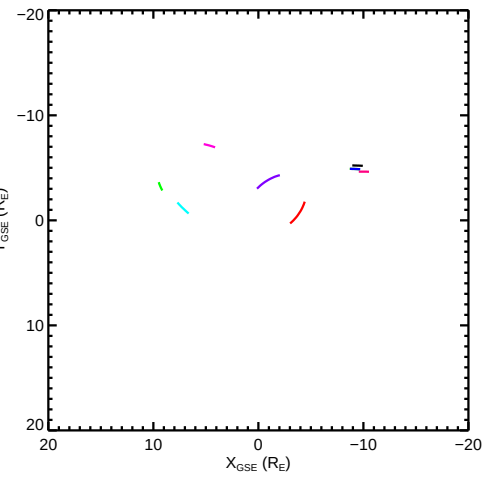
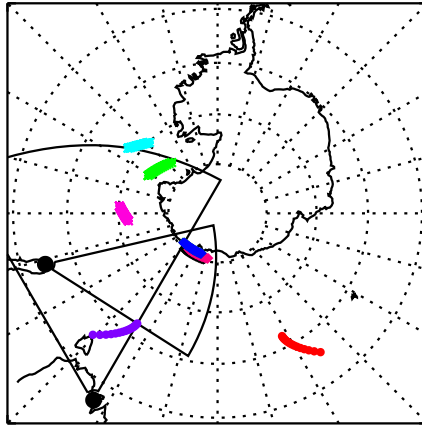
bpk sps tig unw



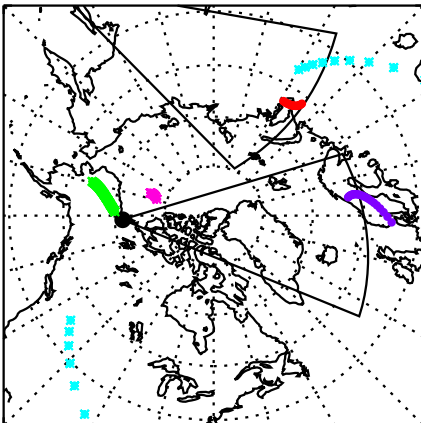
(e) 1830UT to 1945UT
adw hkw hok



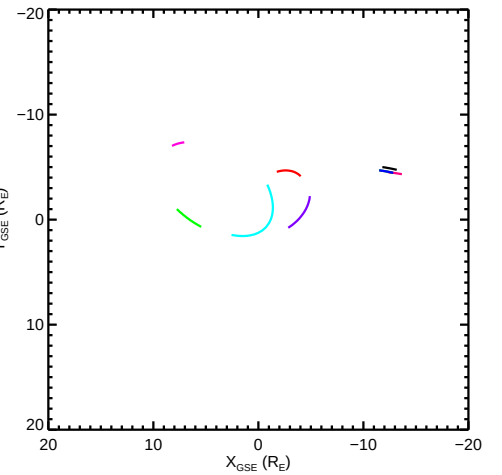
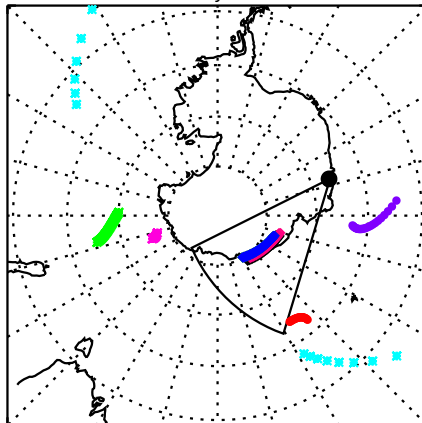
bpk unw



(f) 2150UT to 2355UT
hkw inv



syx

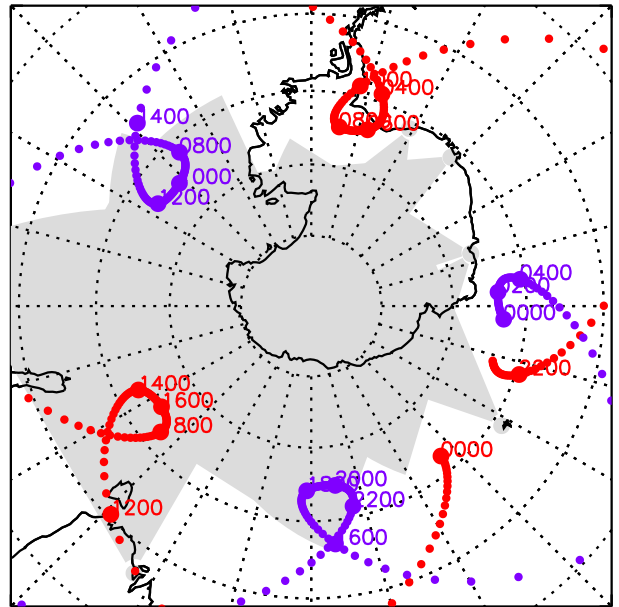
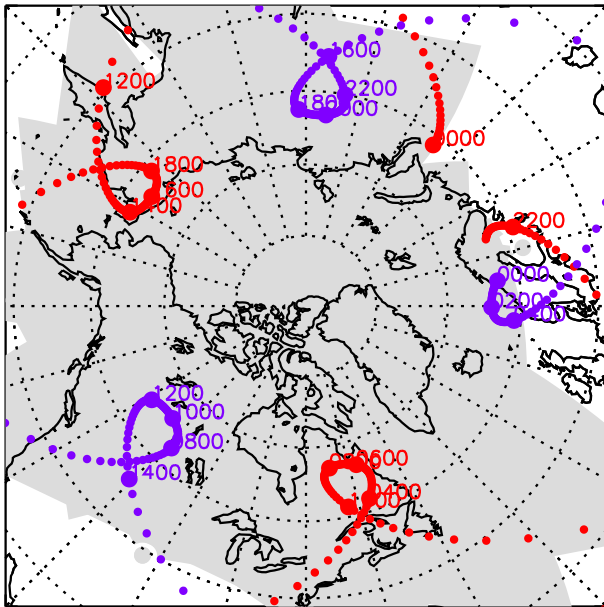


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

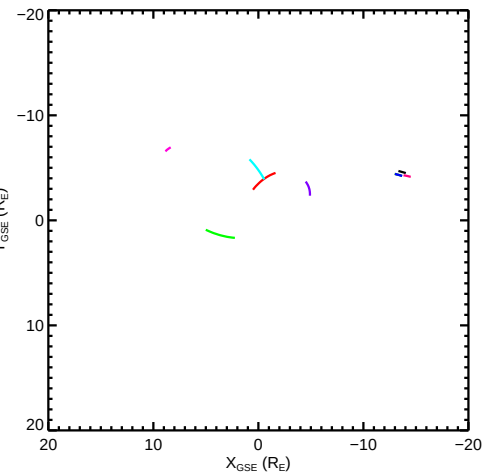
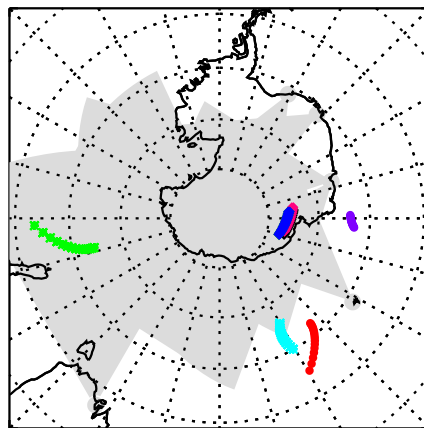
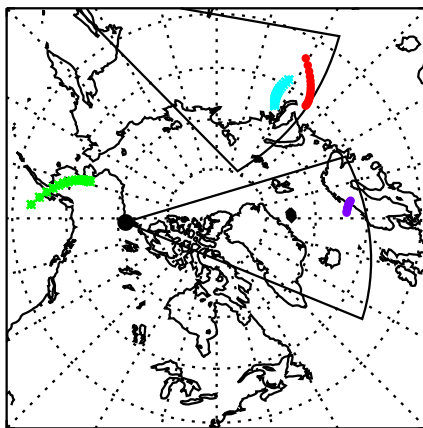
25-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

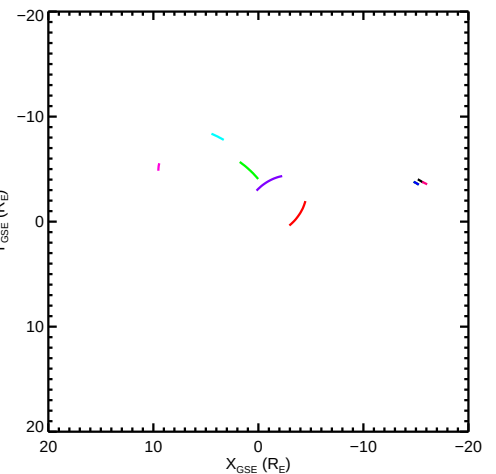
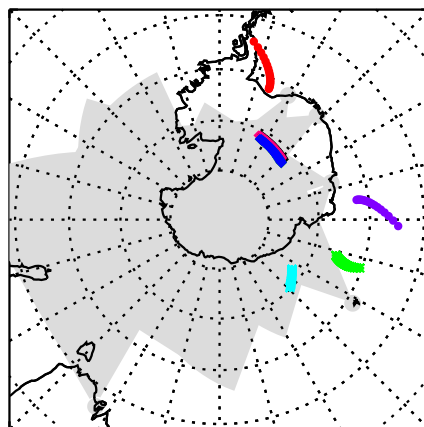
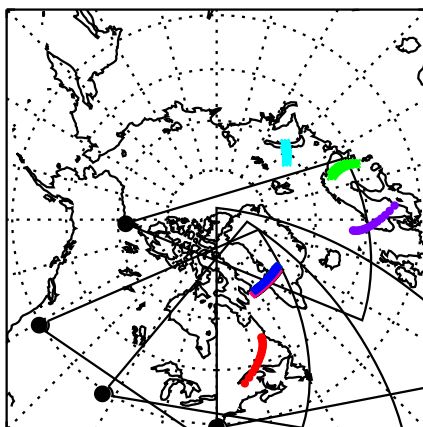
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



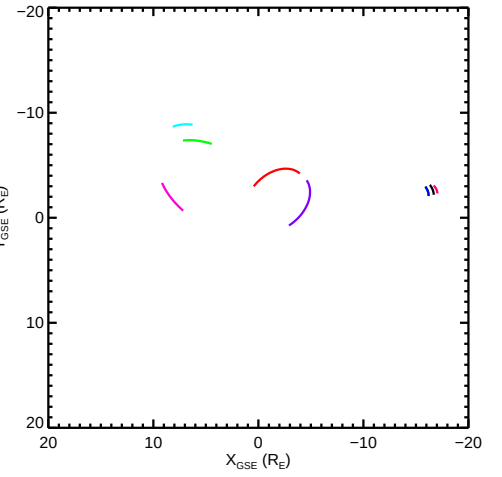
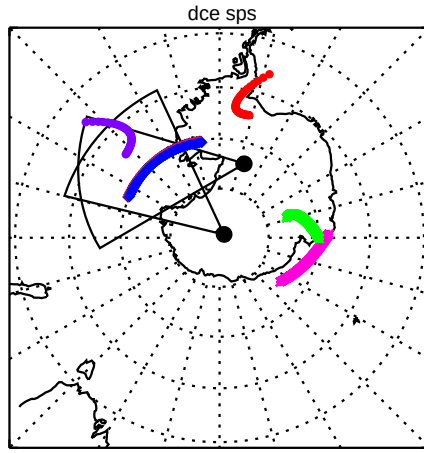
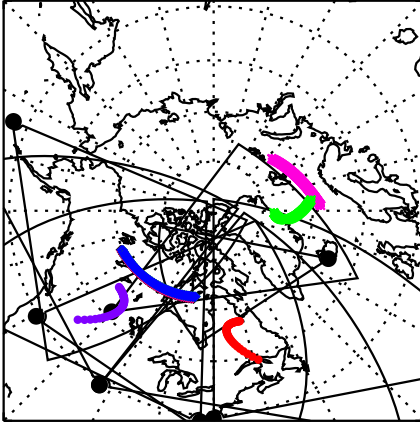
(a) 0000UT to 0120UT
hkw inv



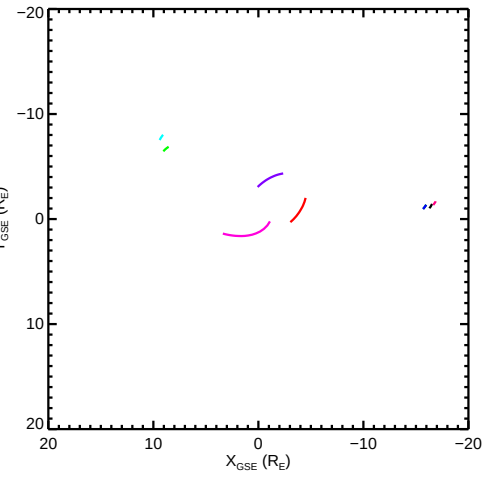
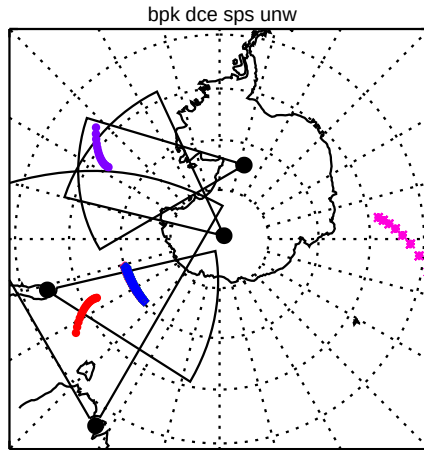
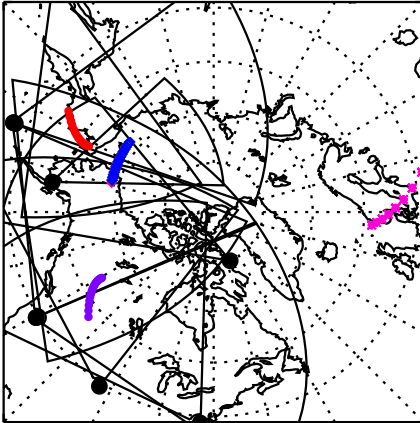
(b) 0325UT to 0450UT
cve the inv wal



