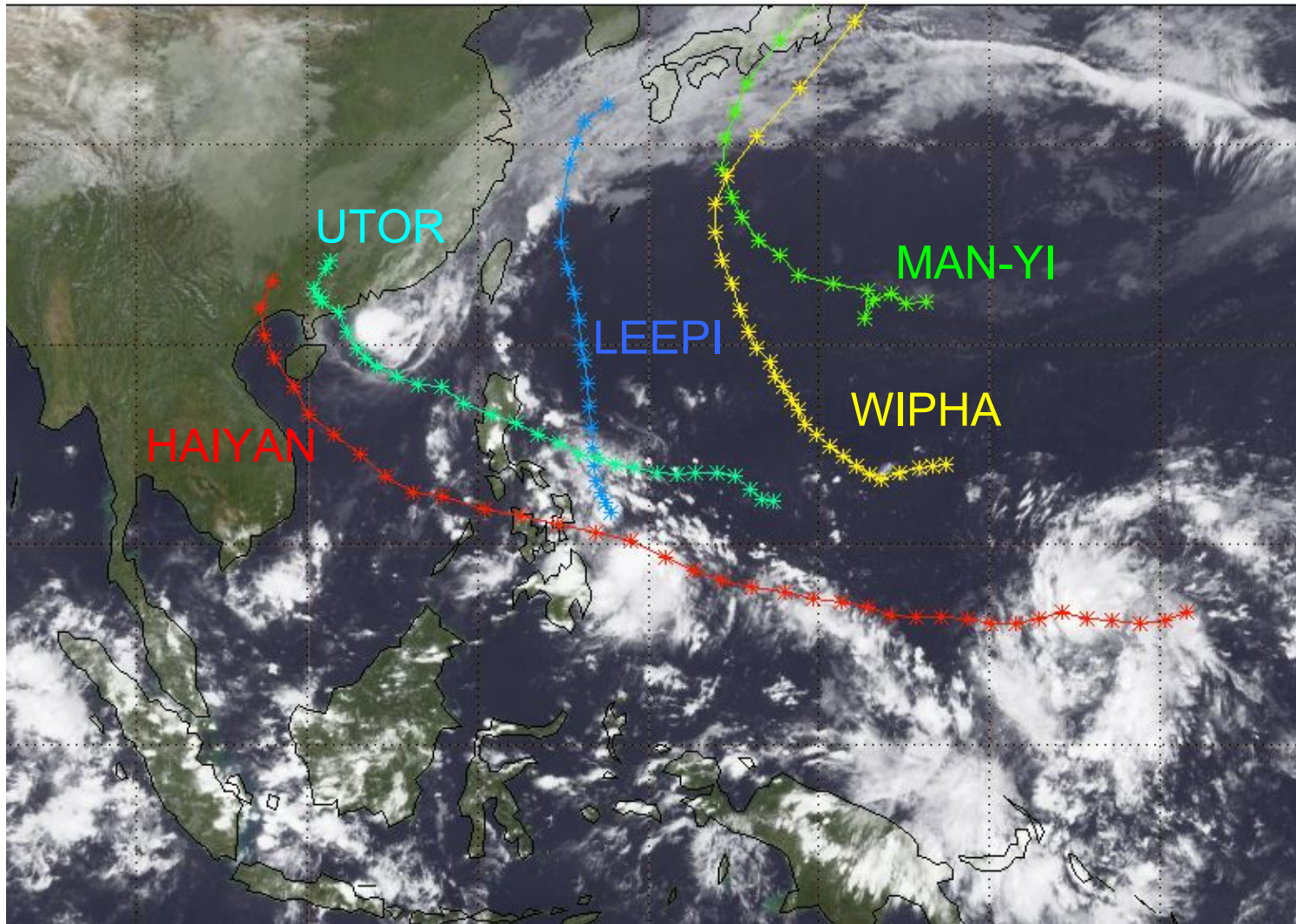


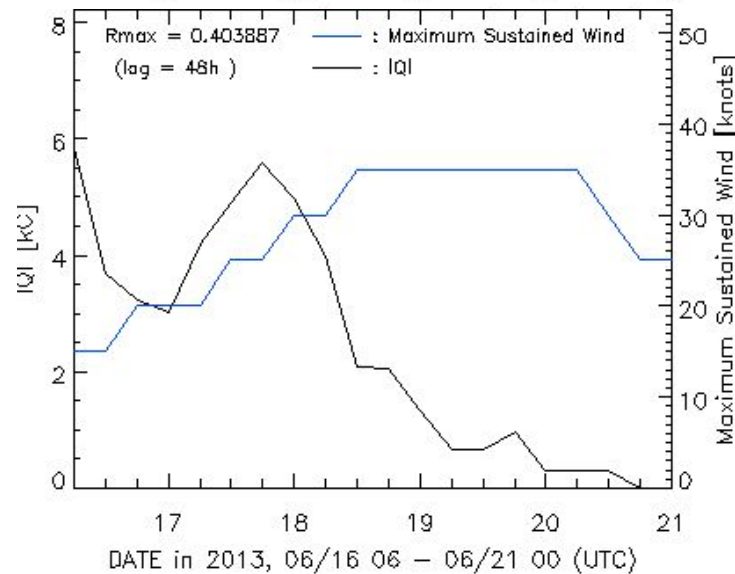
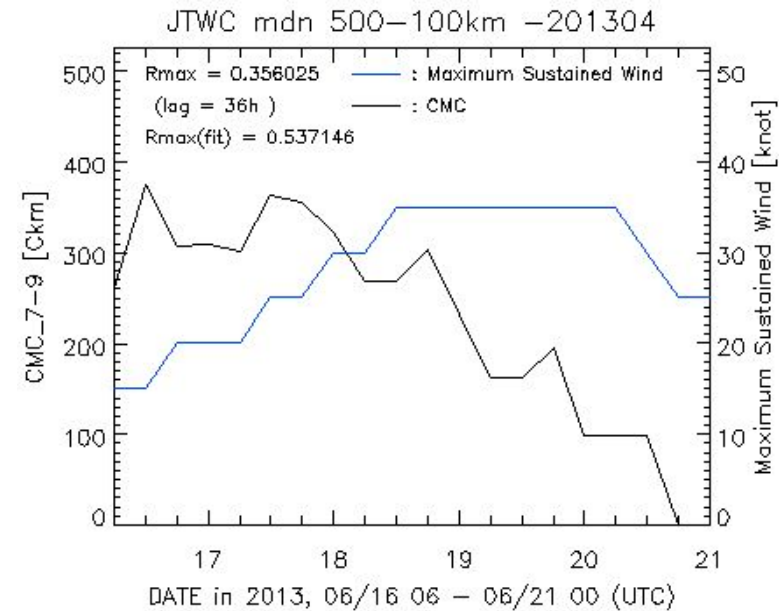
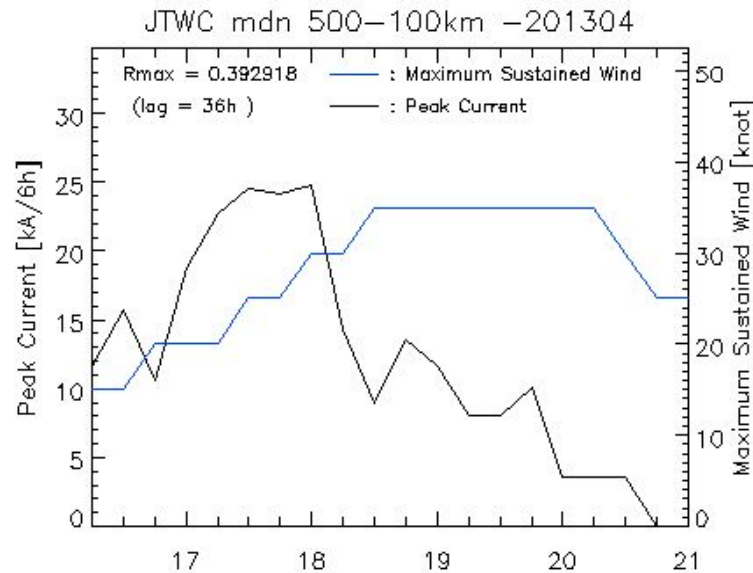
Appendix

(for EOU seminar on May 26, 2013)



Result & Discussion LEEPI (Rainband)

Each value of electric property is median value every 6 hours

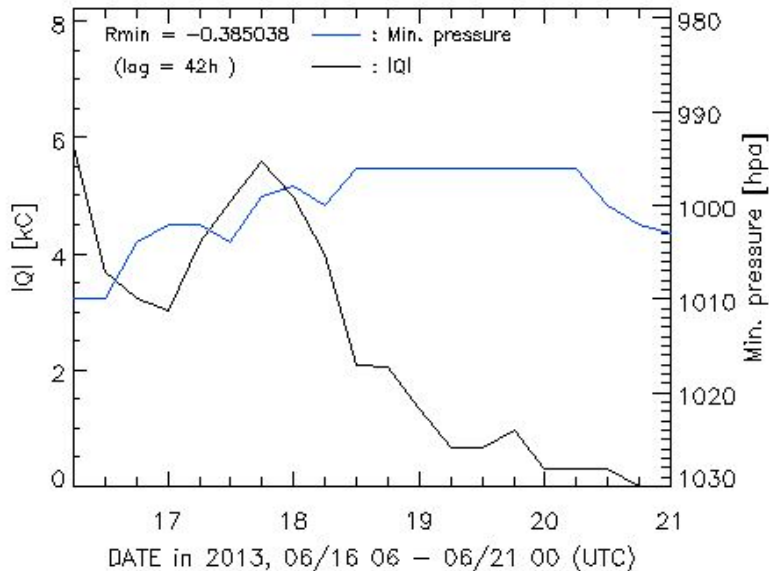
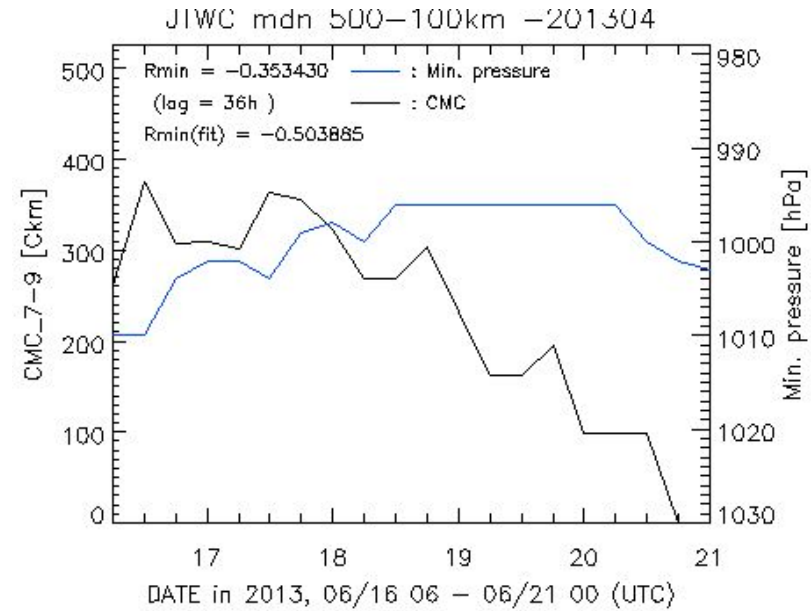
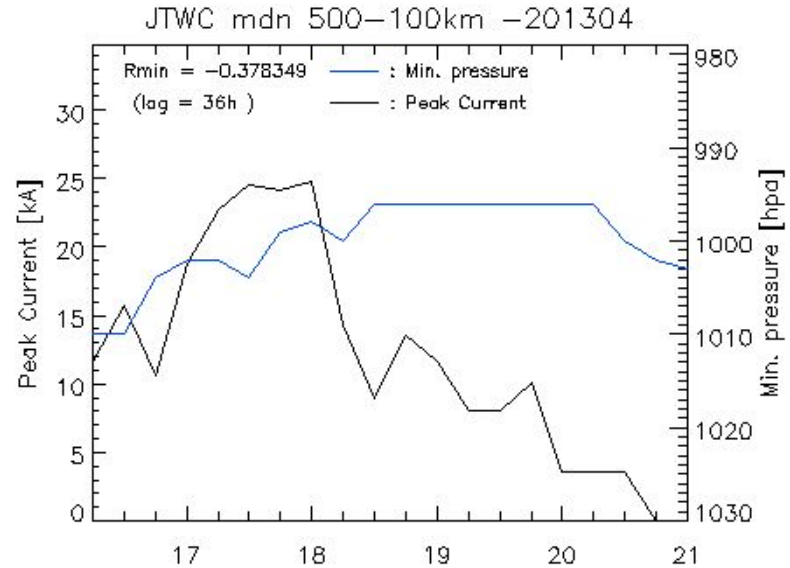


Parameter	R	lag [h]
Ip	0.39	36
CMC	0.36	36
Q	0.40	48

All calculated events: 75

Result & Discussion LEEPI (Rainband)