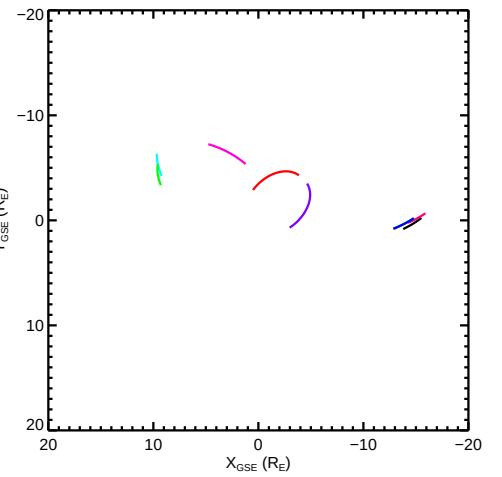
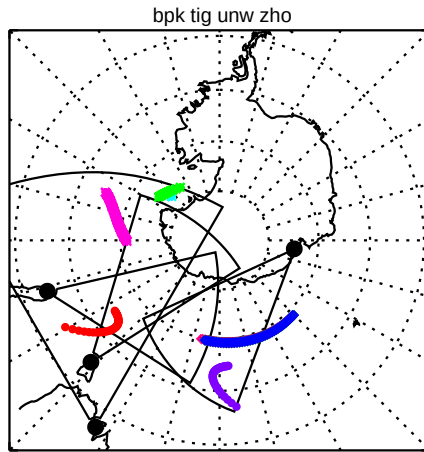
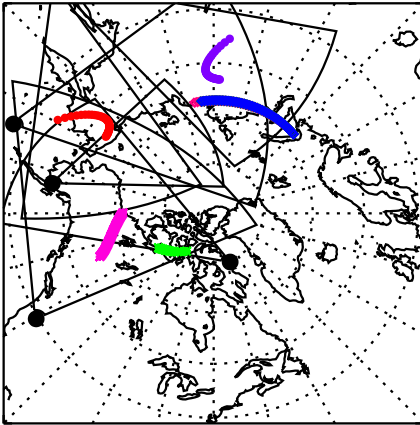
(c) 0655UT to 1015UT
ade bks cve fhw sas sto wal



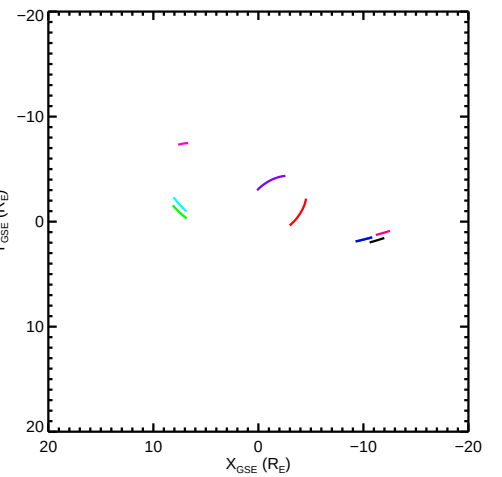
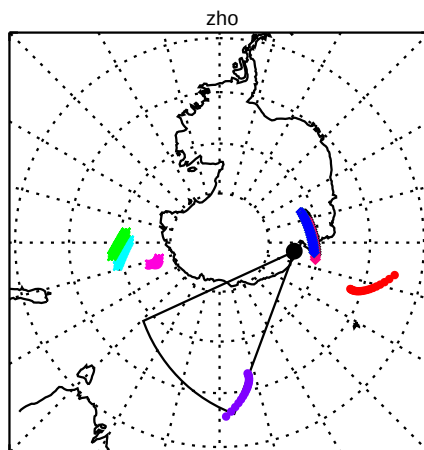
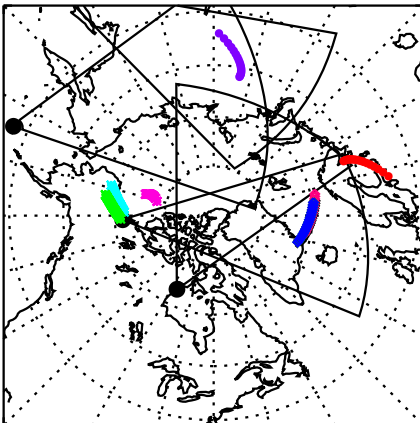
(d) 1225UT to 1350UT
ade adw bks cly cve cvw fhw hok ksr



(e) 1600UT to 1915UT
adw cly cvw hkw hok ksr



(f) 2120UT to 2255UT
adw hkw inv rkn

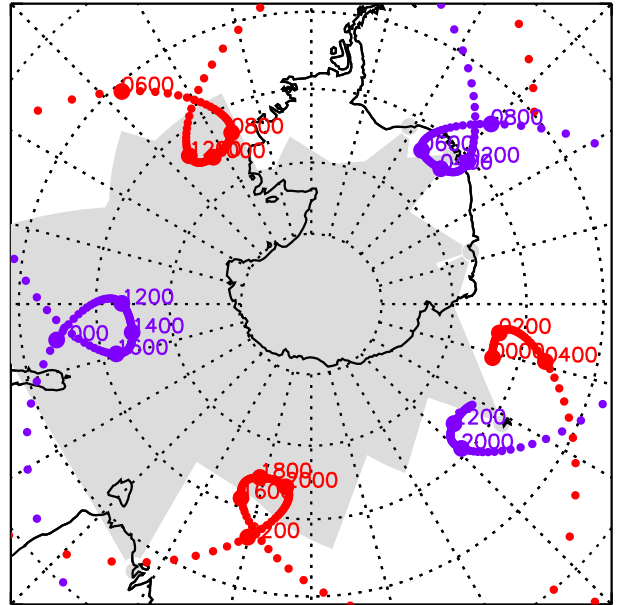
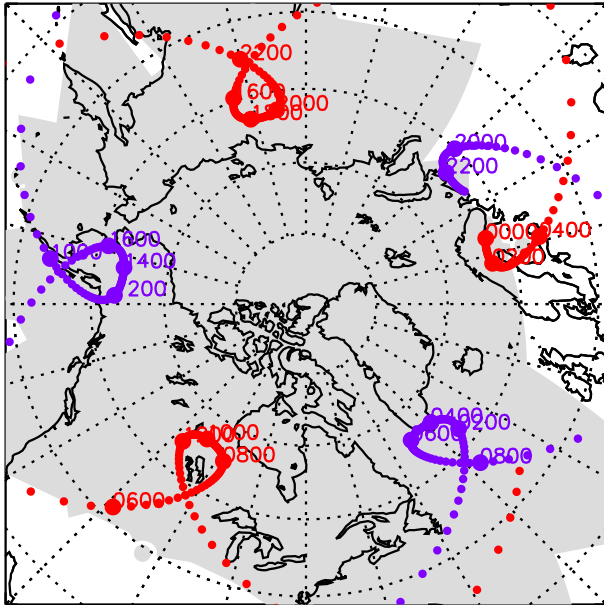


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

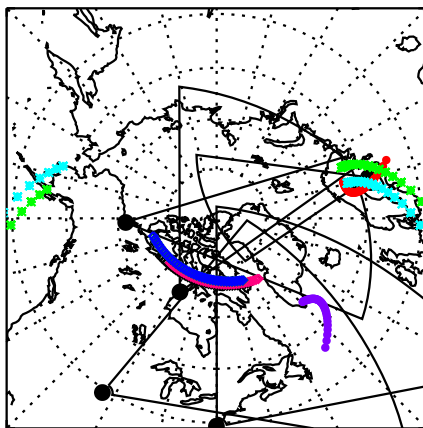
26-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

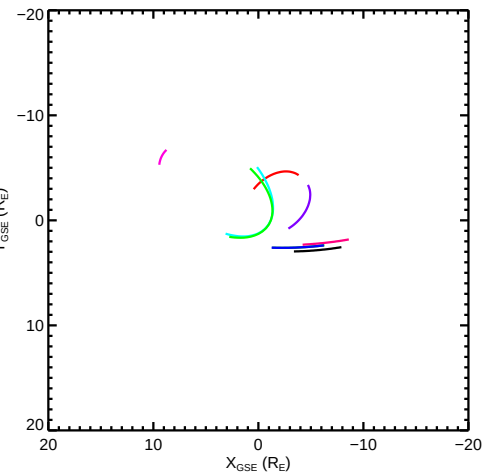
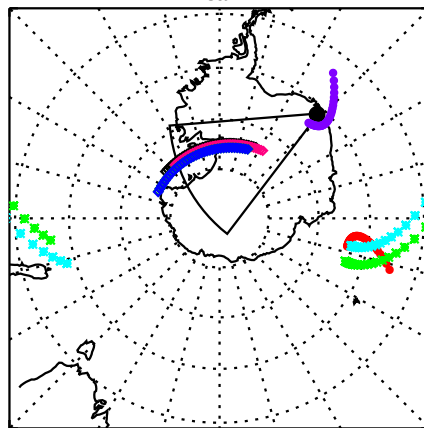
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



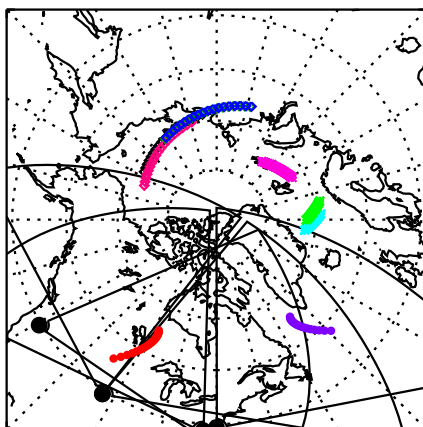
(a) 0100UT to 0410UT
the han inv rkn wal



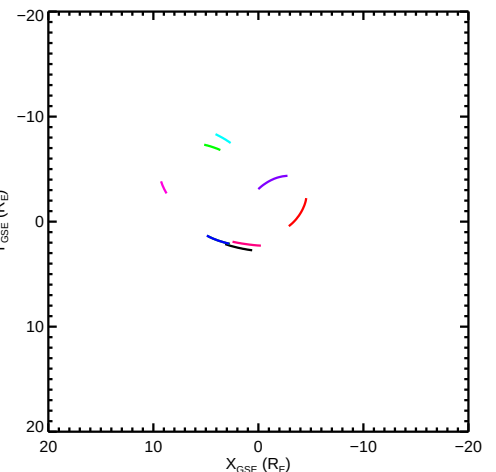
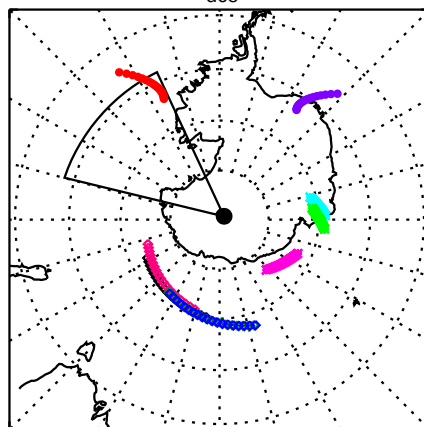
san



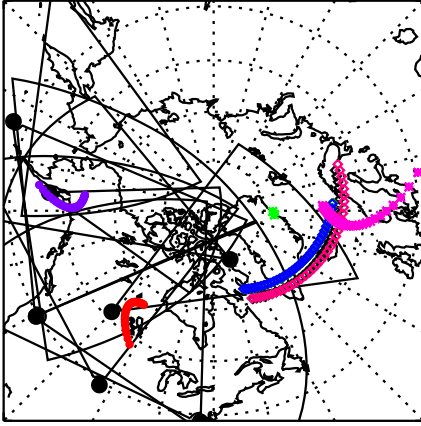
(b) 0615UT to 0755UT
bks cve the fhw wal



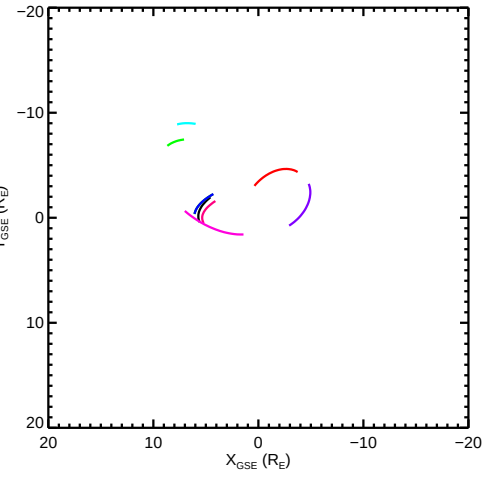
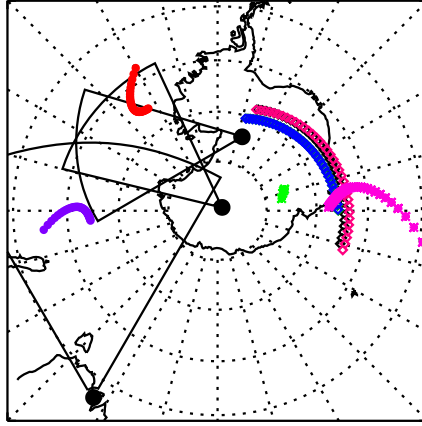
dce



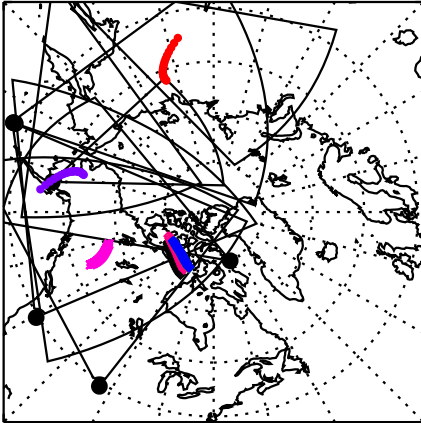
(c) 1005UT to 1305UT
ade bks cly cve cvw fhw hok kod sas



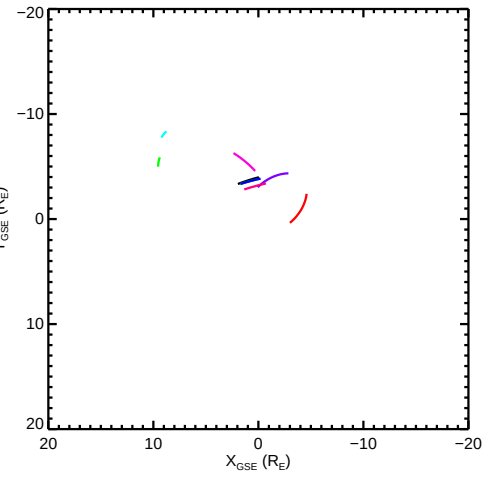
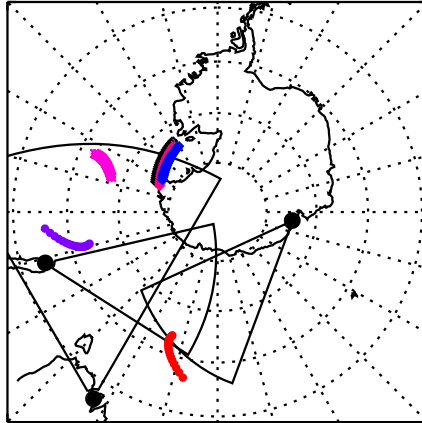
bpk dce sps



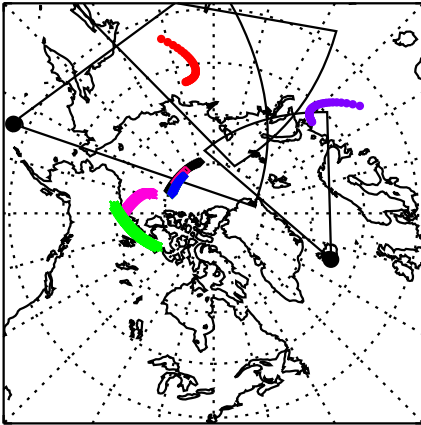
(d) 1515UT to 1700UT
ade adw cly cvw fhw hkw hok ksr



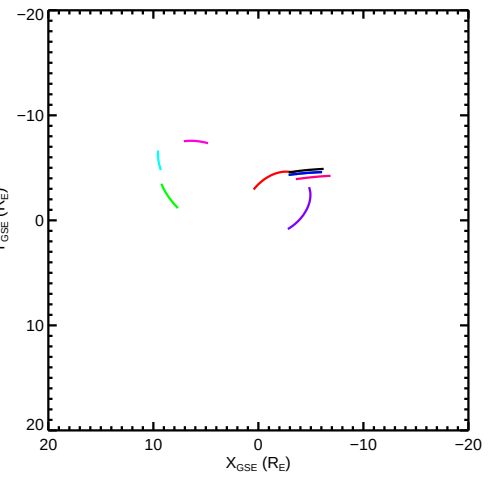
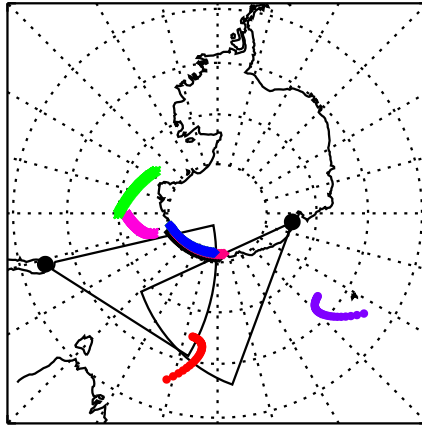
bpk unw zho



(e) 1905UT to 2205UT
adw hkw pyk



unw zho

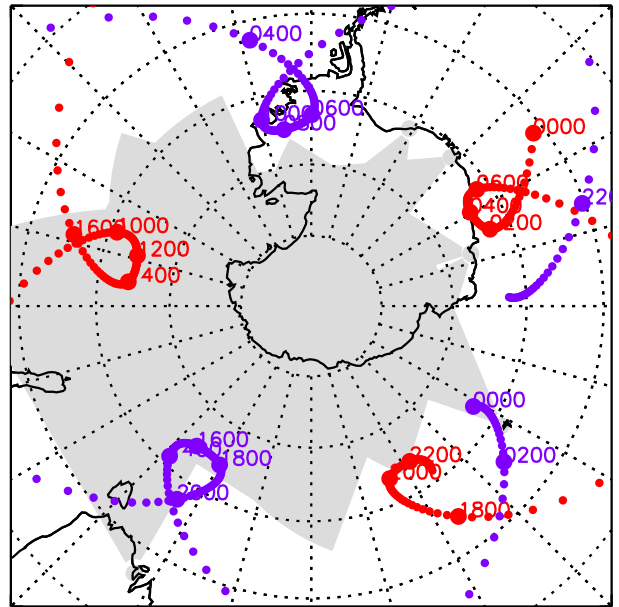
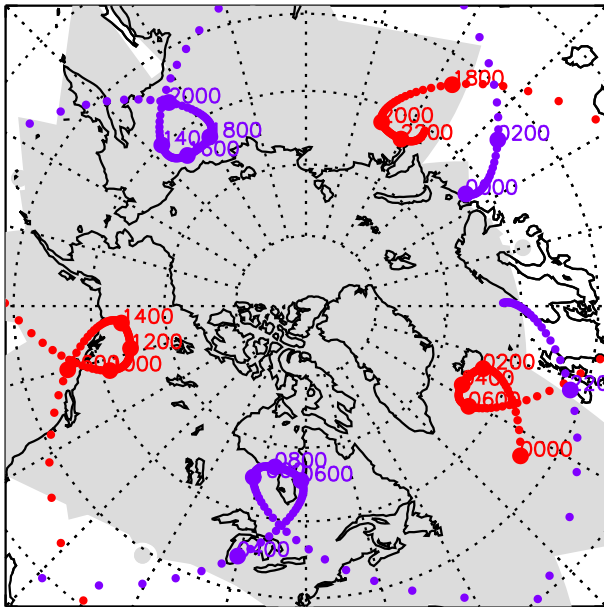


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

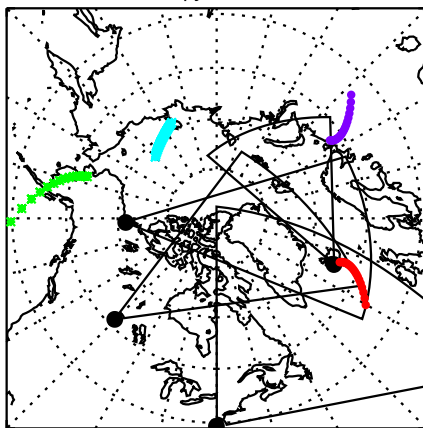
27-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

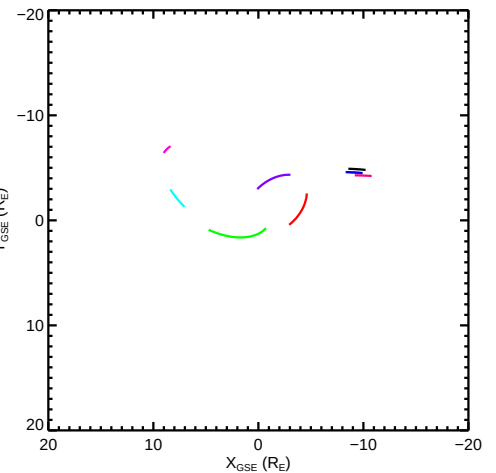
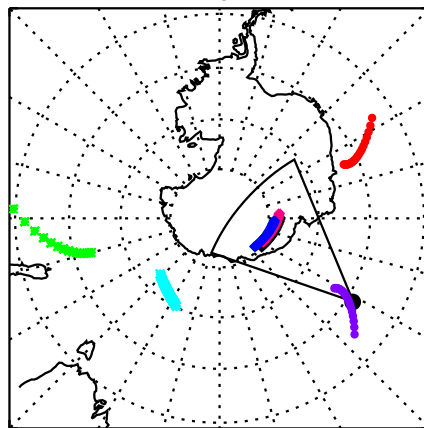
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



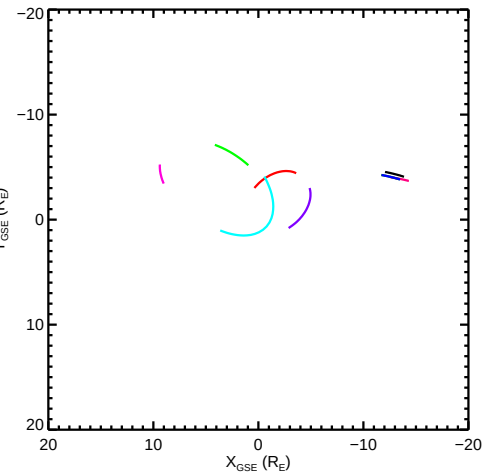
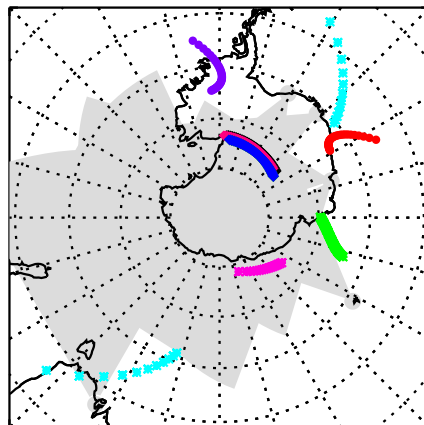
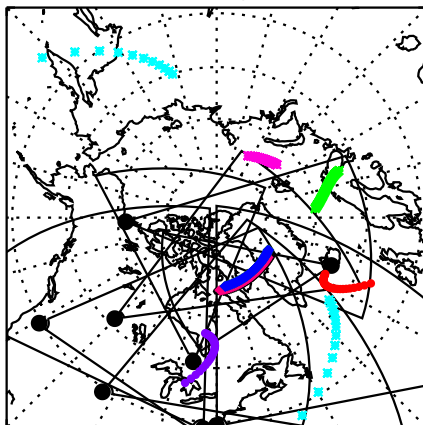
(a) 0010UT to 0205UT
inv pyk sas wal



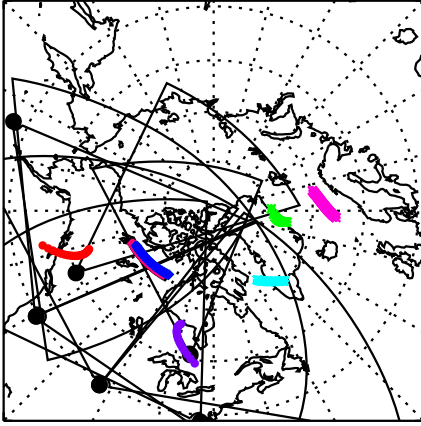
ker



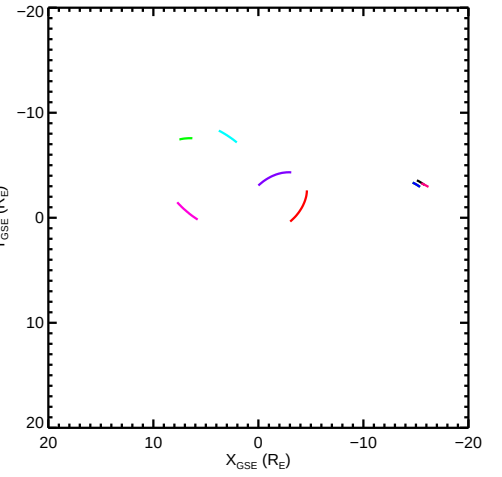
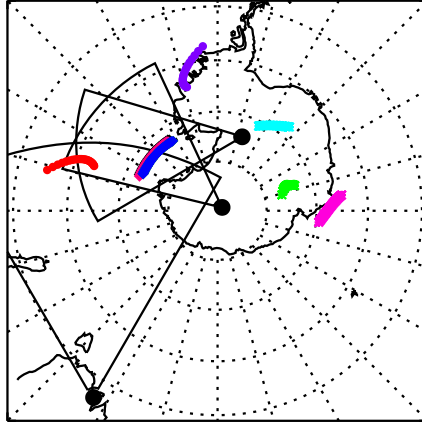
(b) 0410UT to 0700UT
bks cve the inv kap sas sto wal