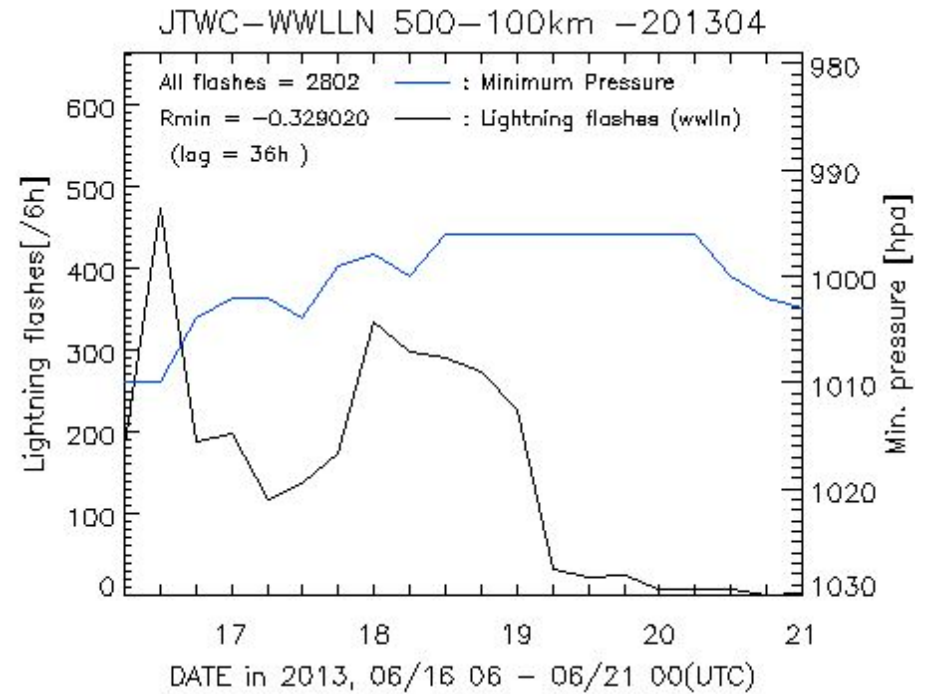
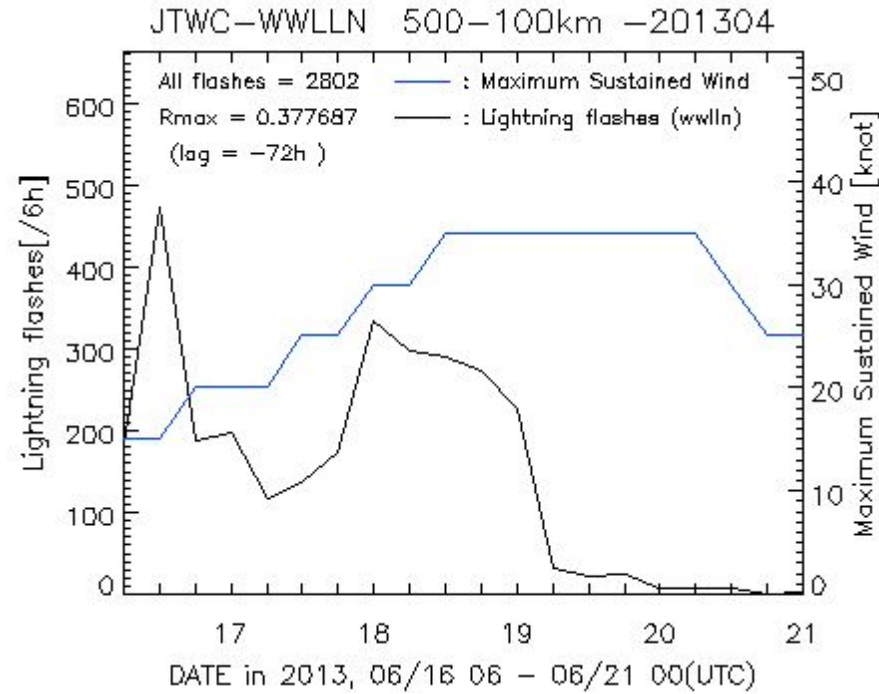
Each value of electric property is median value every 6 hours



Parameter	R	lag [h]
Ip	-0.38	36
CMC	-0.35	36
Q	-0.39	42

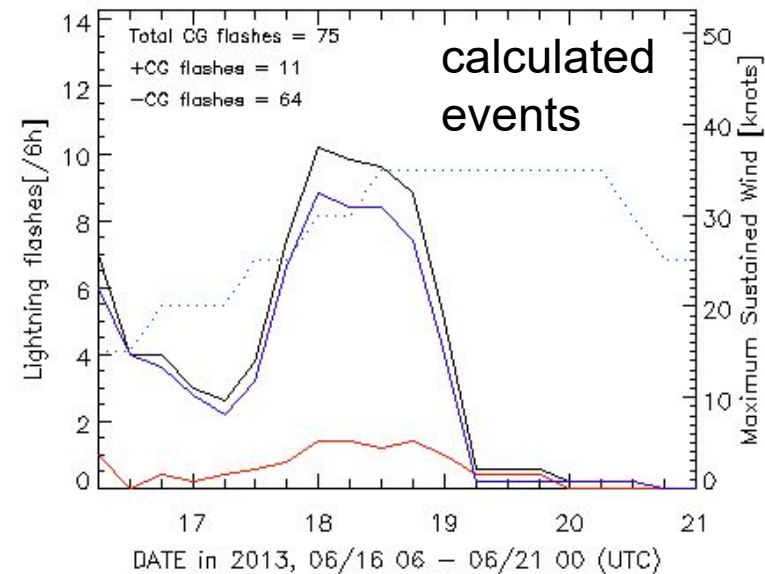
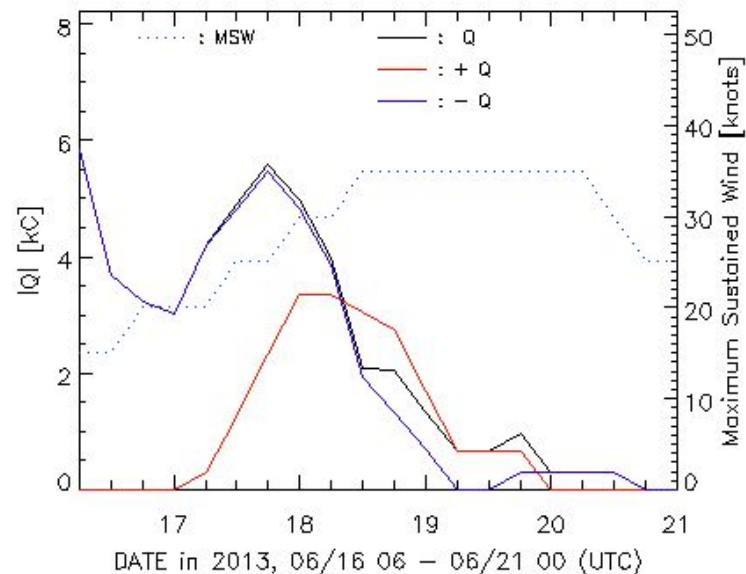
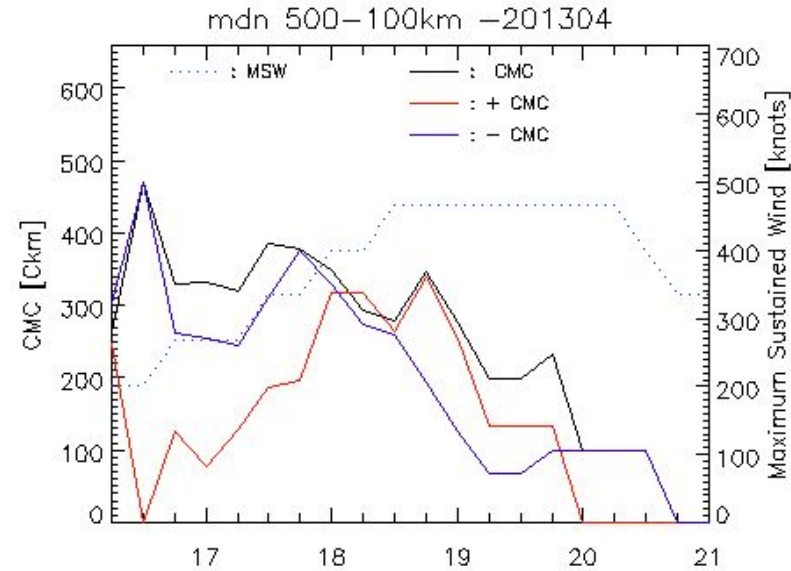
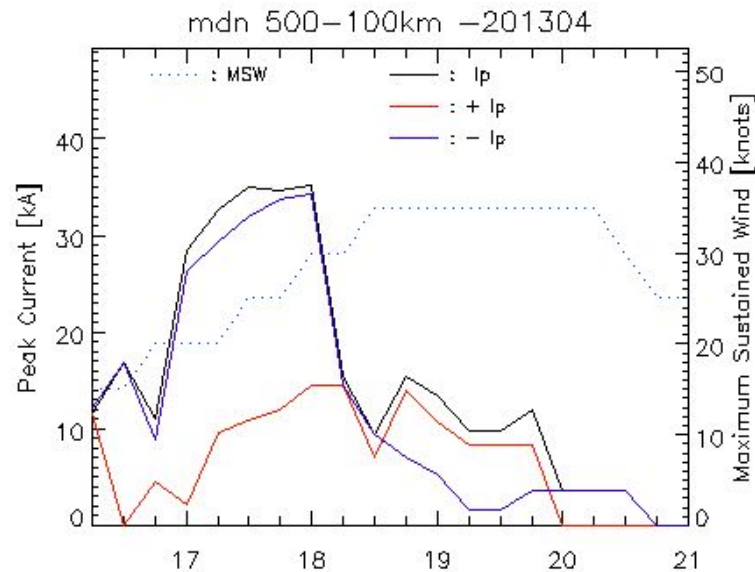
All calculated events: 75

Result & Discussion LEEPI



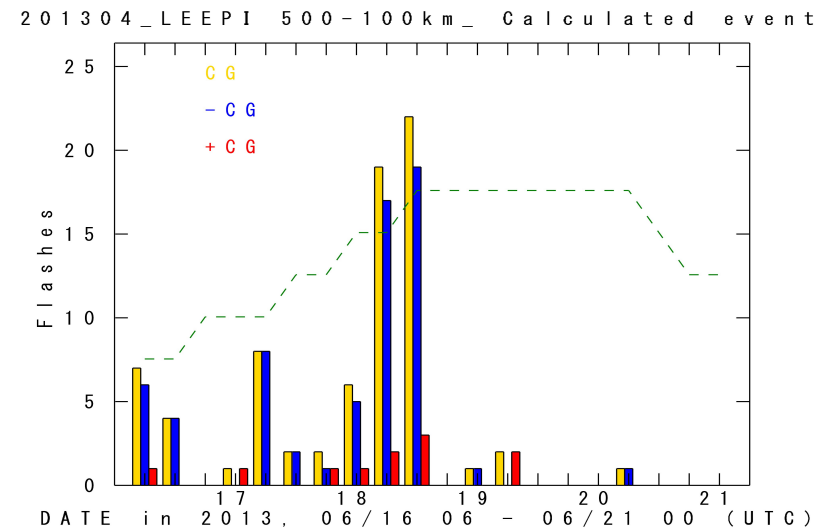
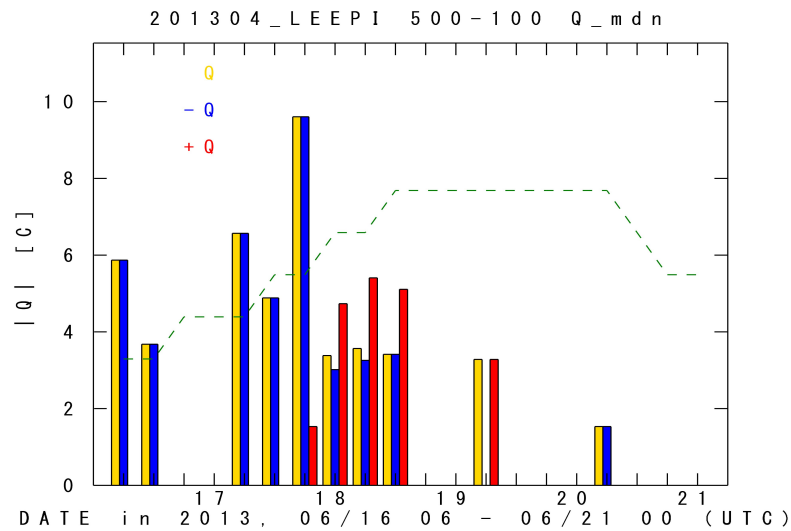
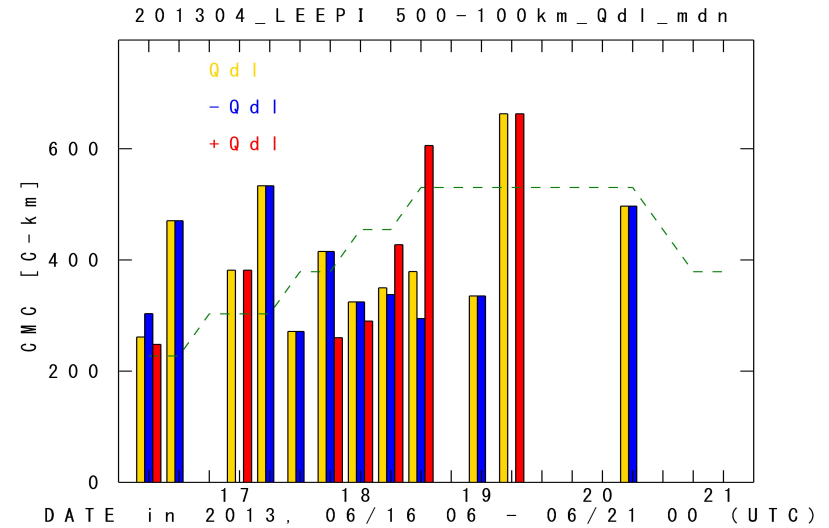
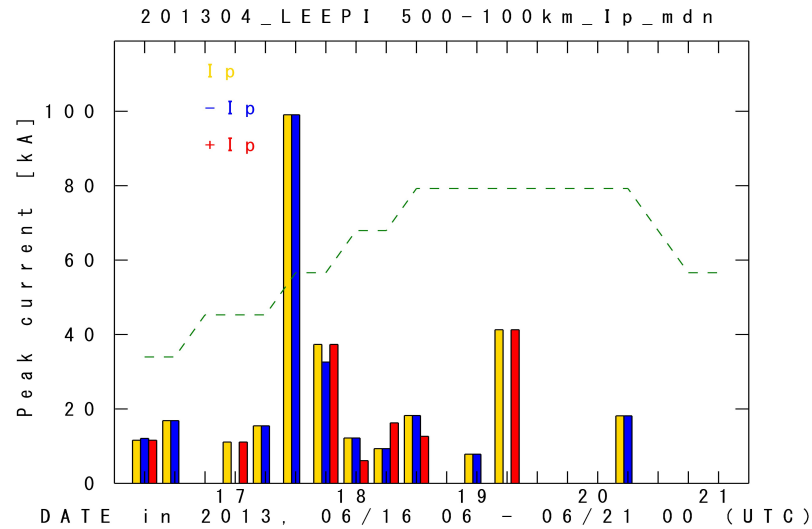
Result & Discussion LEEPI (Rainband)