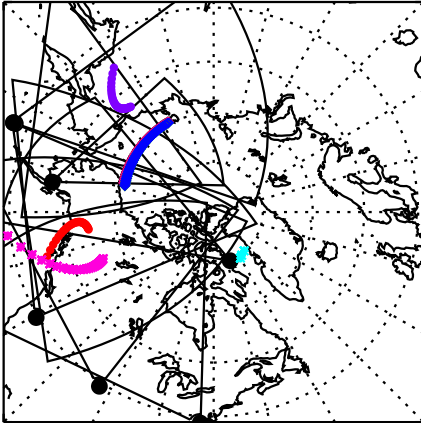
(c) 0910UT to 1105UT
ade bks cve cvw fhe fhw kap pgr



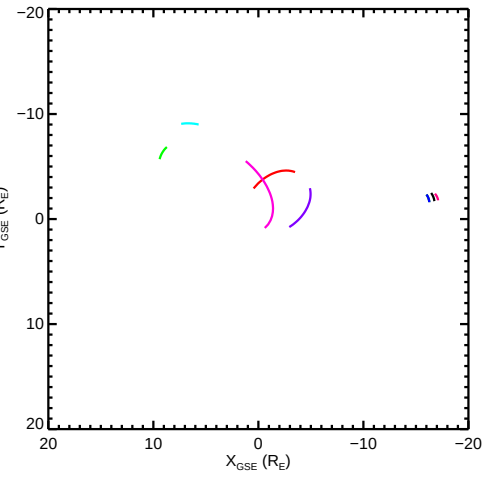
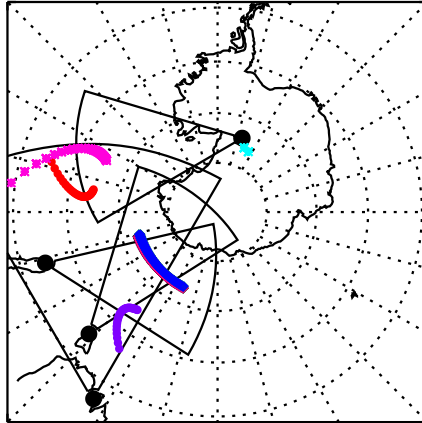
bpk dce sps



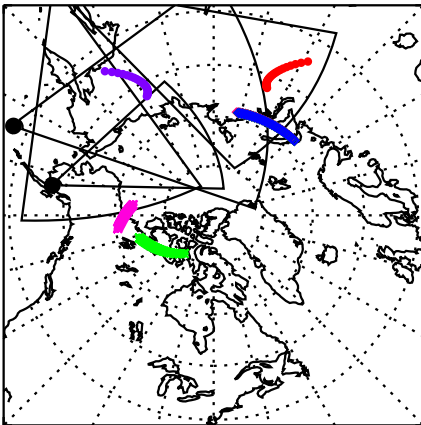
(d) 1315UT to 1600UT
ade adw bks cly cvw fhw hok ksr



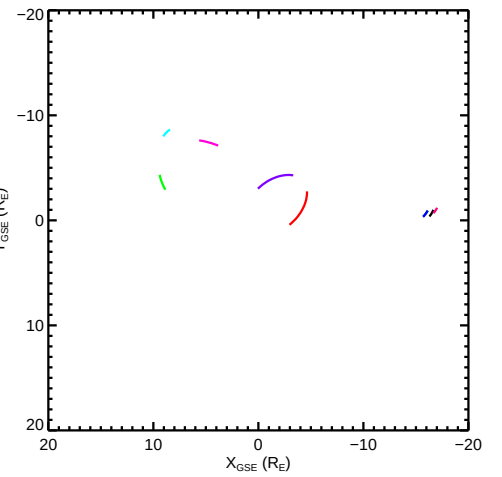
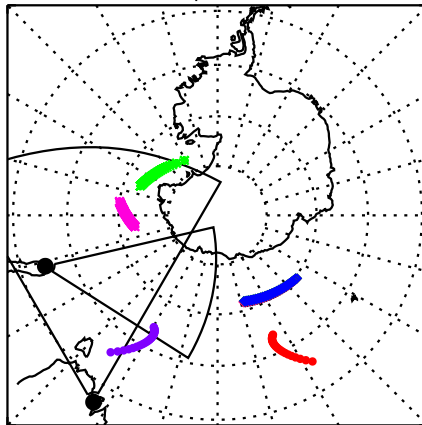
bpk sps tig unw



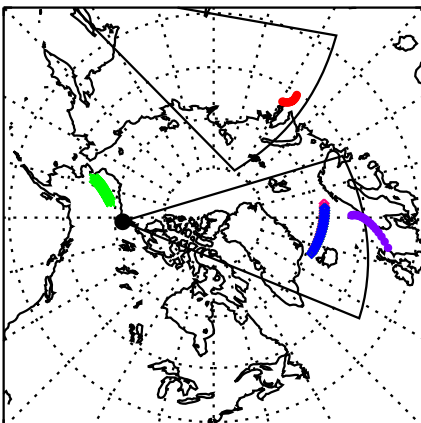
(e) 1805UT to 2010UT
adw hkw hok ksr



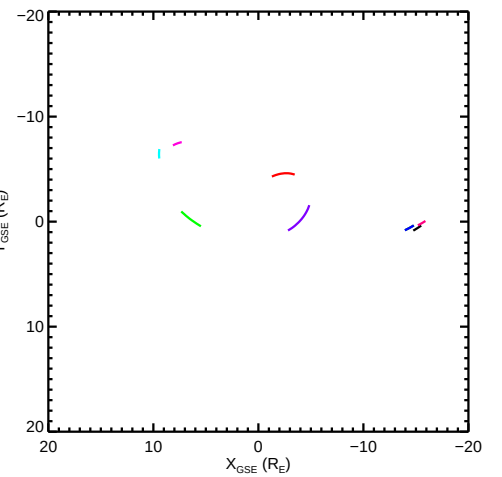
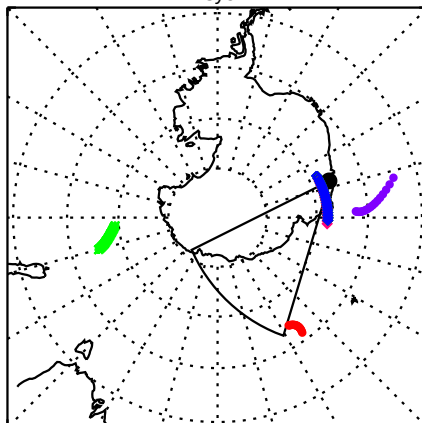
bpk unw



(f) 2215UT to 2355UT
hkw inv



syx

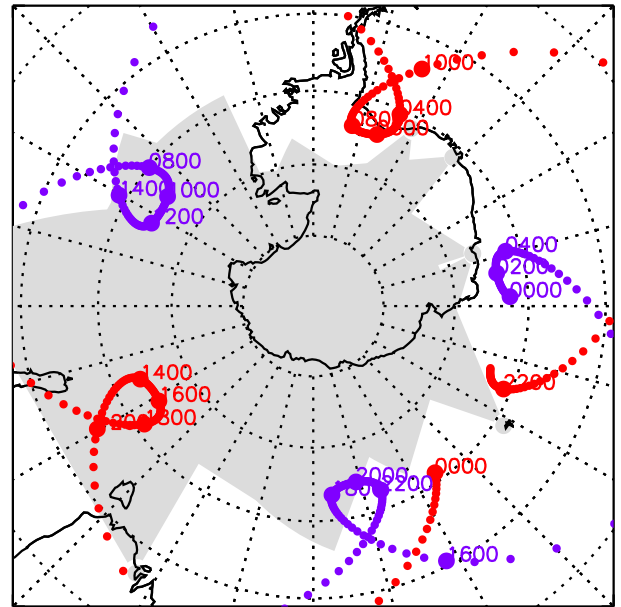
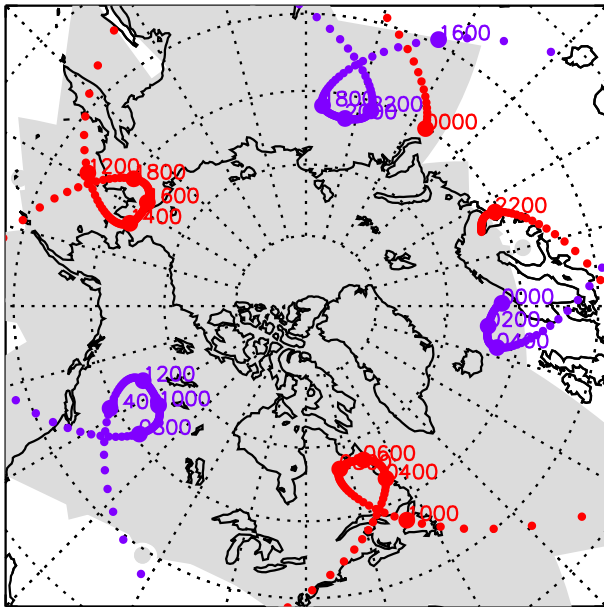


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

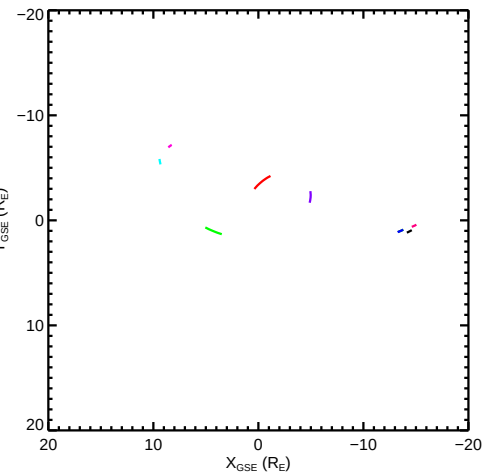
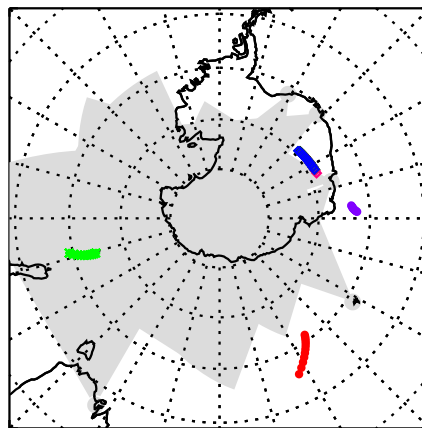
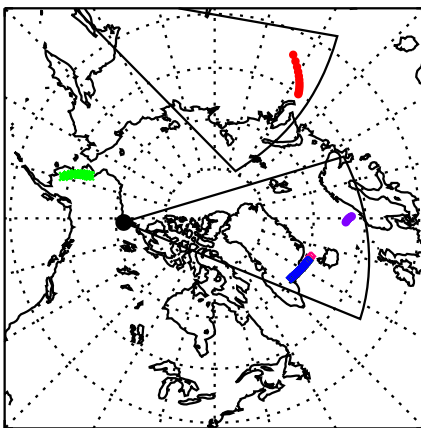
28-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

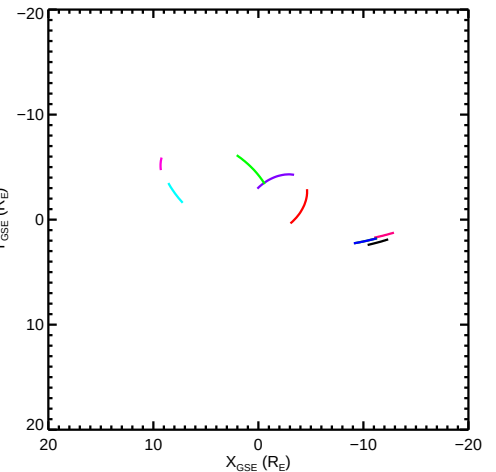
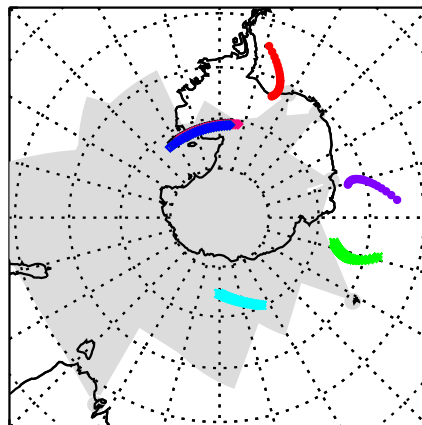
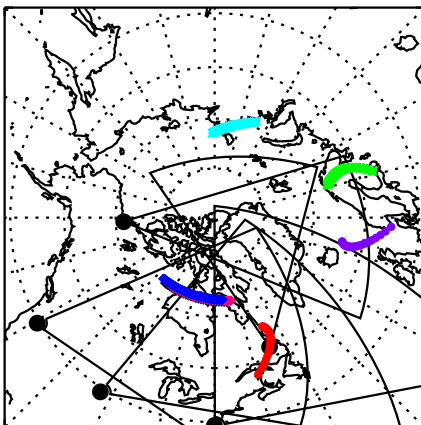
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



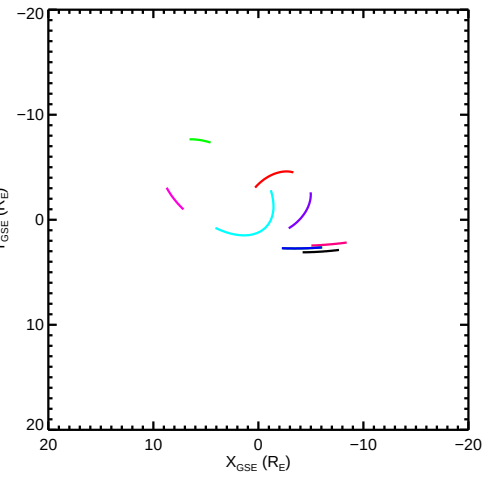
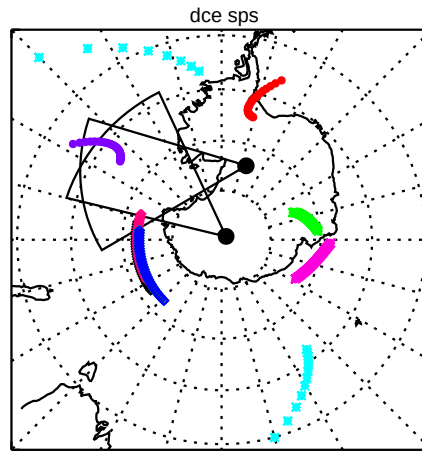
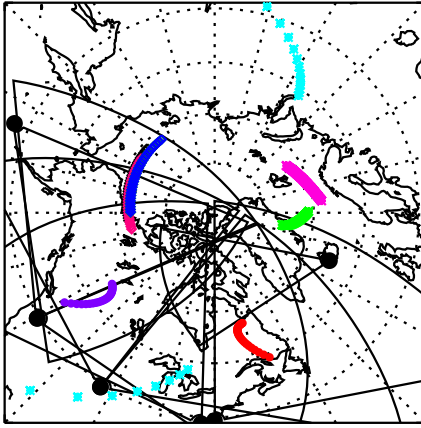
(a) 0000UT to 0055UT
hkw inv



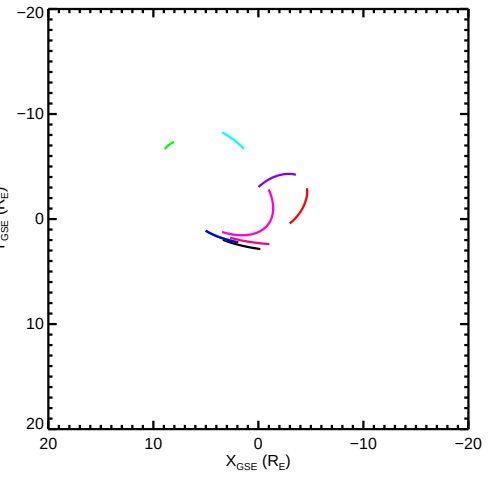
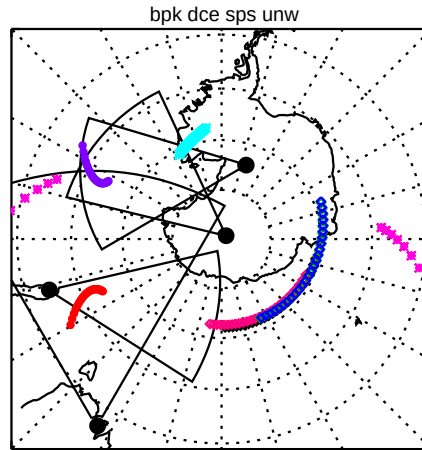
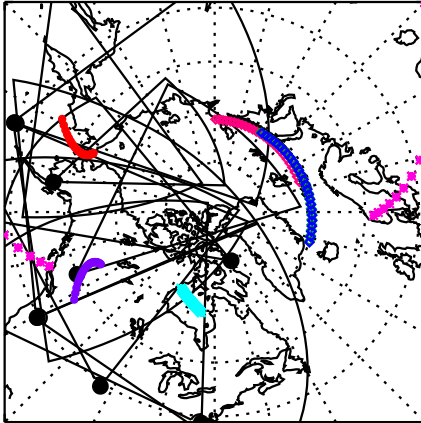
(b) 0305UT to 0515UT
cve the gbr inv wal



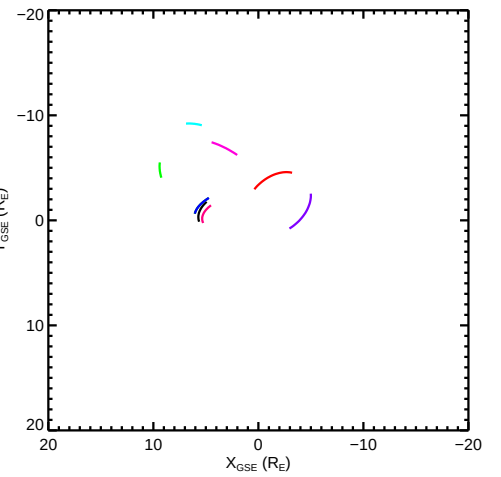
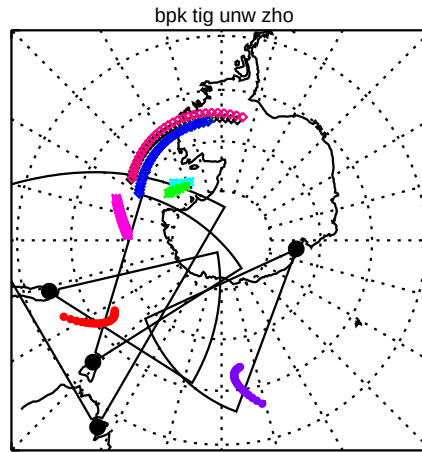
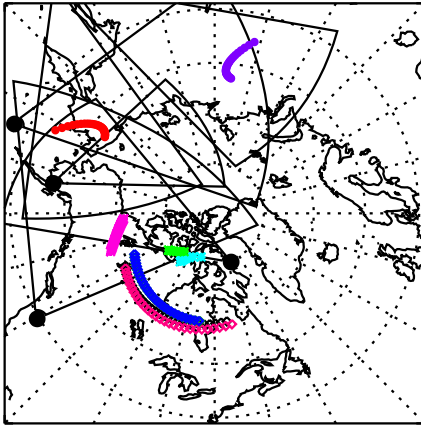
(c) 0720UT to 0950UT
ade bks cve cvw fhw sto wal



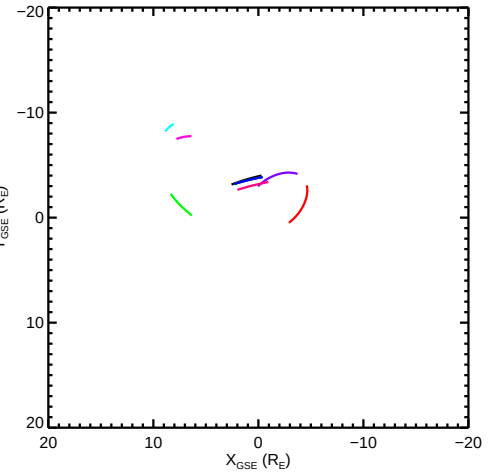
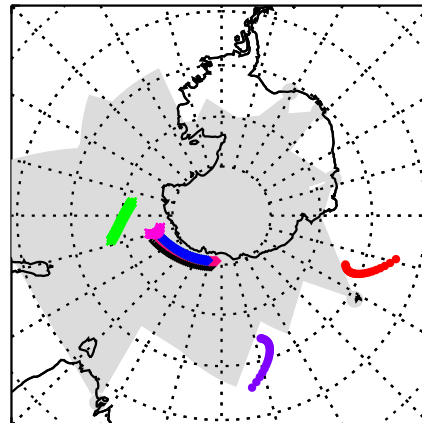
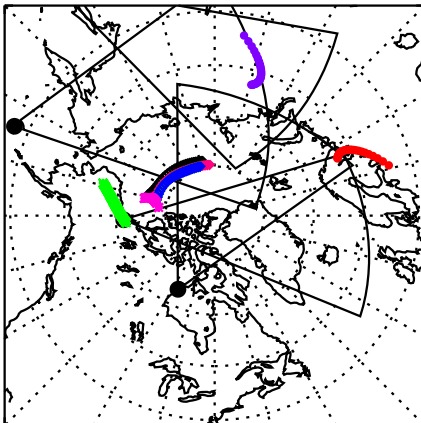
(d) 1200UT to 1415UT
ade adw bks cly cve cvw fhw hok ksr pgr



(e) 1625UT to 1850UT
adw cly cvw hkw hok ksr



(f) 2055UT to 2320UT
adw hkw inv rkn

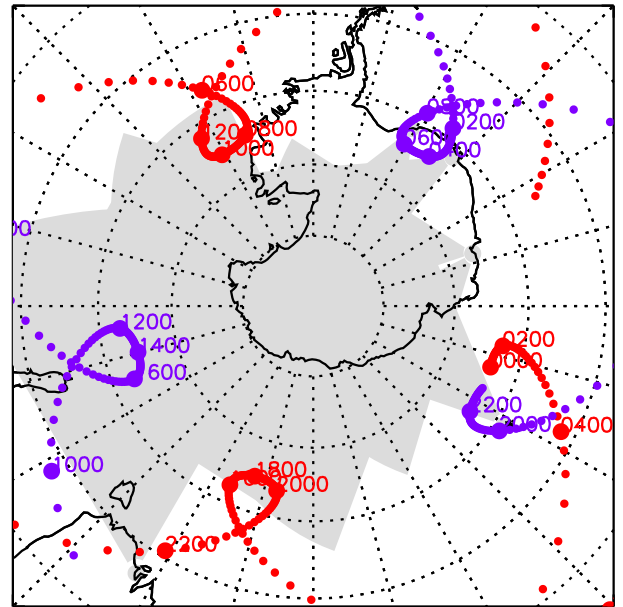
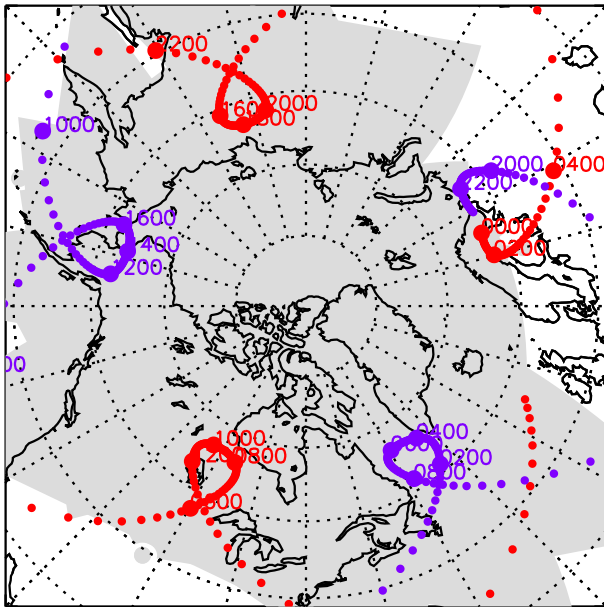


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

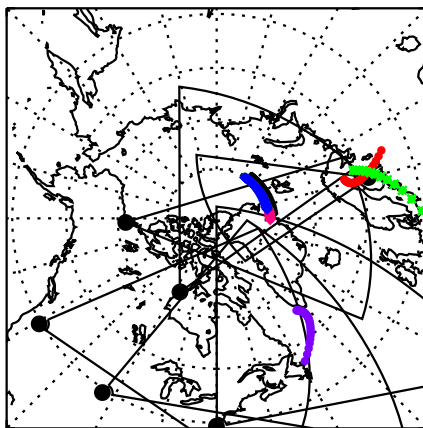
29-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

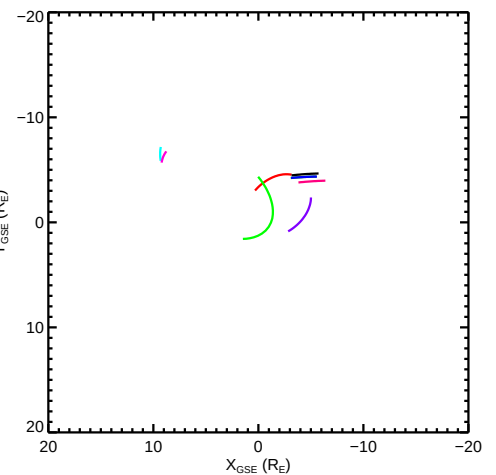
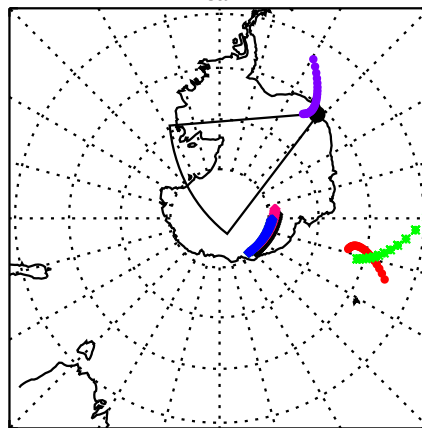
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