Each value of electric property is median value every 6 hours



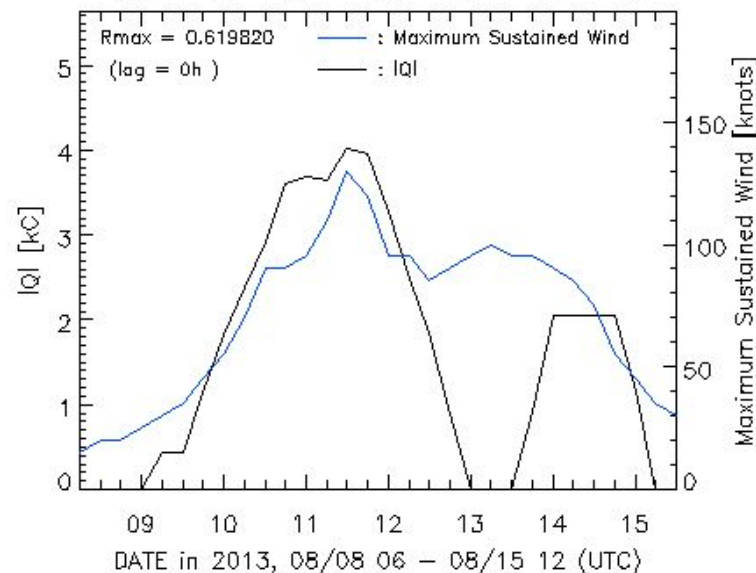
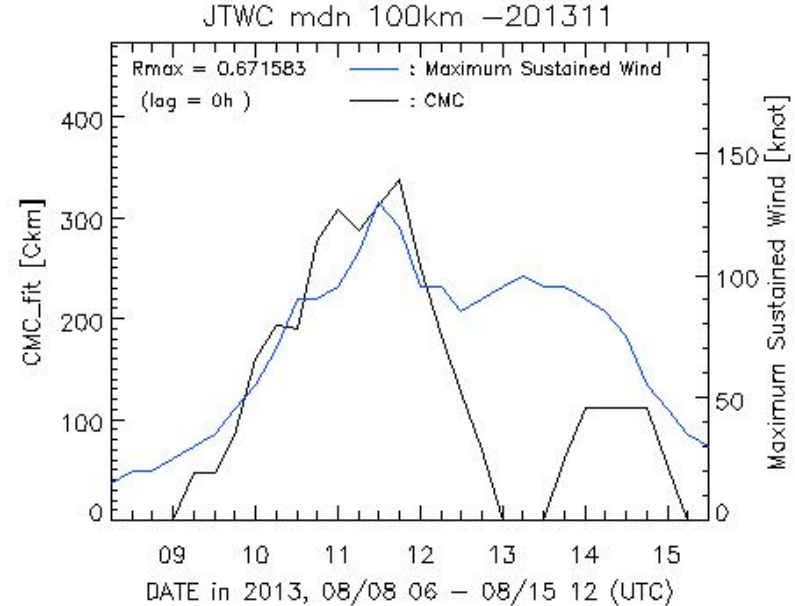
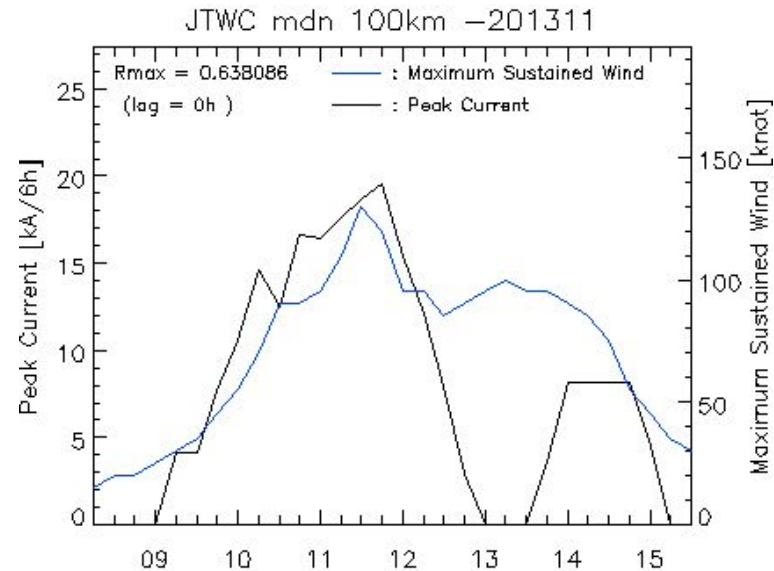
Result & Discussion LEEPI

Each value of electric property is median value every 6 hours



Result & Discussion UTOR (Inner Core)

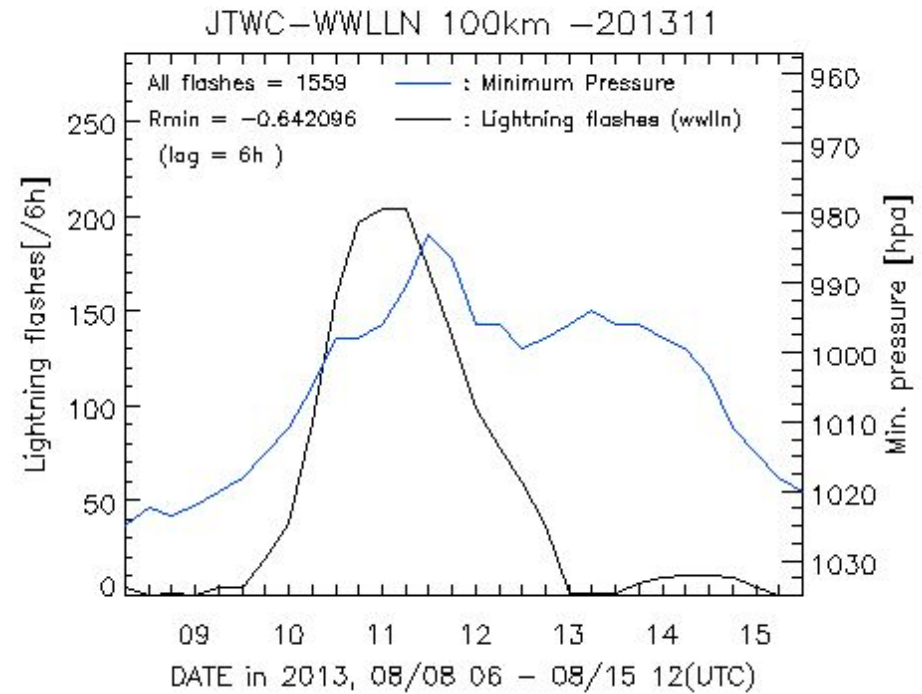
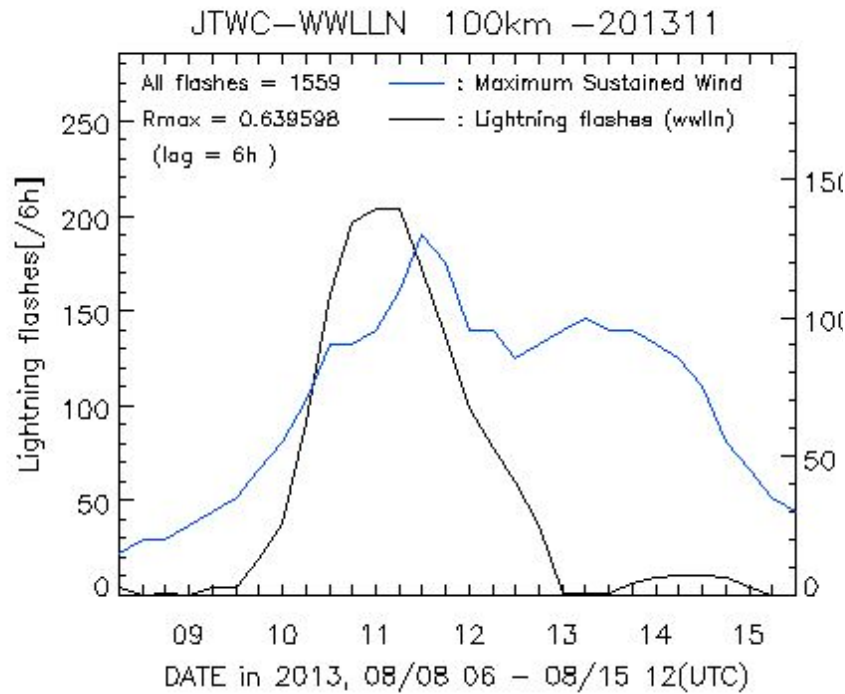
Each value of electric property is median value every 6 hours



Parameter	R	lag [h]
Ip	0.64	0
CMC	0.67	0
Q	0.62	0

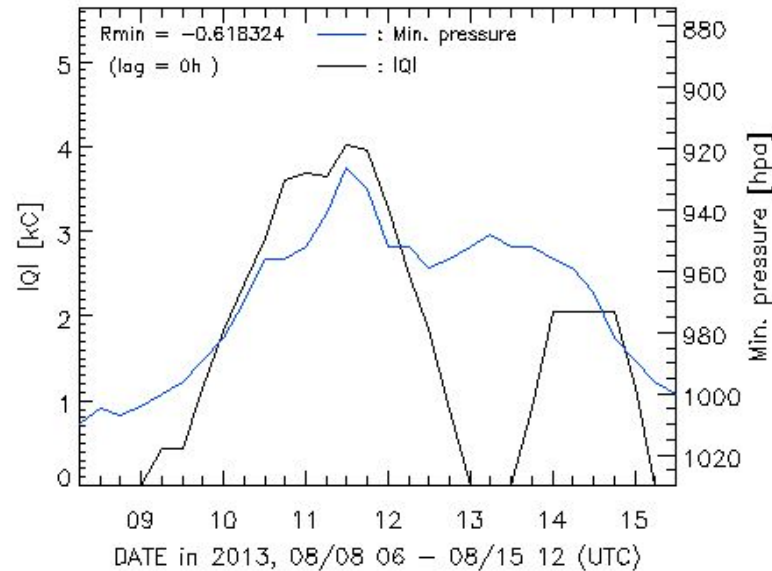
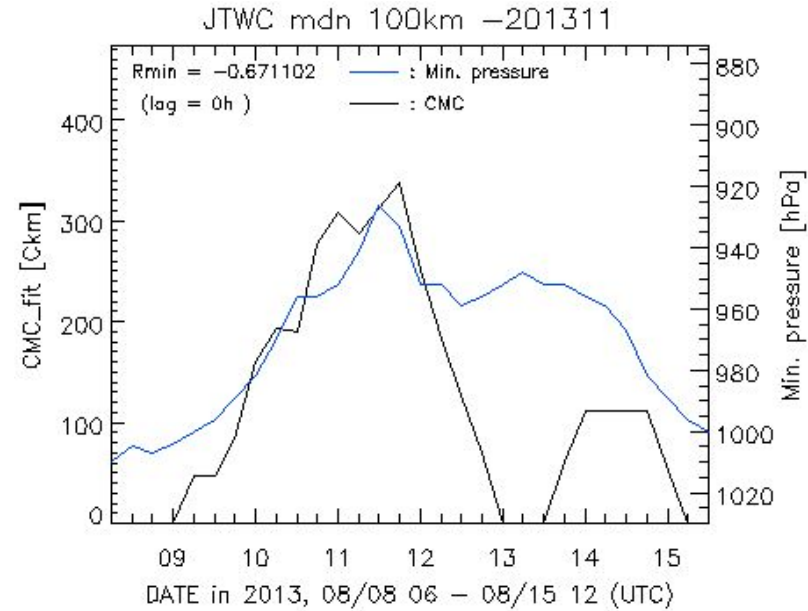
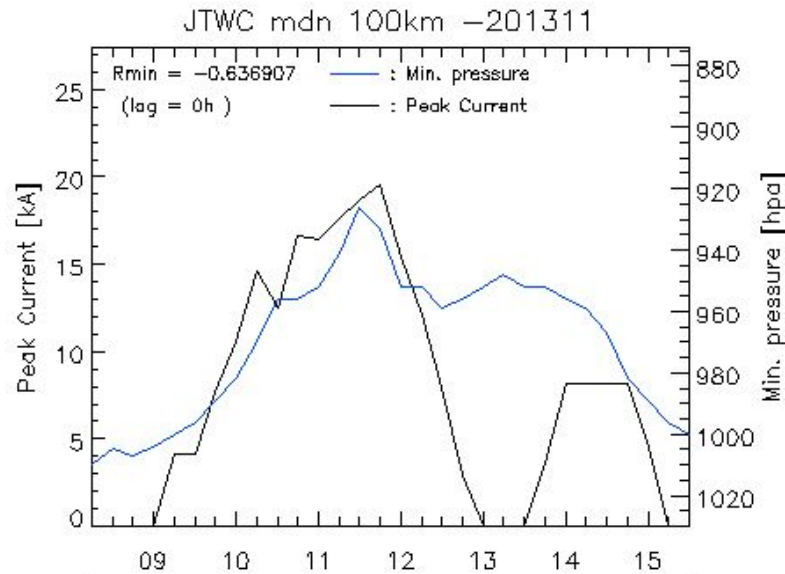
All calculated events: 50