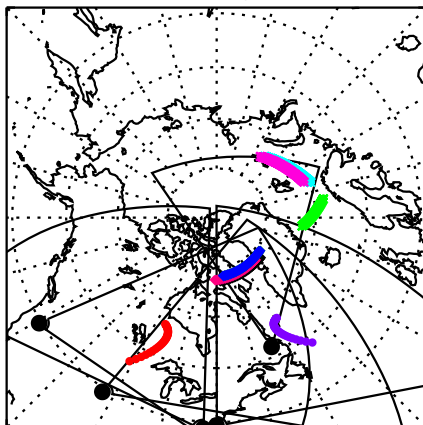
(a) 0125UT to 0345UT
cve the han inv rkn wal



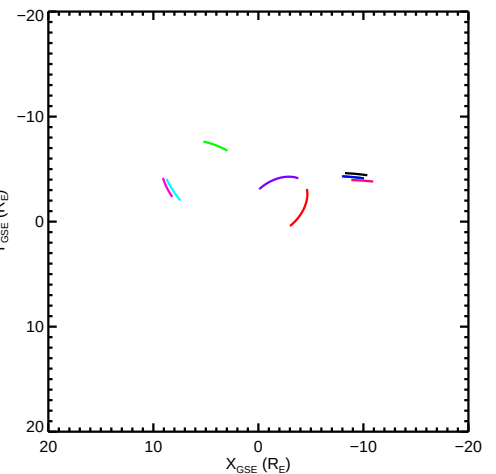
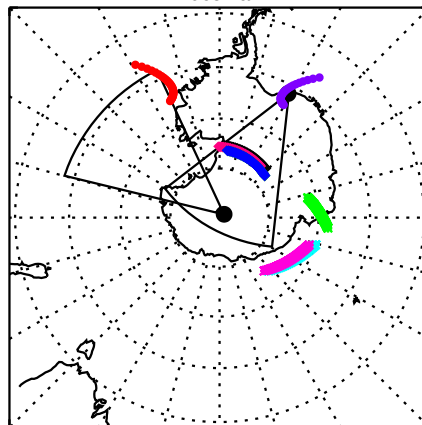
san



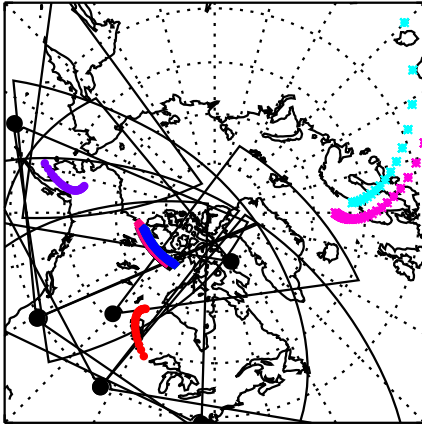
(b) 0555UT to 0820UT
bks cve the gbr wal



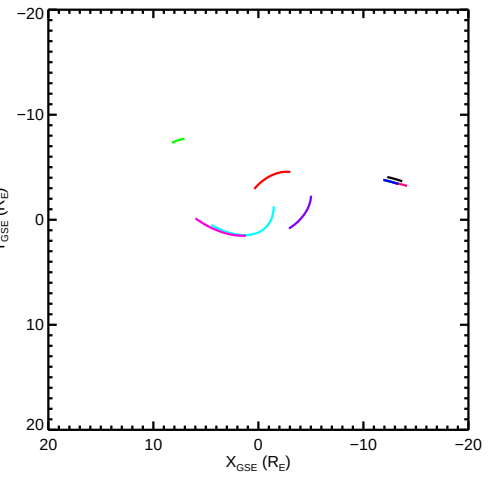
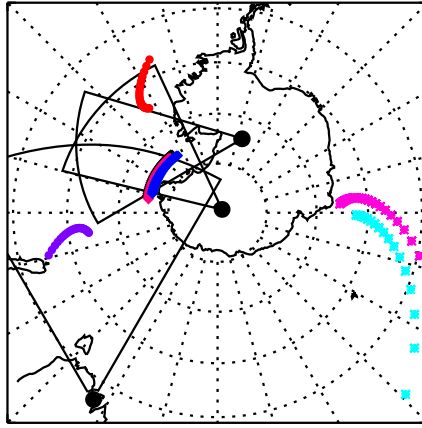
dce hal



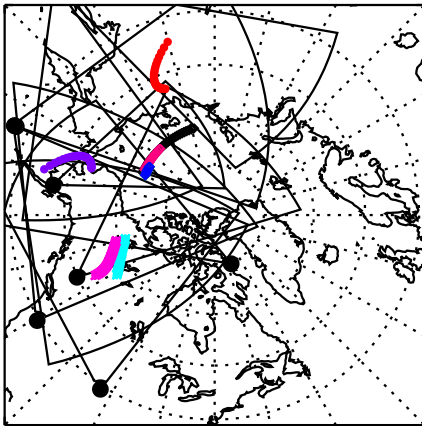
(c) 1030UT to 1245UT
ade bks cly cve cvw fhw hok sas



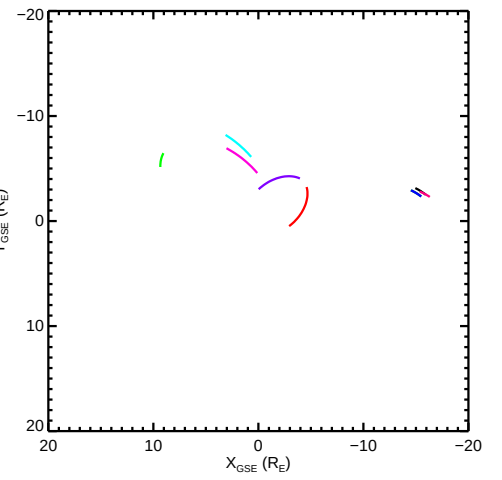
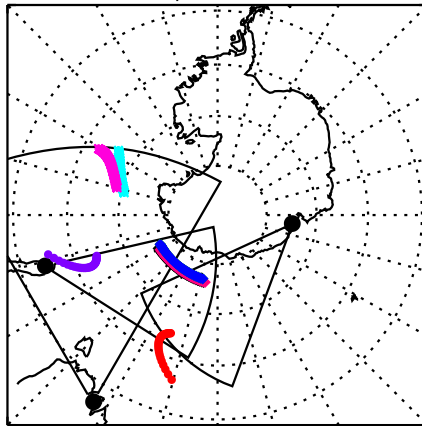
bpk dce sps



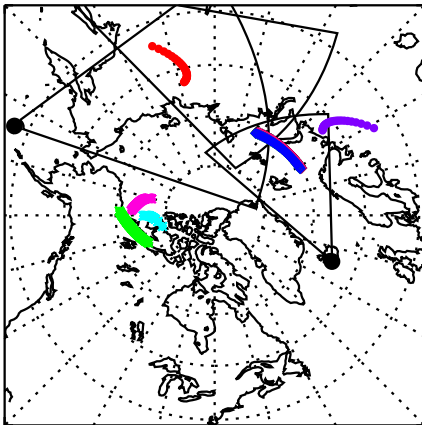
(d) 1450UT to 1725UT
ade adw cly cvw fhw hkw hok ksr pgr



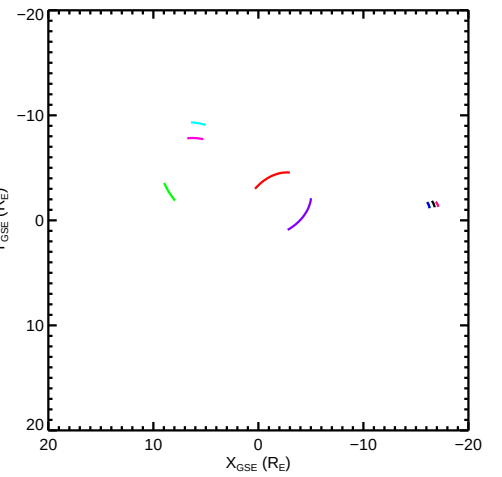
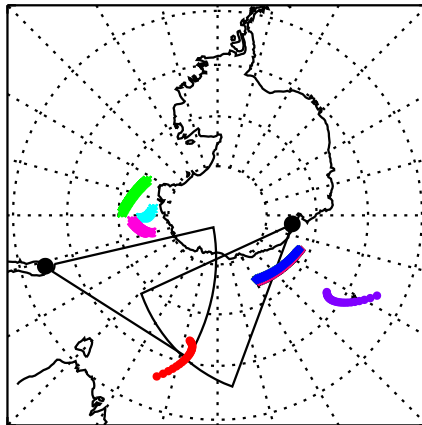
bpk unw zho



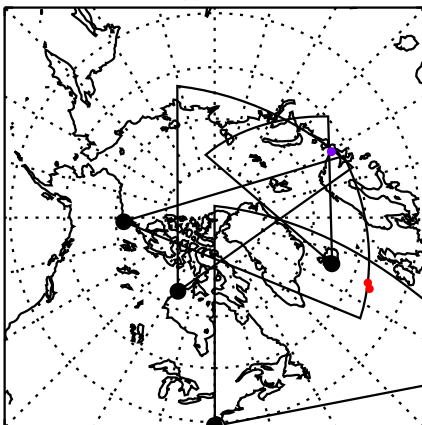
(e) 1930UT to 2140UT
adw hkw pyk



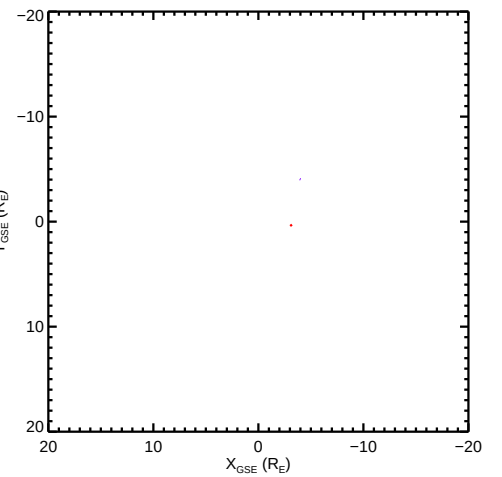
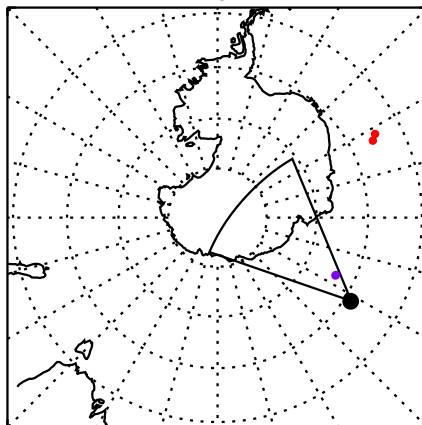
unw zho



(f) 2350UT to 2355UT
inv pyk rkn wal



ker

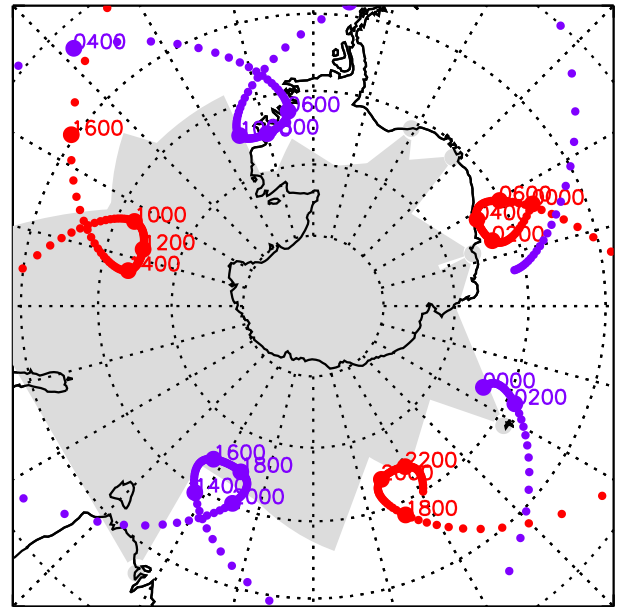
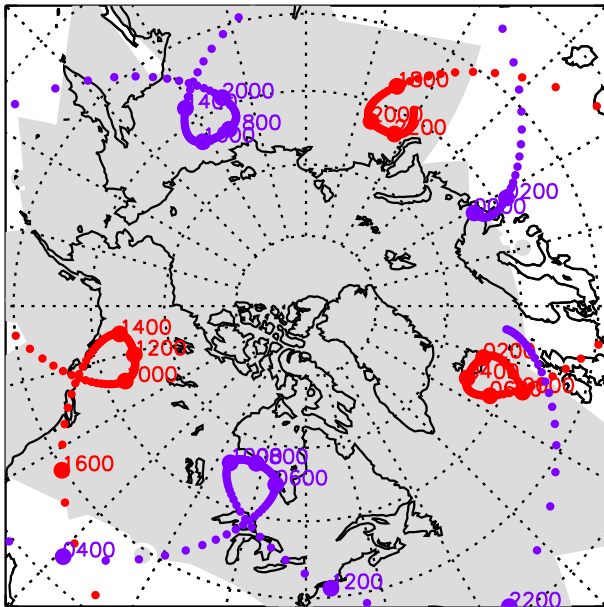