Result & Discussion UTOR (Inner Core)



Result & Discussion UTOR (Inner Core)

Each value of electric property is median value every 6 hours

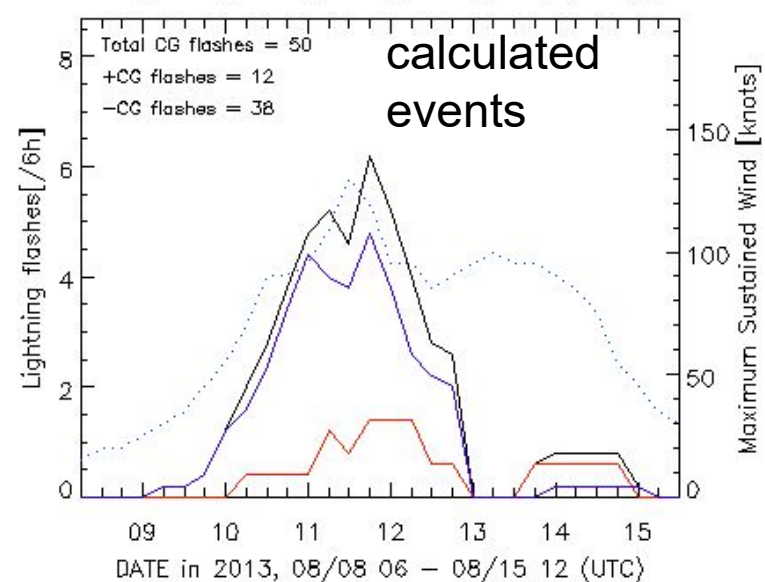
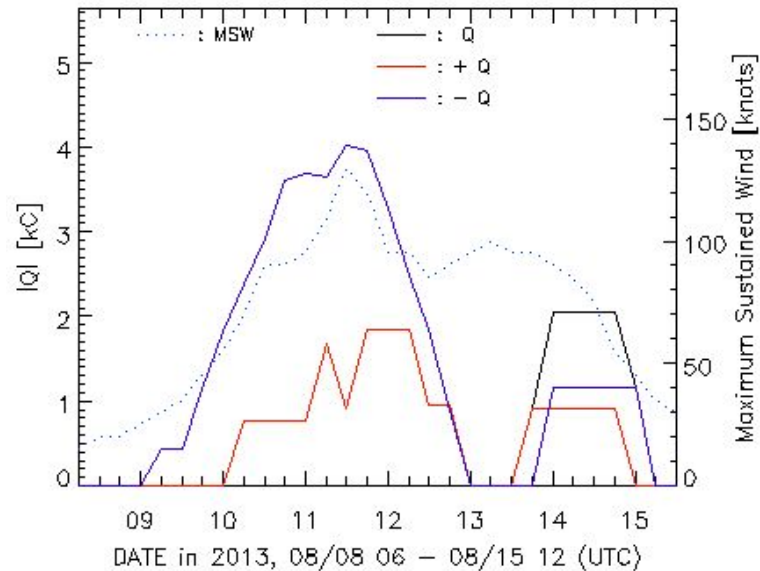
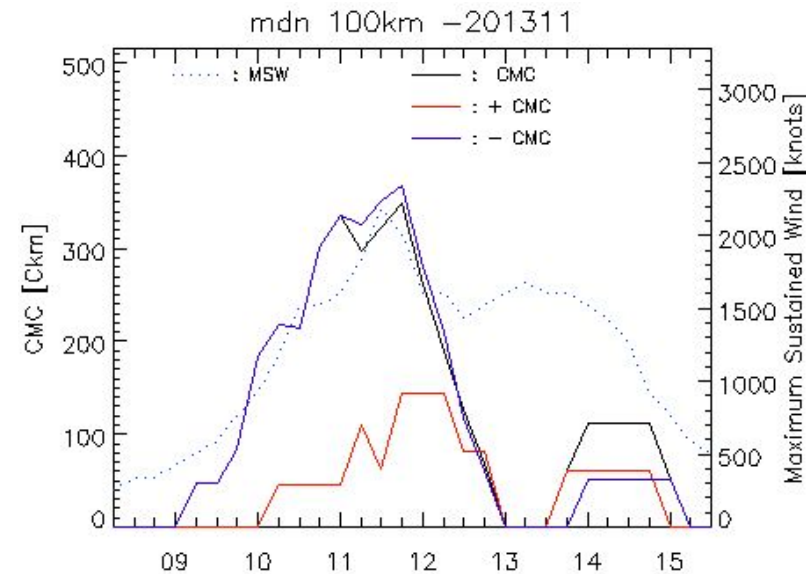
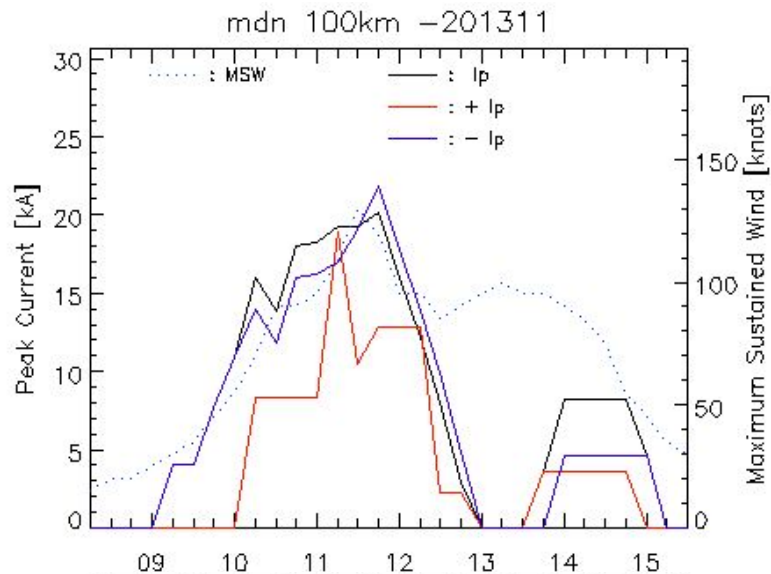


Parameter	R	lag [h]
Ip	-0.64	0
CMC	-0.67	0
Q	-0.62	0

All calculated events: 50

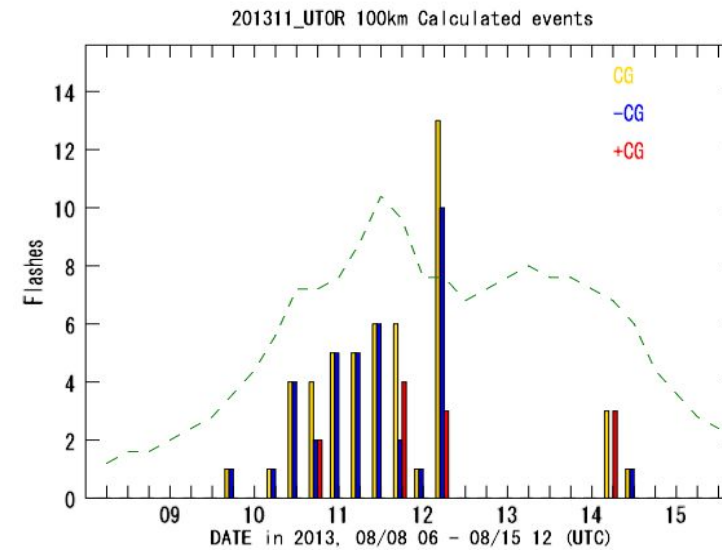
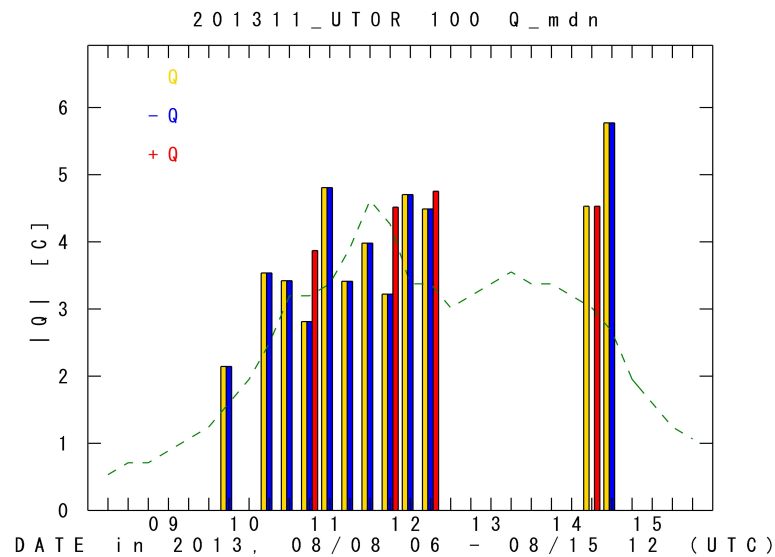
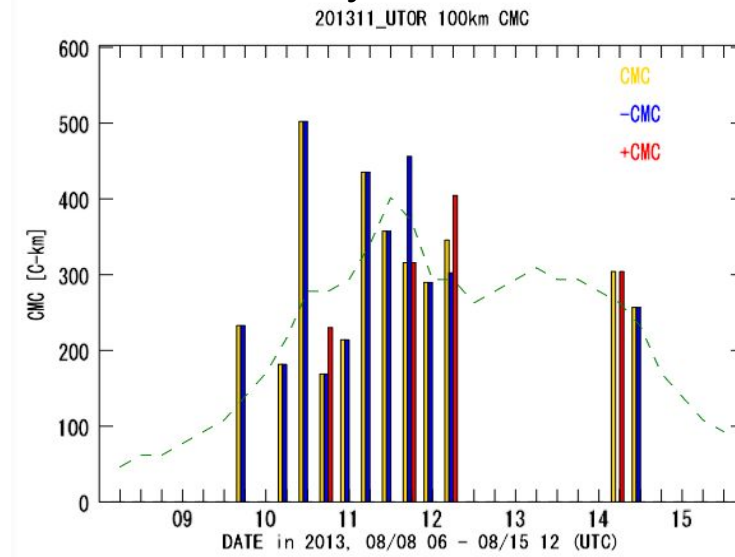
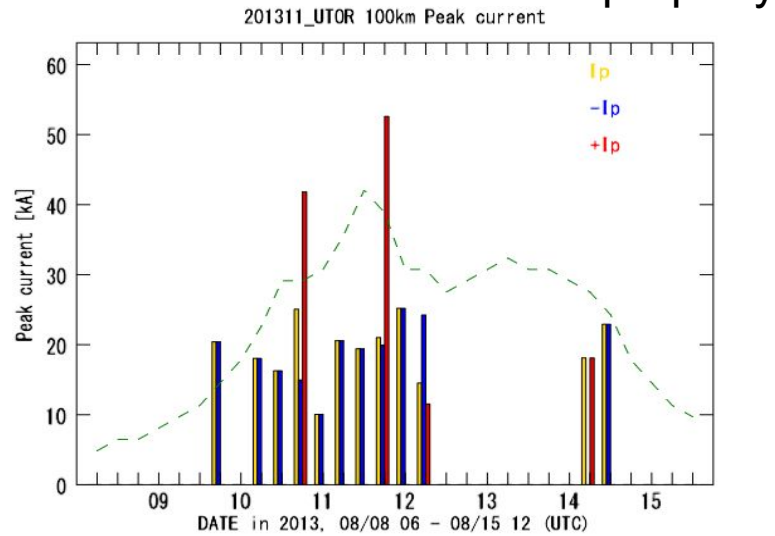
Result & Discussion UTOR (Inner Core)