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

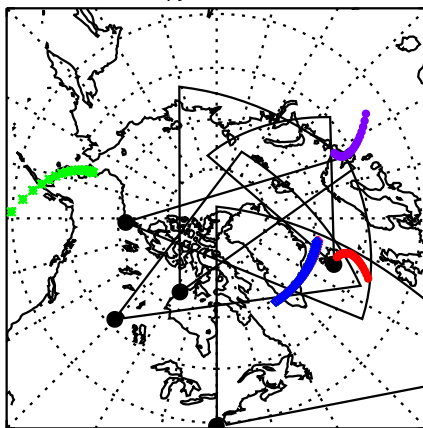
30-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

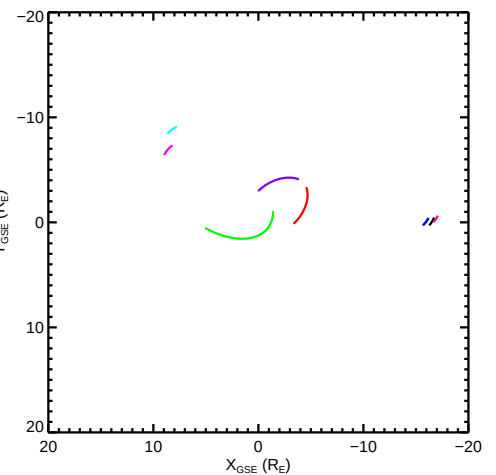
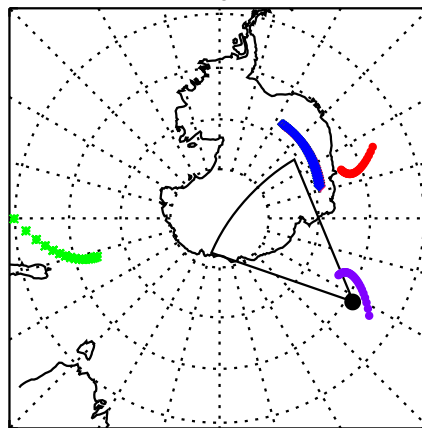
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



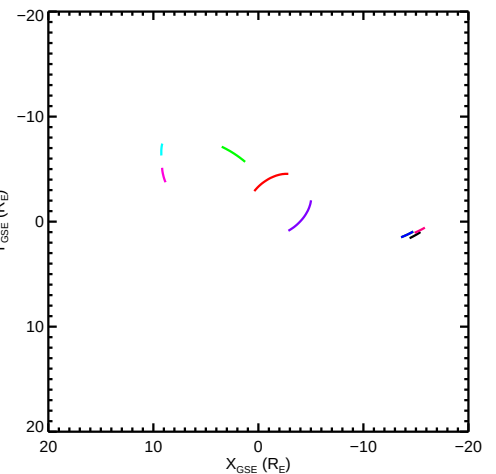
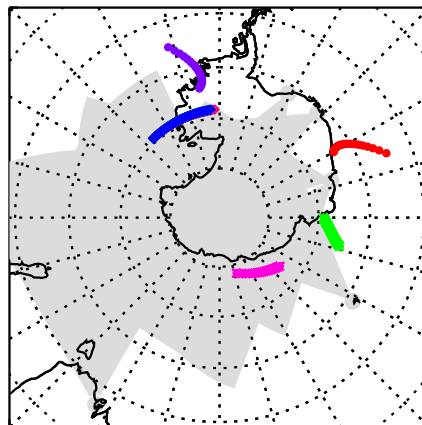
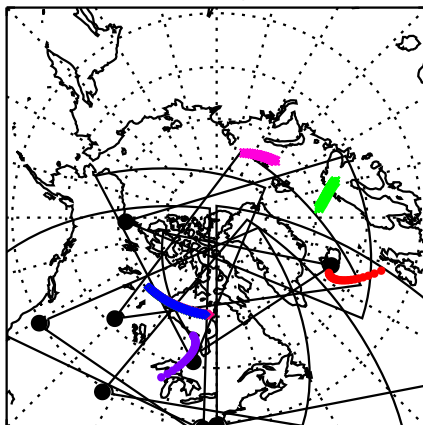
(a) 0000UT to 0230UT
inv pyk rkn sas wal



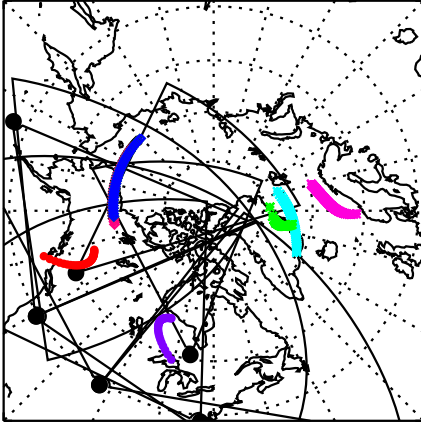
ker



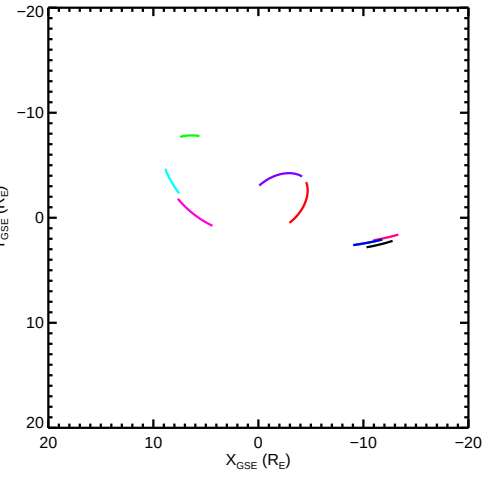
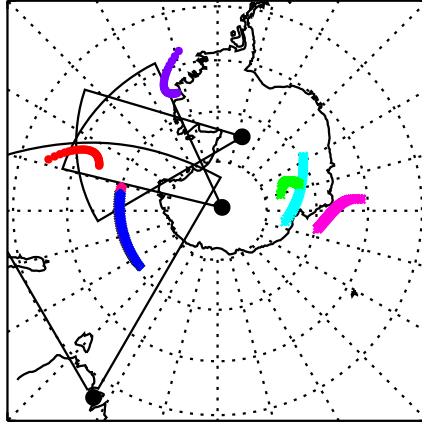
(b) 0435UT to 0640UT
bks cve the inv kap sas sto wal



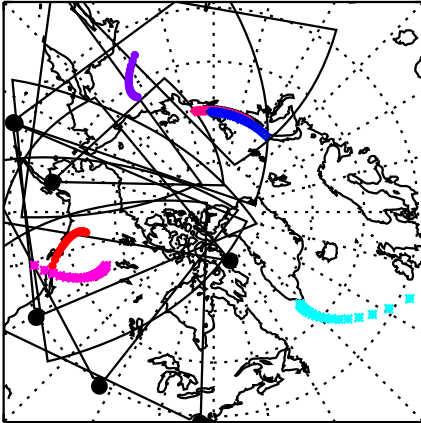
(c) 0845UT to 1130UT
ade bks cve cvw fhe fhw kap pgr



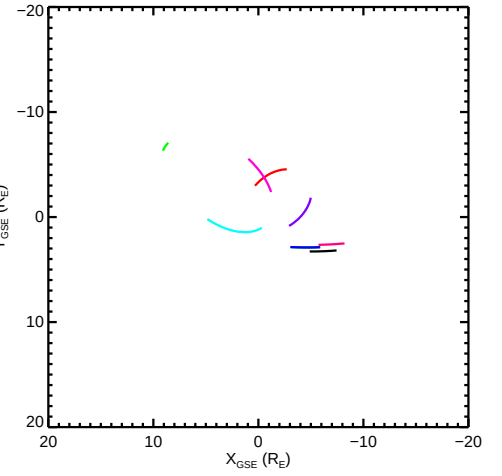
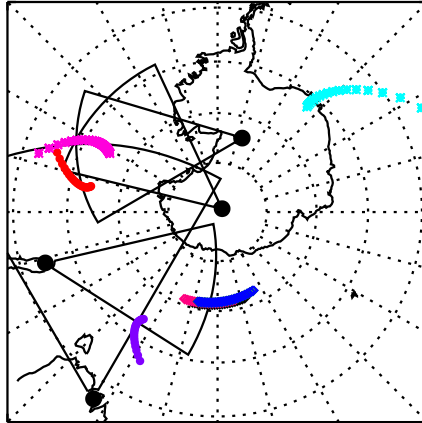
bpk dce sps



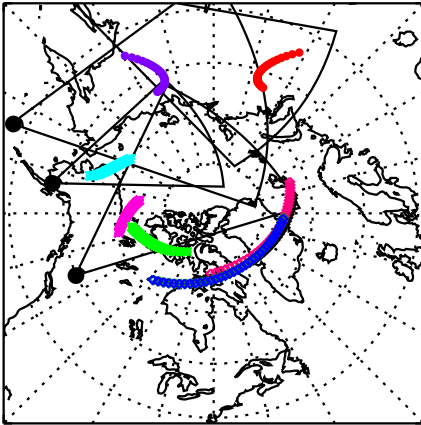
(d) 1340UT to 1535UT
ade adw bks cly cvw fhw hkw hok ksr



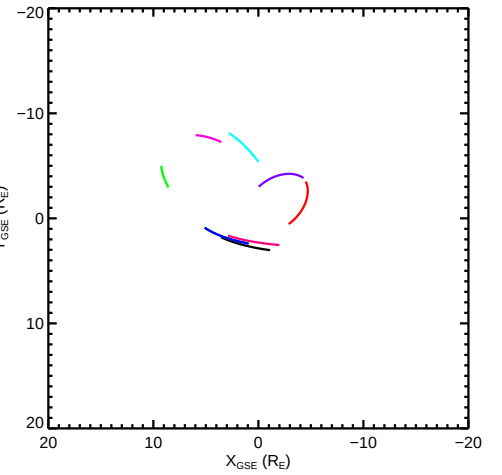
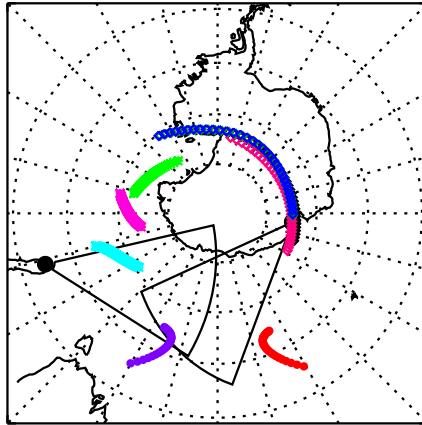
bpk dce sps unw



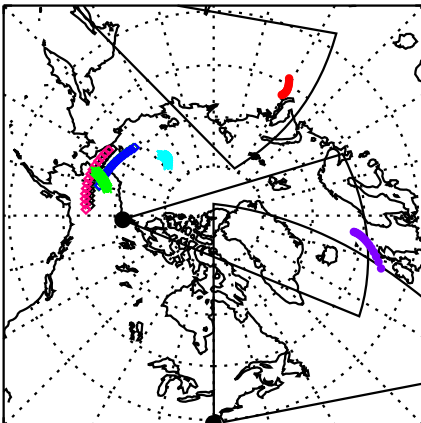
(e) 1740UT to 2035UT
adw hkw ksr pgr



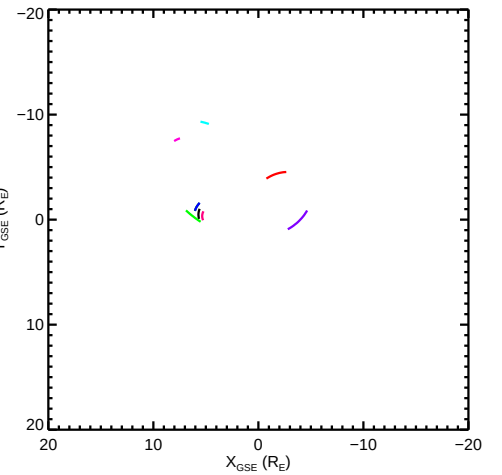
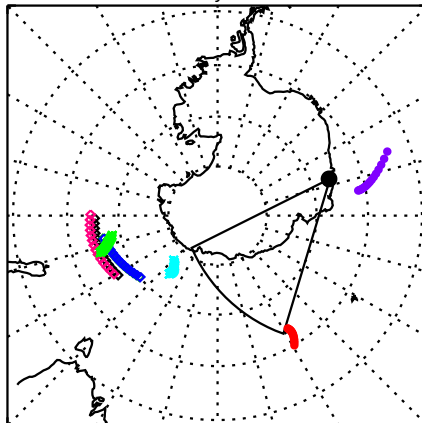
unw zho



(f) 2240UT to 2355UT
hkw inv wai



syx

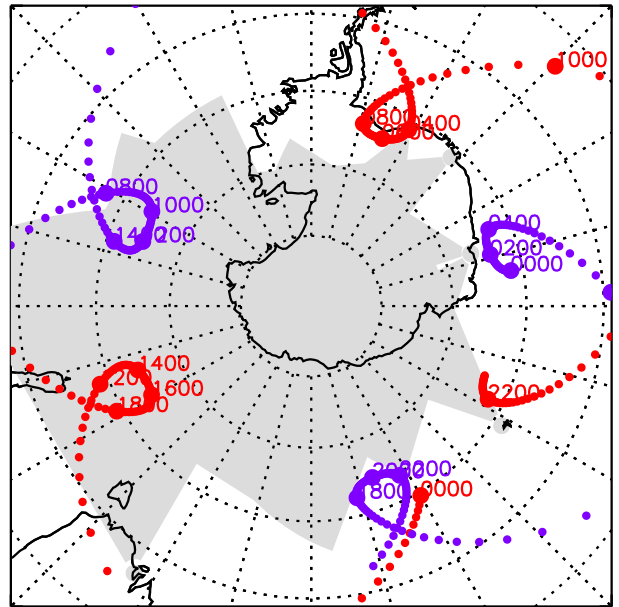
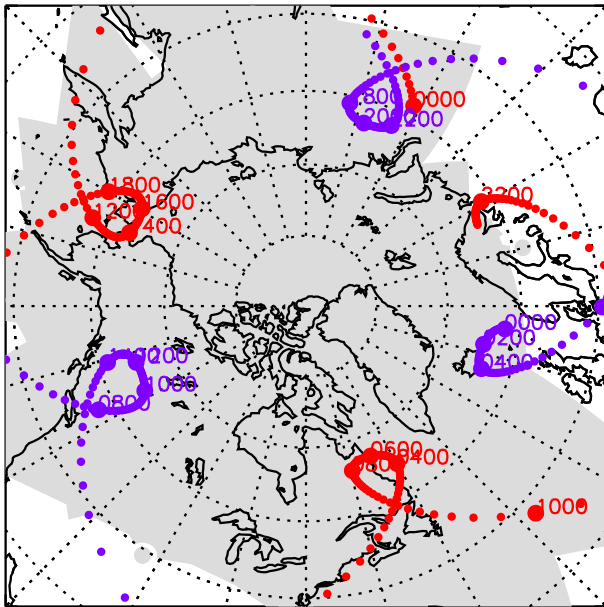


Predicted RBSP footprints (AACGM magnetic longitude and latitude)

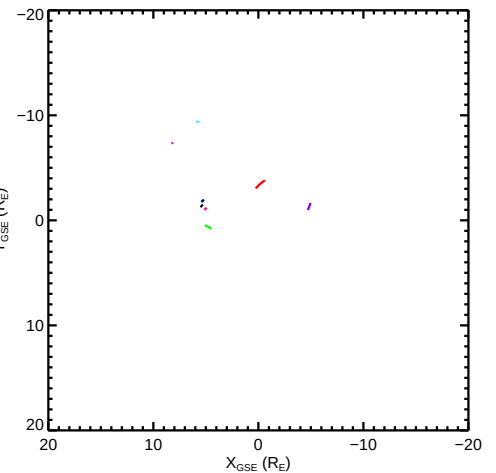
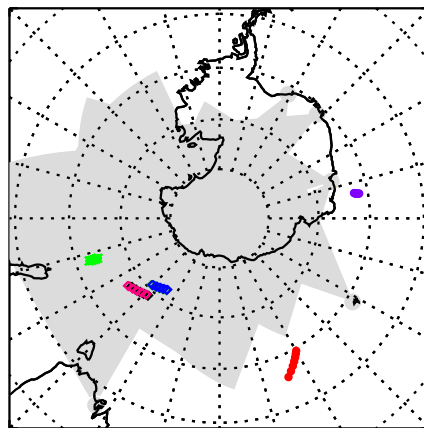
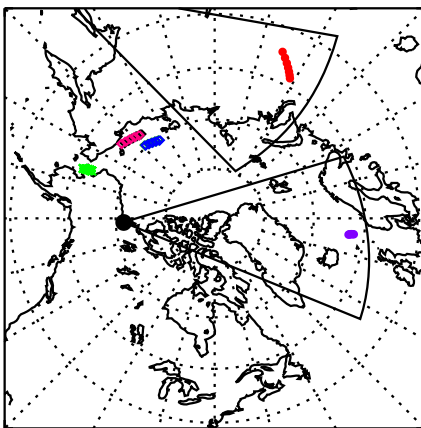
31-Aug-2016

Top row: 24h footprints: **RBSP-A** **RBSP-B**

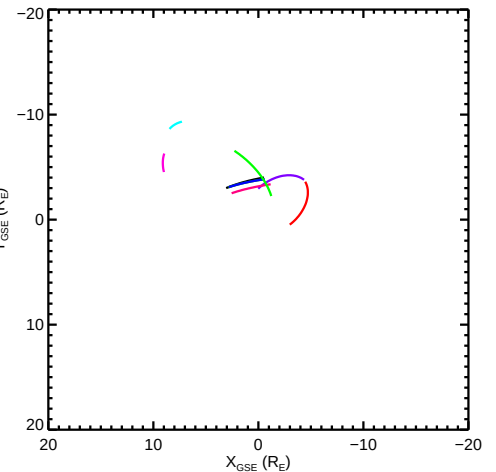
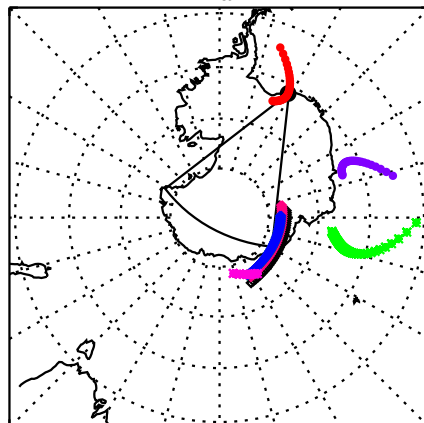
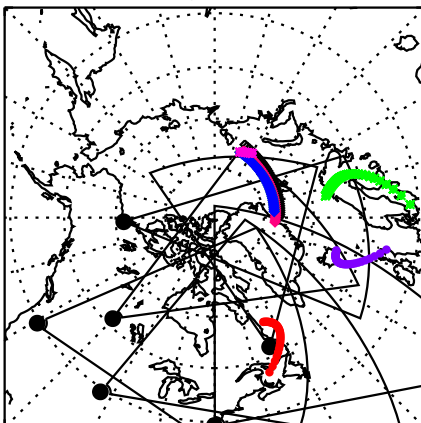
Bottom rows: Periods when both RBSP-A/B are at $r > 3R_E$. Also with: **C1** **C2** **C3** **C4** **THA** **THD** **THE**



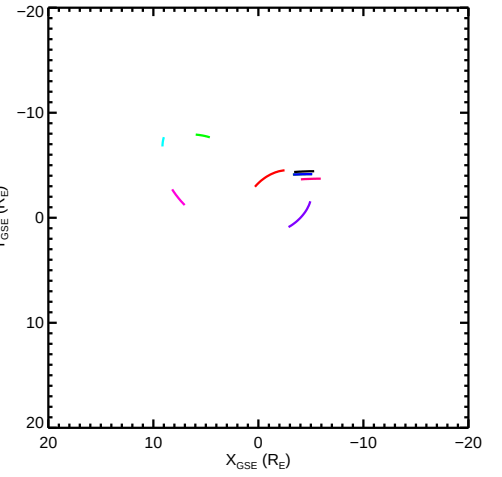
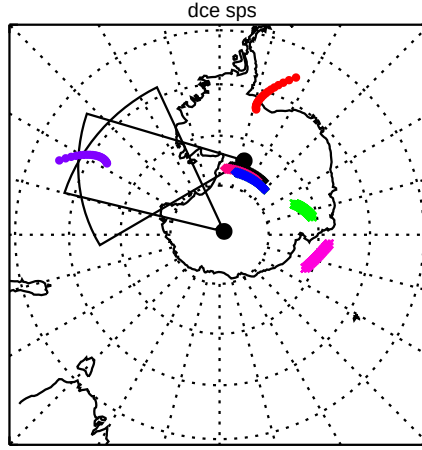
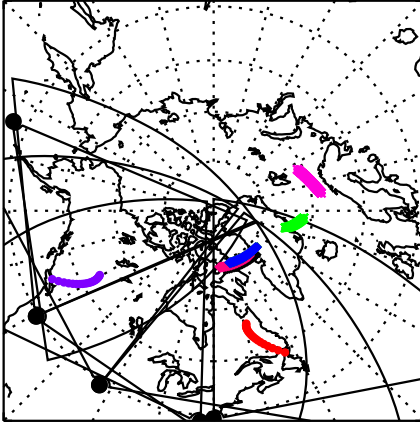
(a) 0000UT to 0030UT
hkw inv



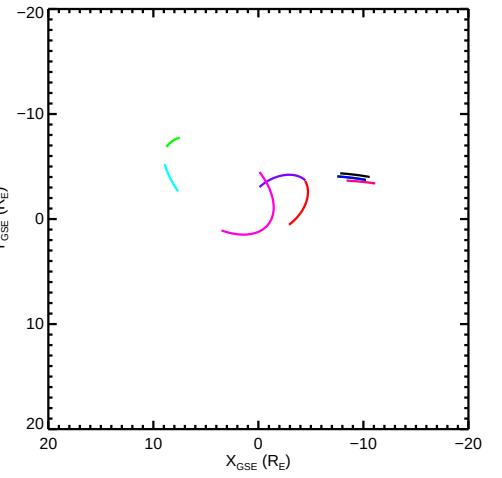
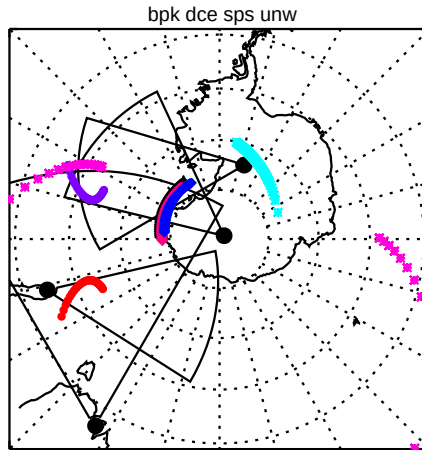
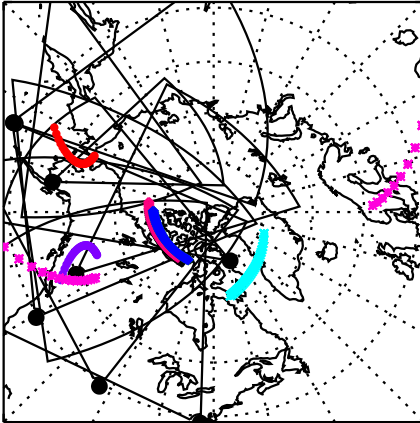
(b) 0240UT to 0540UT
cve the gbr inv sas wal



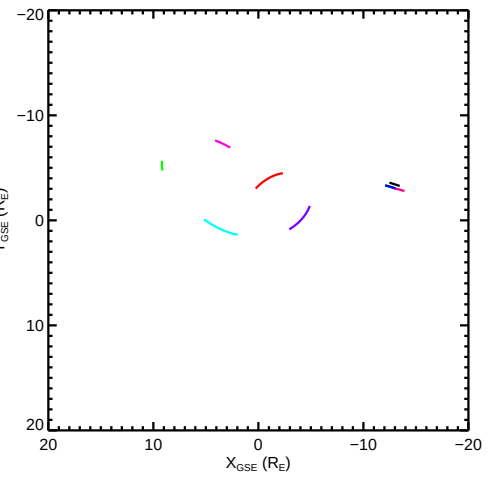
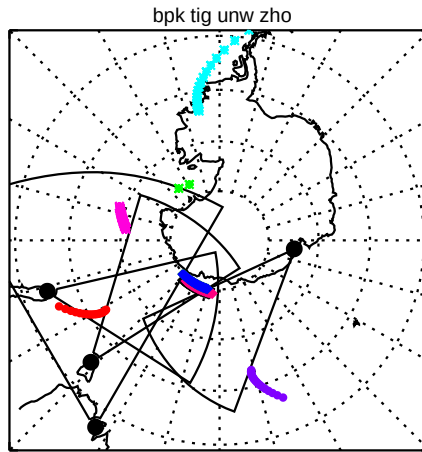
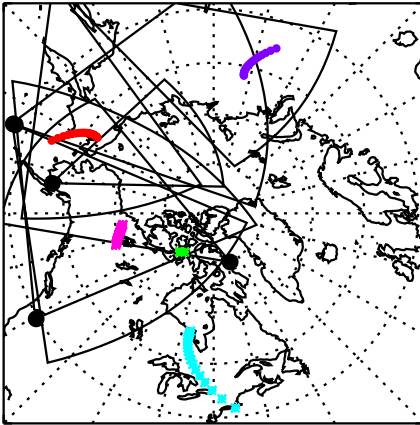
(c) 0745UT to 0930UT
ade bks cve cvw fhw wal



(d) 1135UT to 1440UT
ade adw bks cly cvw fhw hok ksr pgr



(e) 1650UT to 1825UT
ade adw cly cvw hkw hok ksr



(f) 2035UT to 2345UT
adw hkw inv pyk rkn