Each value of electric property is median value every 6 hours



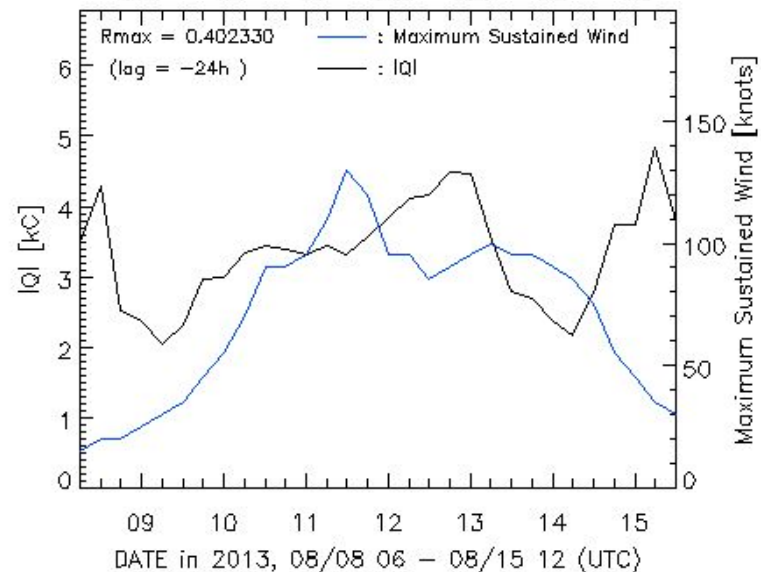
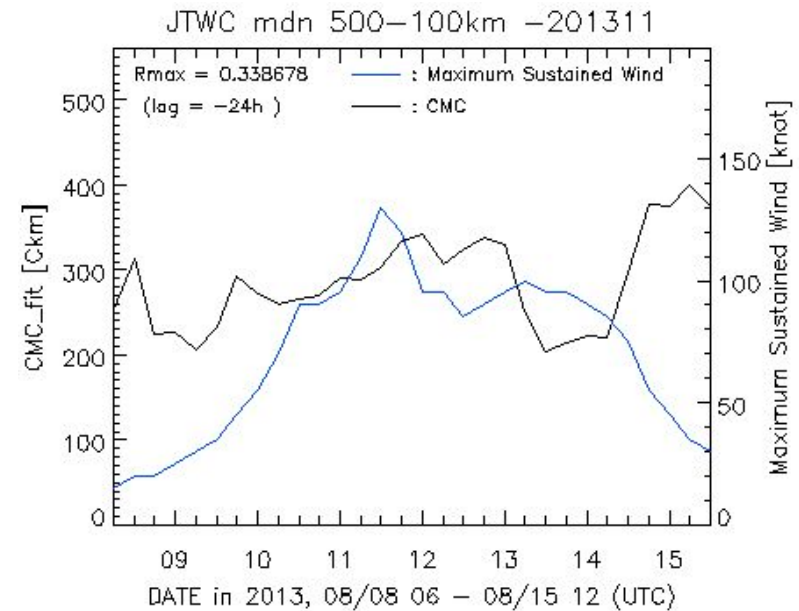
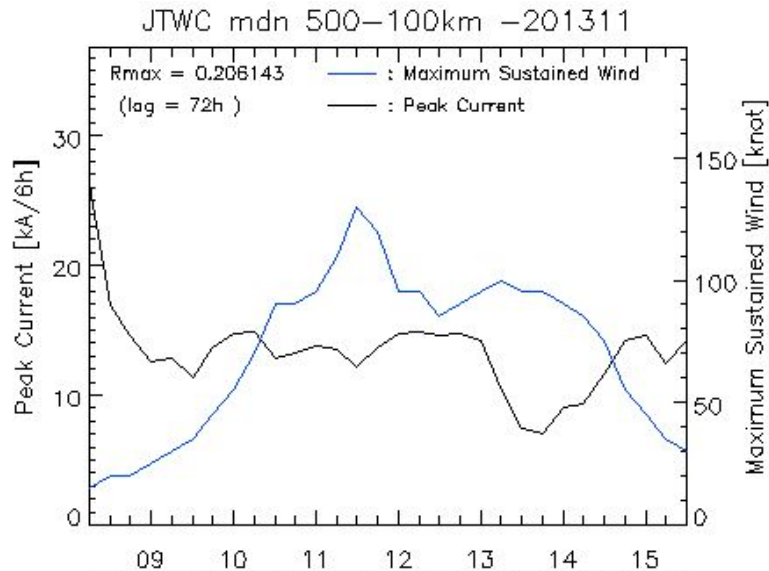
Result & Discussion UTOR (Inner Core)

Each value of electric property is median value every 6 hours



Result & Discussion UTOR (Rainband)

Each value of electric property is median value every 6 hours

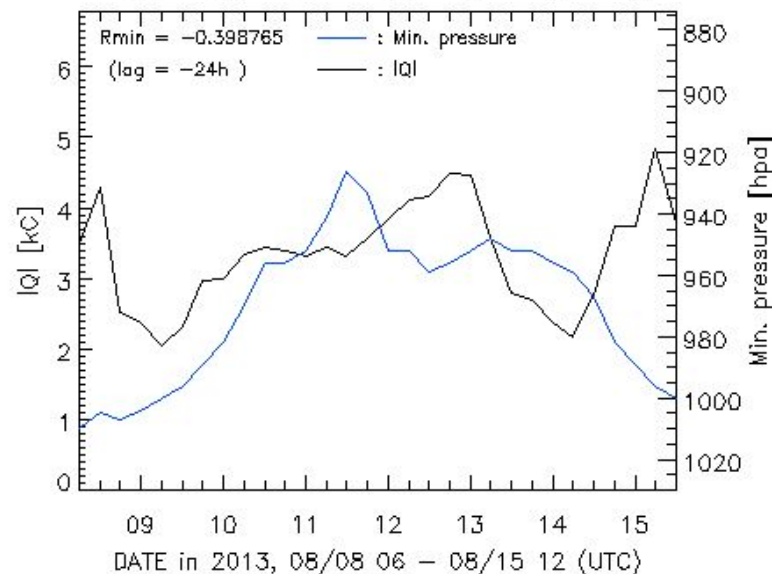
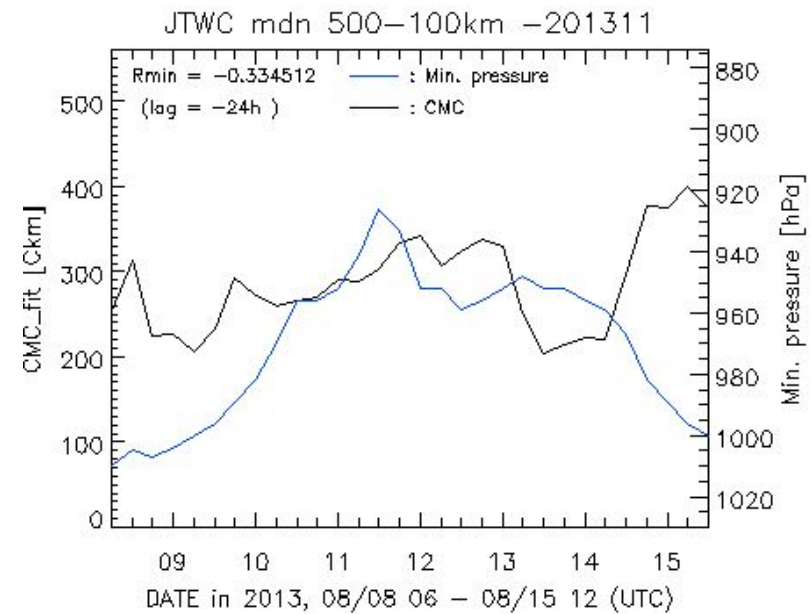
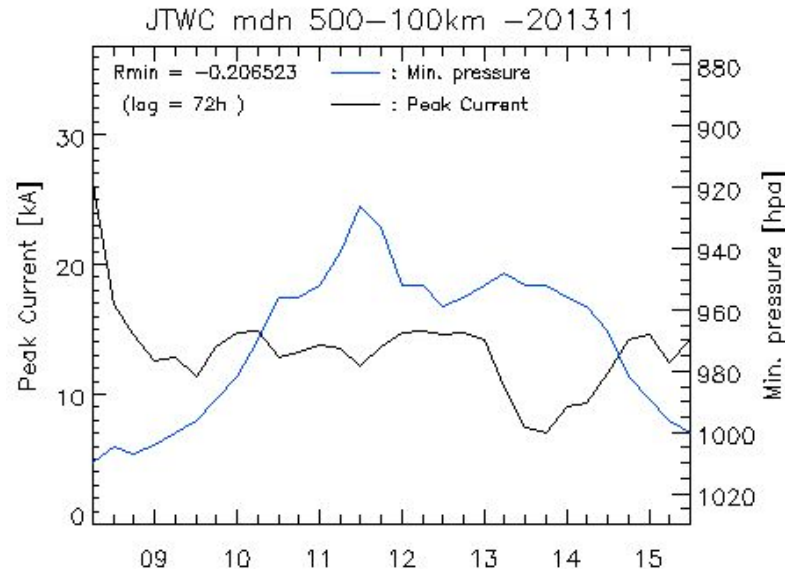


Parameter	R	lag [h]
Ip	0.13	42
CMC	0.34	-24
Q	0.40	-24

All Calculated events: 1130

Result & Discussion UTOR (Rainband)

Each value of electric property is median value every 6 hours

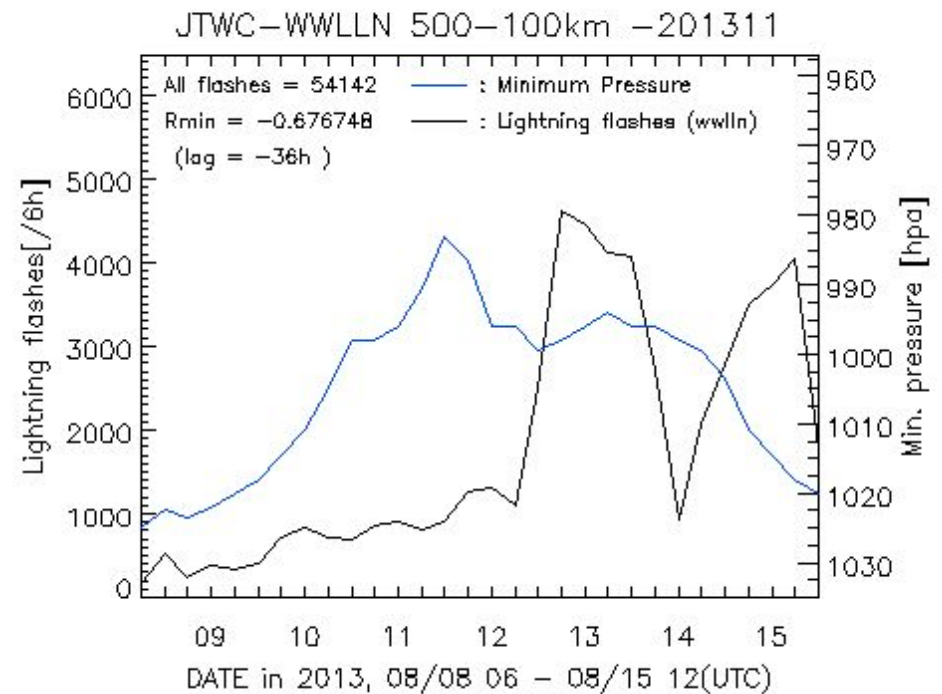
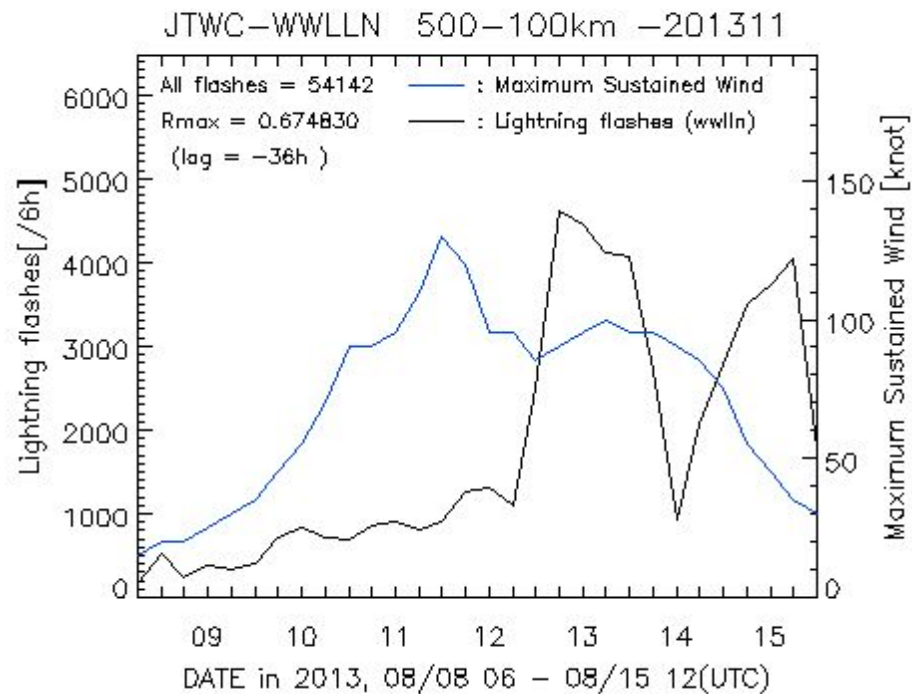


Parameter	R	lag [h]
Ip	-0.13	42
CMC	-0.34	-24
Q	-0.40	-24

All calculated events: 1130

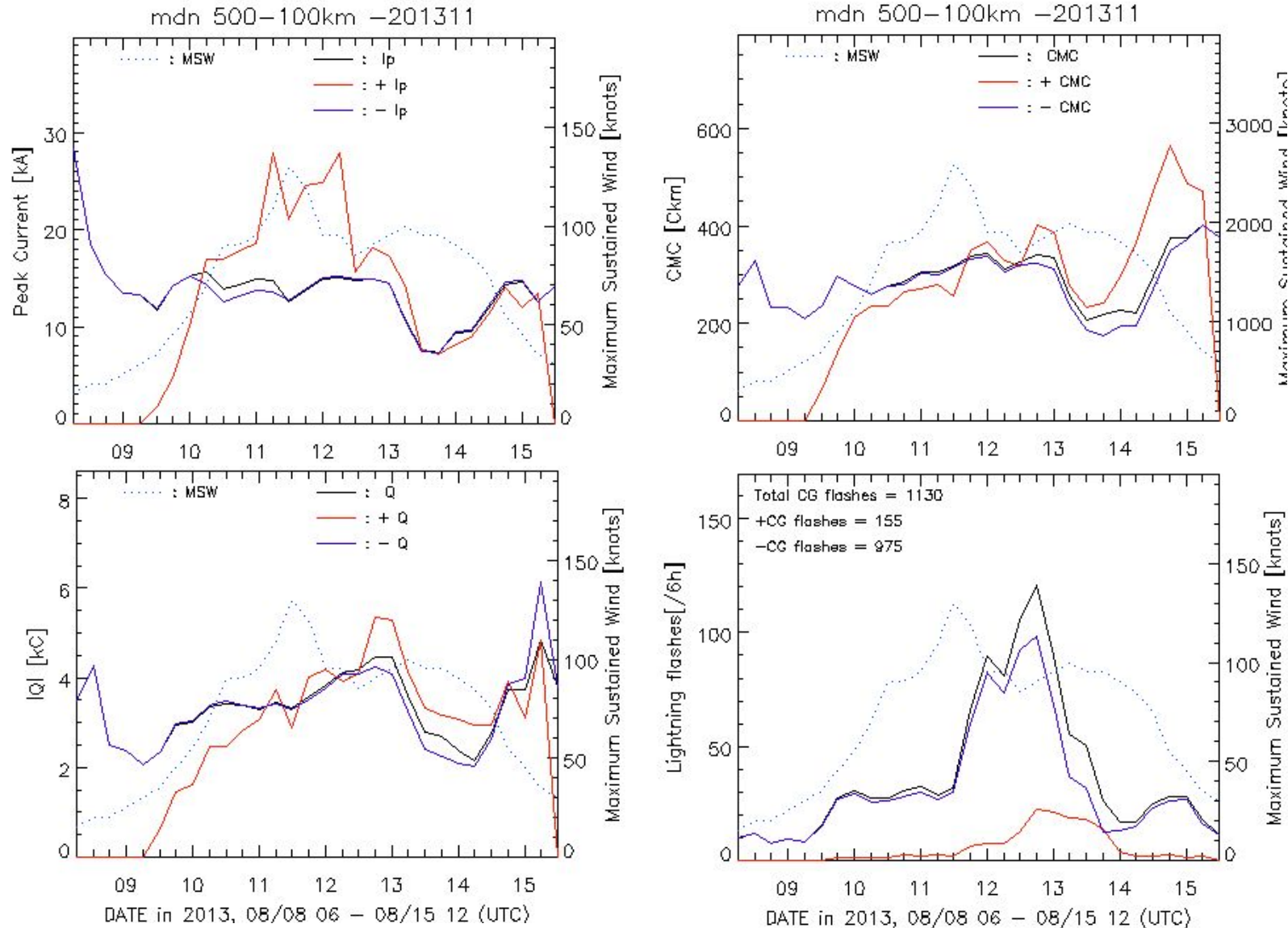
Result & Discussion UTOR (Rainband)

Each value of electric property is median value every 6 hours



Result & Discussion UTOR (Rainband)

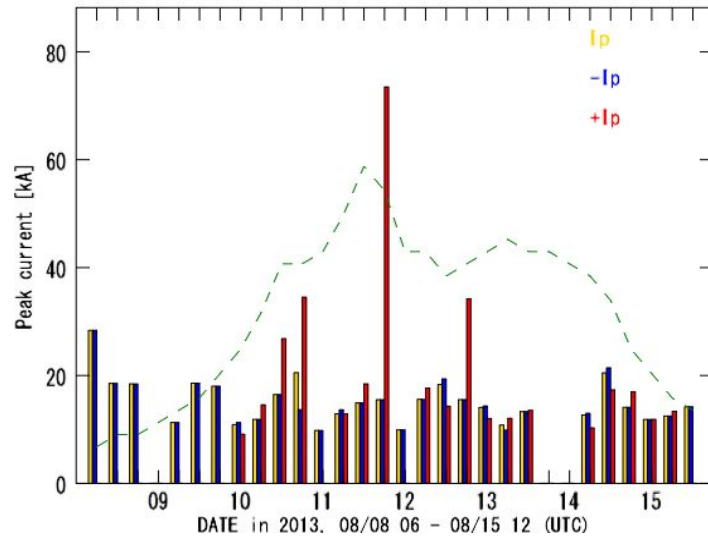
Each value of electric property is median value every 6 hours



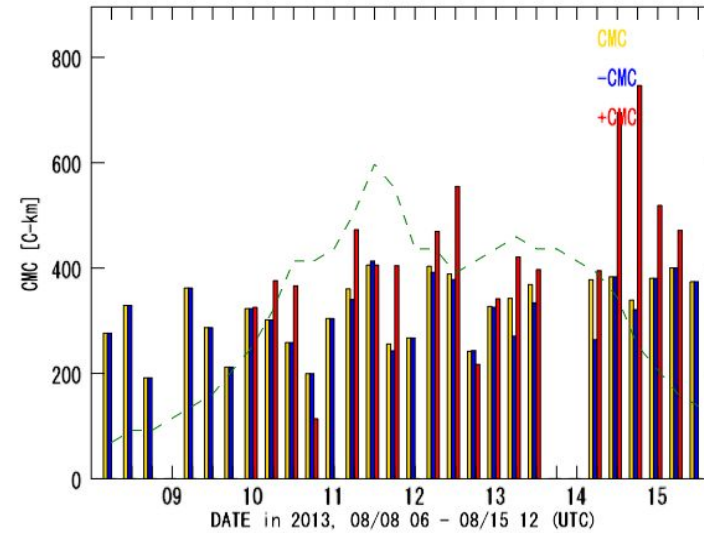
Result & Discussion UTOR (Rainband)

Each value of electric property is median value every 6 hours

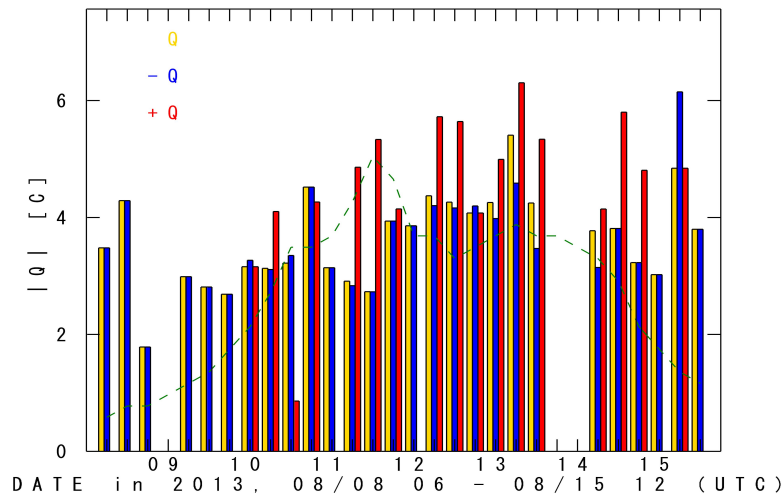
201311_UTOR 500-100km Peak current



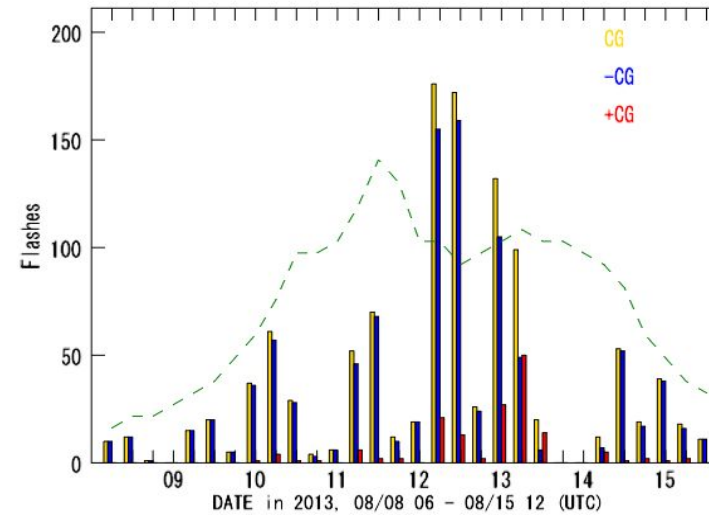
201311_UTOR 500-100km CMC



201311_UTOR 500-100 Q_m d n

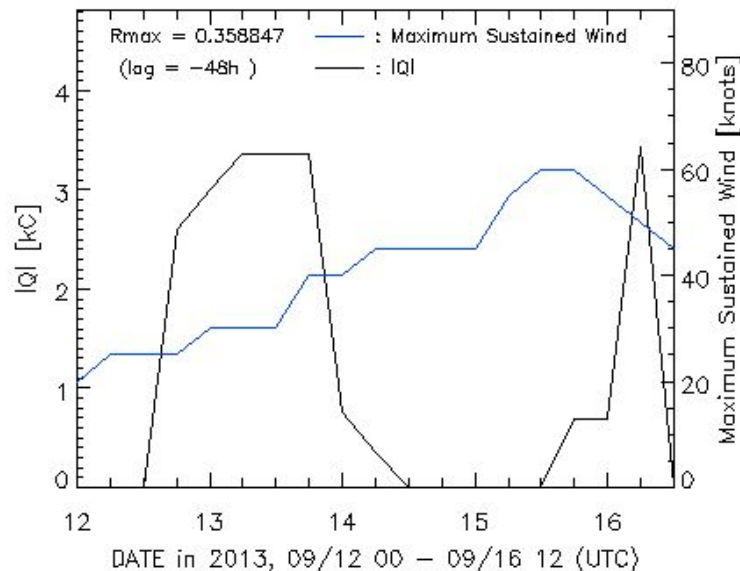
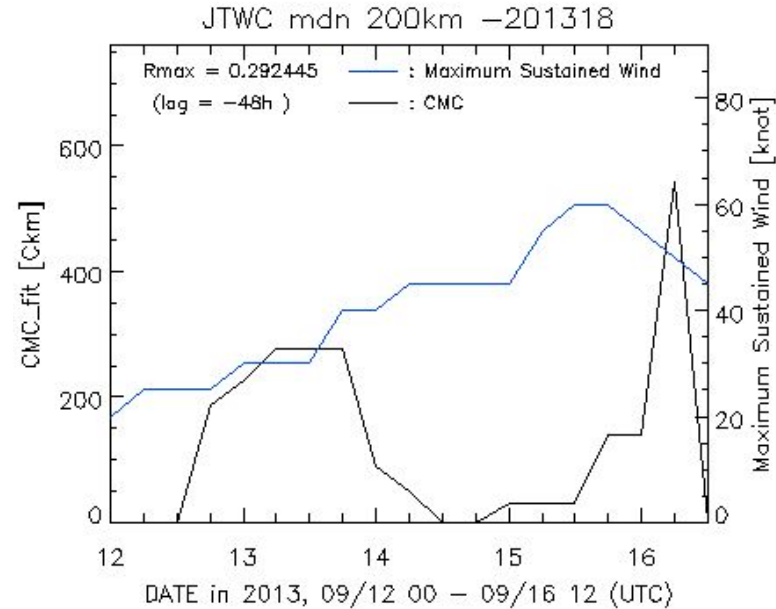
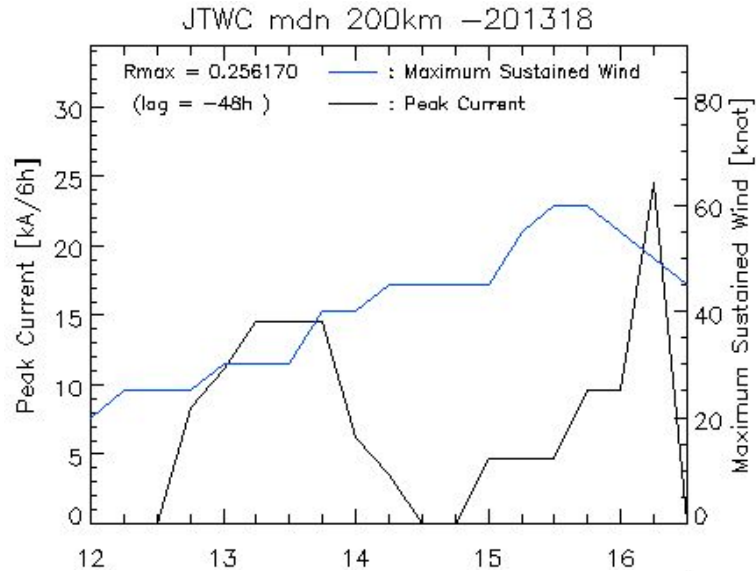


201311_UTOR 500-100km Calculated events



Result & Discussion MAN-YI (Inner Core)

Each value of electric property is median value every 6 hours

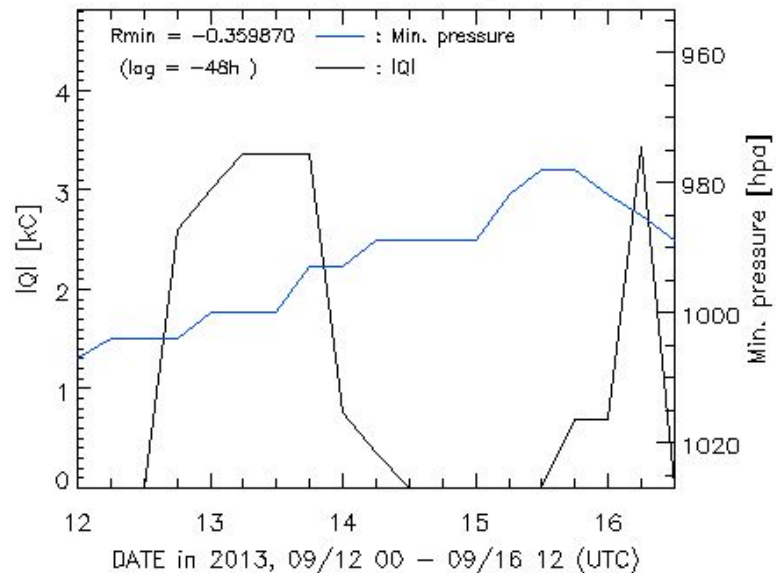
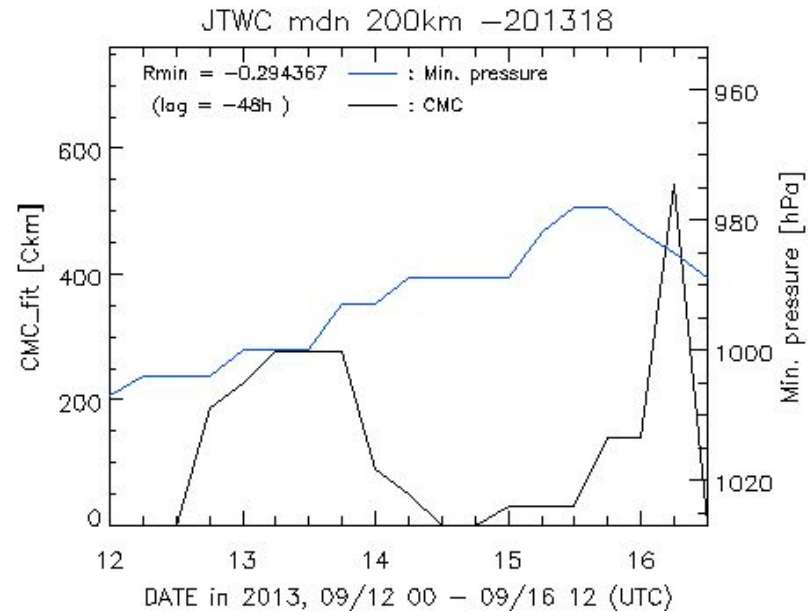
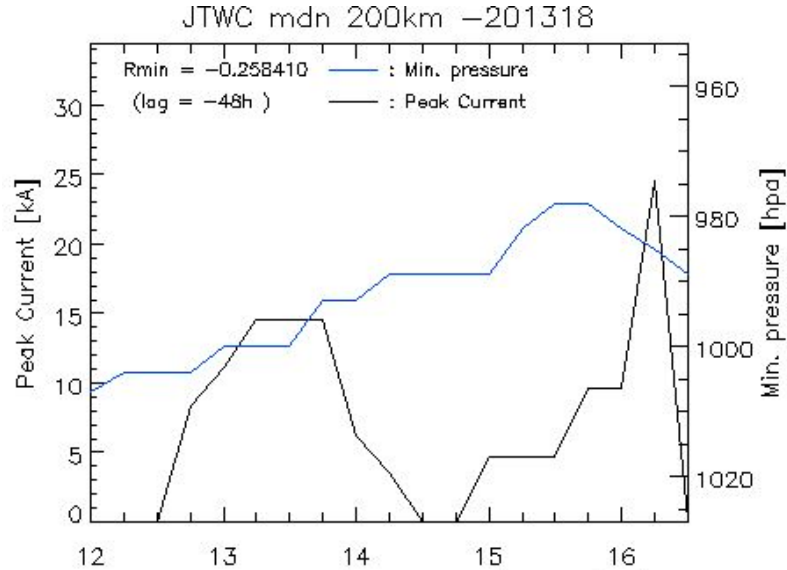


Parameter	R	lag [h]
Ip	0.26	-48
CMC	0.29	-48
Q	0.36	-48

All calculated events: 15

Result & Discussion MAN-YI (Inner Core)

Each value of electric property is median value every 6 hours

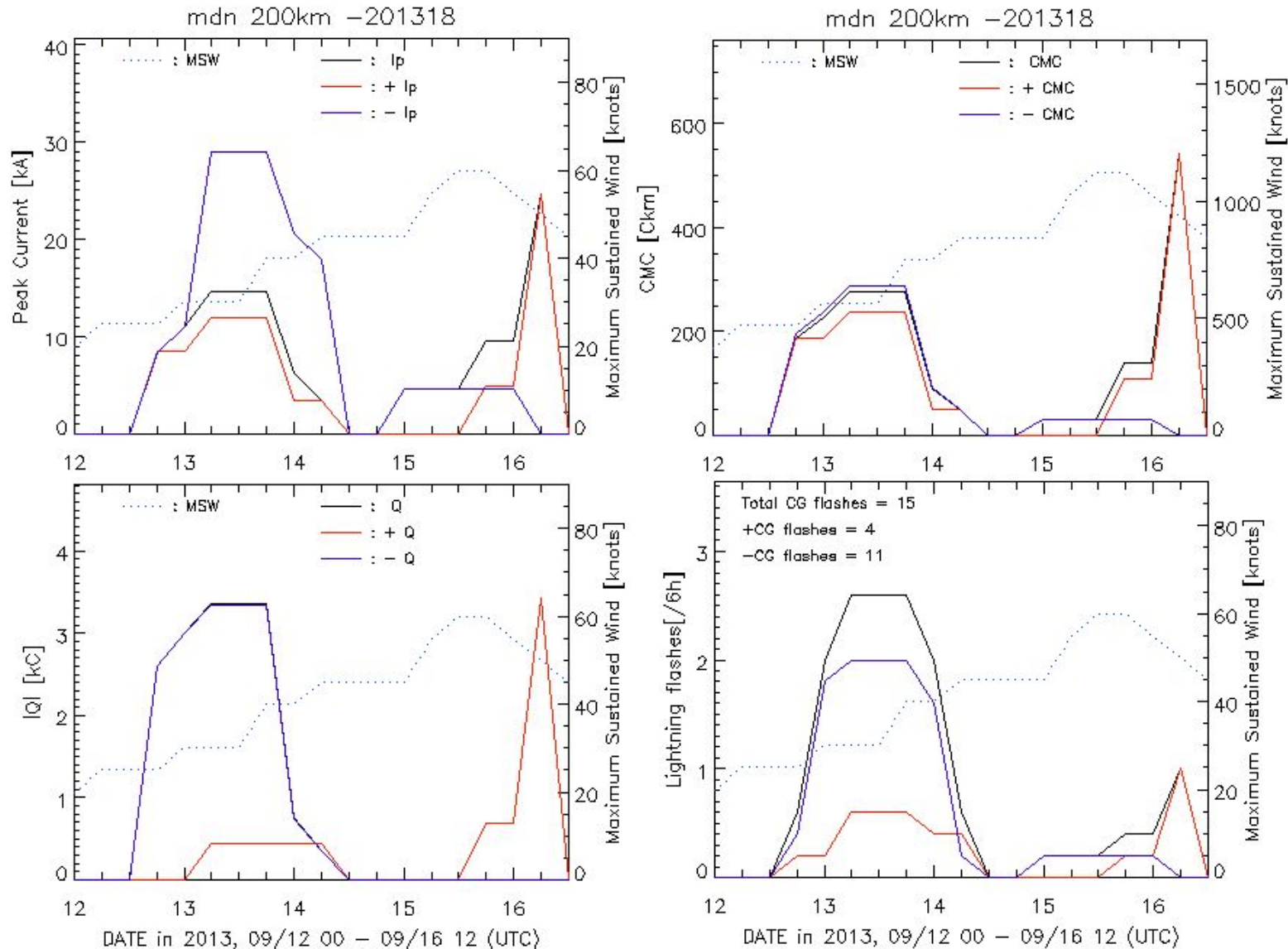


Parameter	R	lag [h]
Ip	-0.26	-48
CMC	-0.29	-48
Q	-0.36	-48

All calculated events: 15

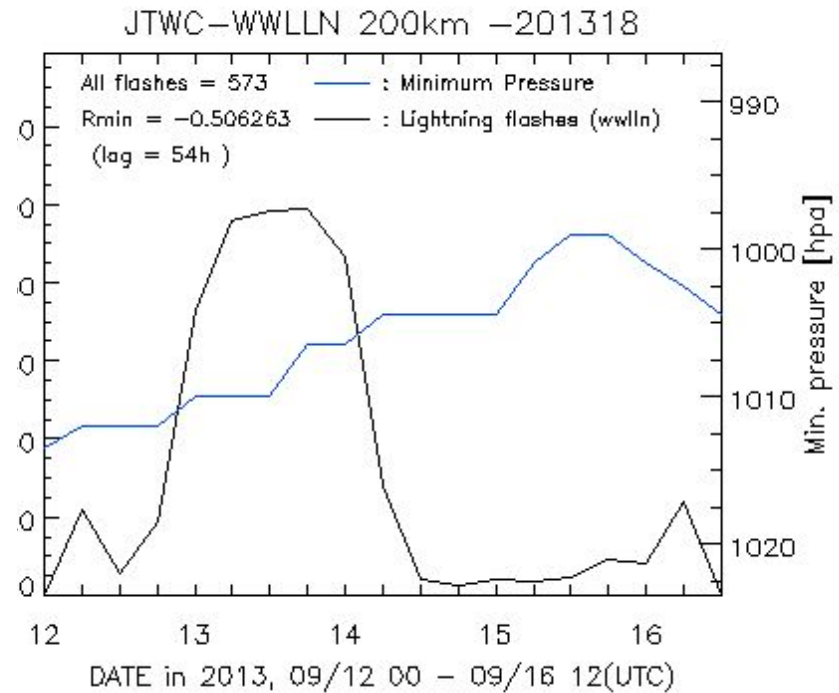
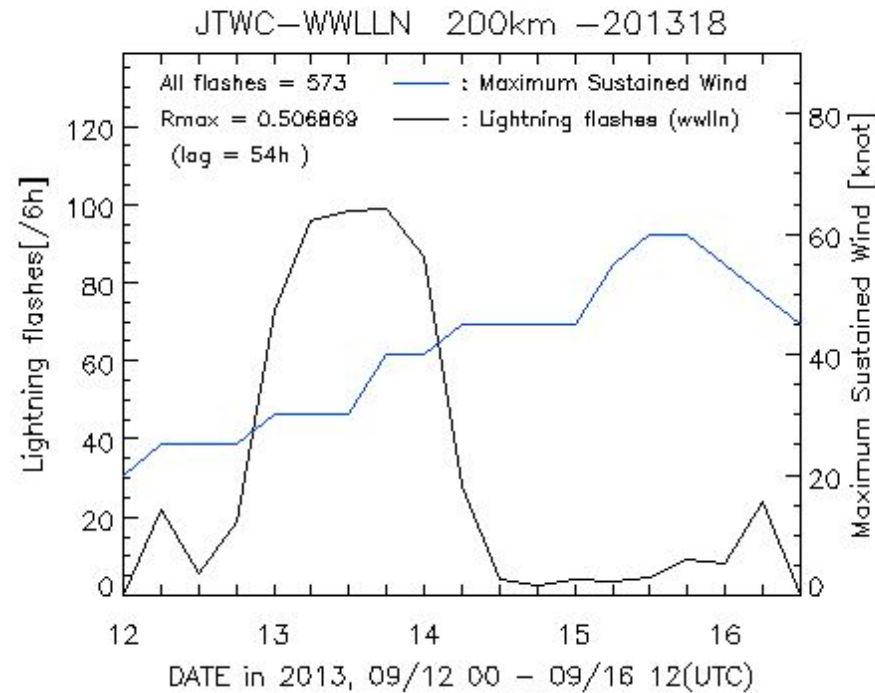
Result & Discussion MAN-YI (Inner Core)

Each value of electric property is median value every 6 hours



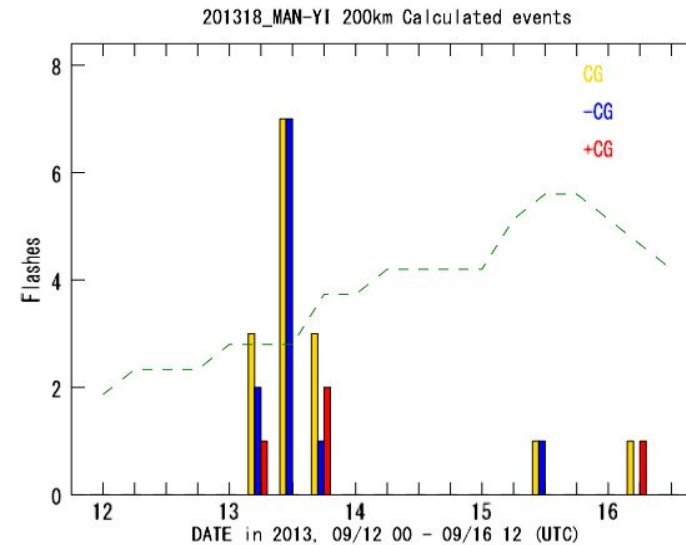
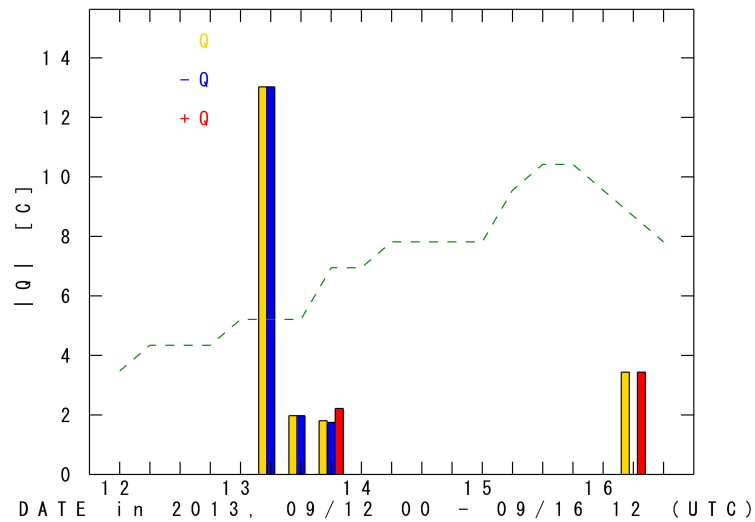
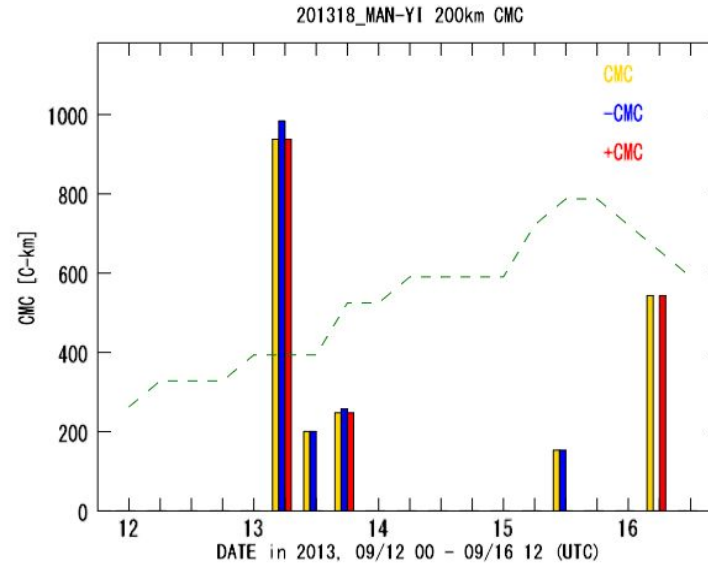
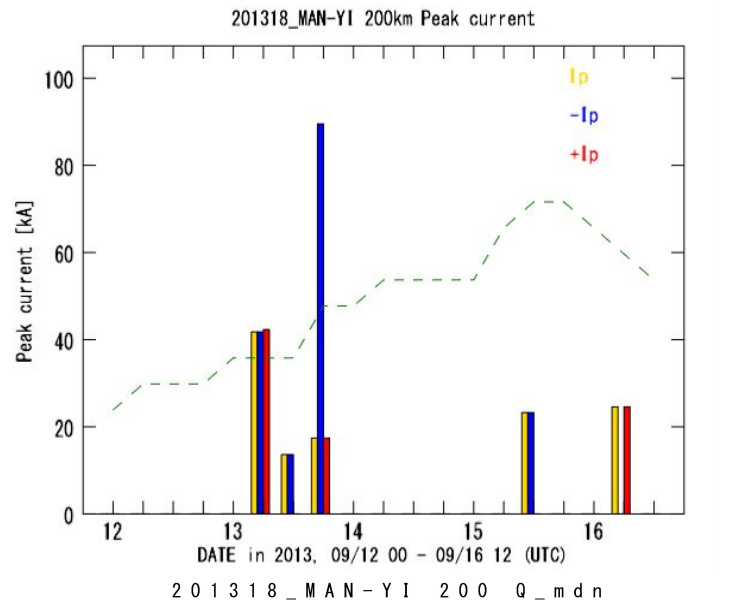
Result & Discussion MAN-YI (Inner Core)

Each value of electric property is median value every 6 hours



Result & Discussion MAN-YI (Inner Core)

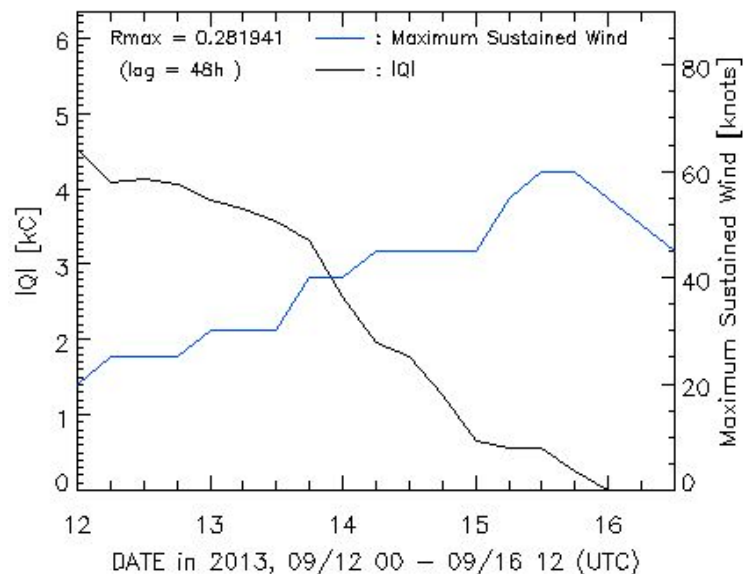
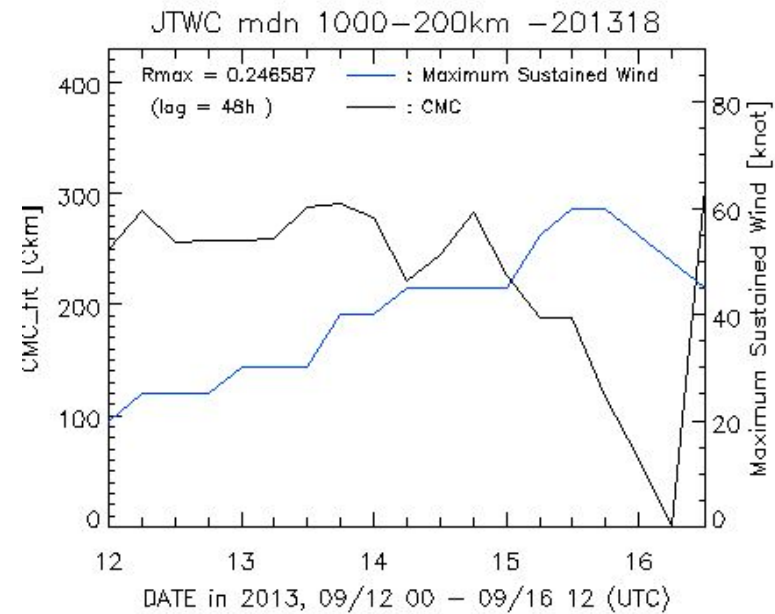
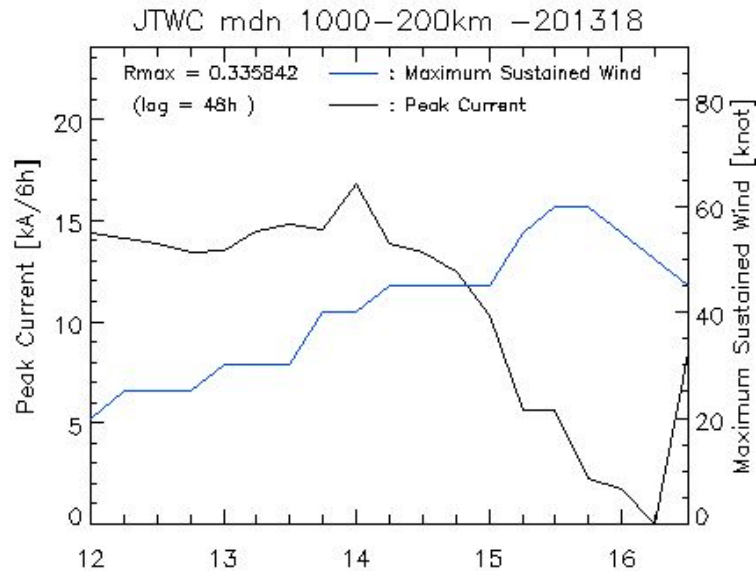
Each value of electric property is median value every 6 hours



All calculated events: 15

Result & Discussion MAN-YI (Rainband)

Each value of electric property is median value every 6 hours

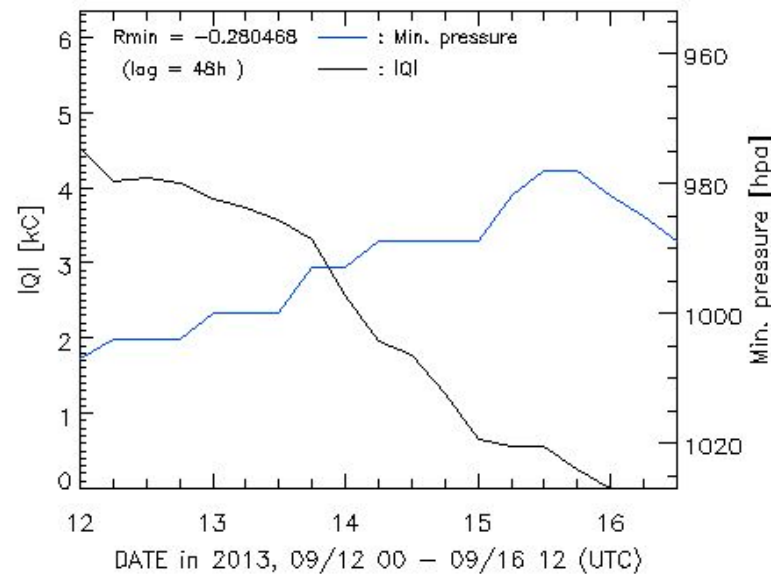
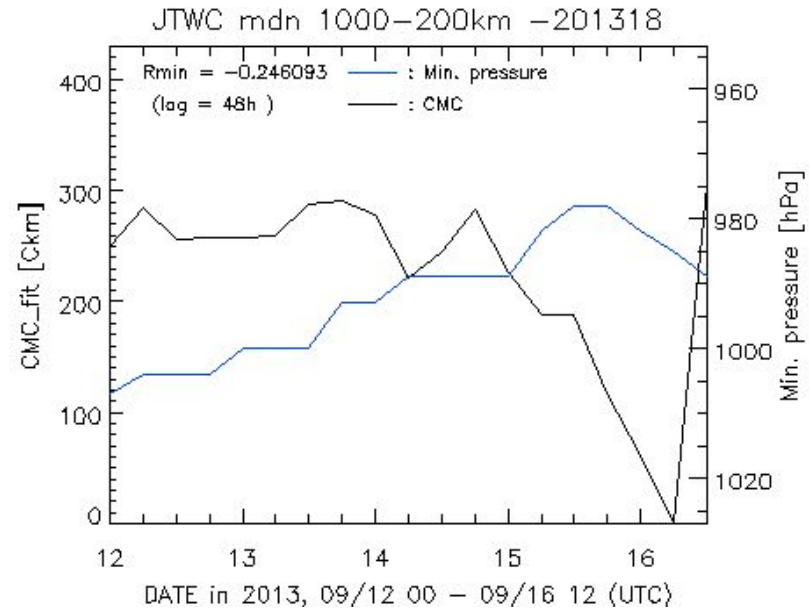
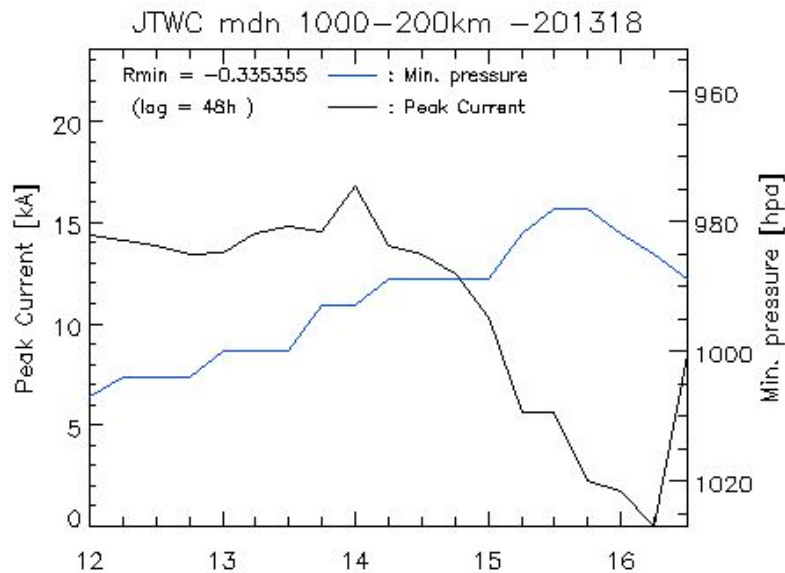


Parameter	R	lag [h]
Ip	0.34	48
CMC	0.25	48
Q	0.28	48

All calculated events: 421

Result & Discussion MAN-YI (Rainband)

Each value of electric property is median value every 6 hours



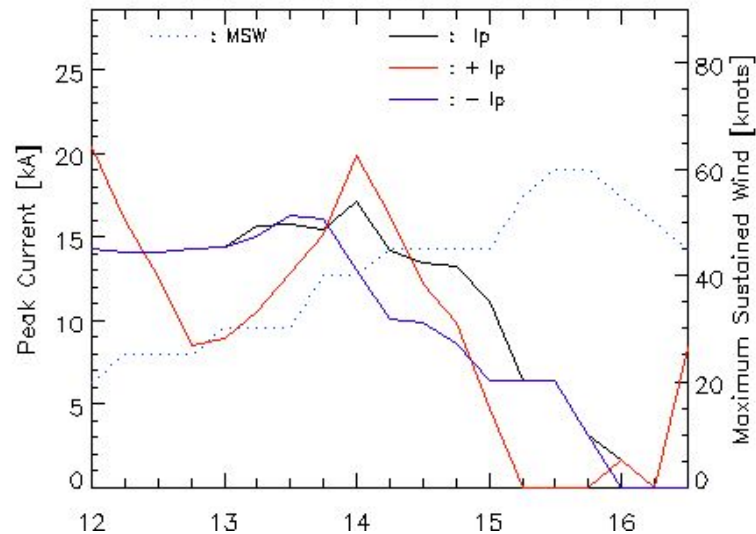
Parameter	R	lag [h]
Ip	-0.34	48
CMC	-0.25	48
Q	-0.28	48

All calculated events: 421

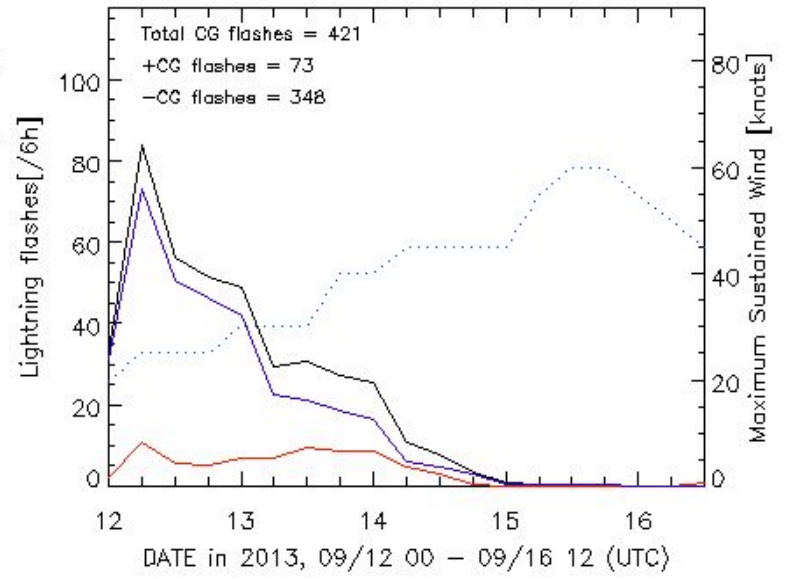
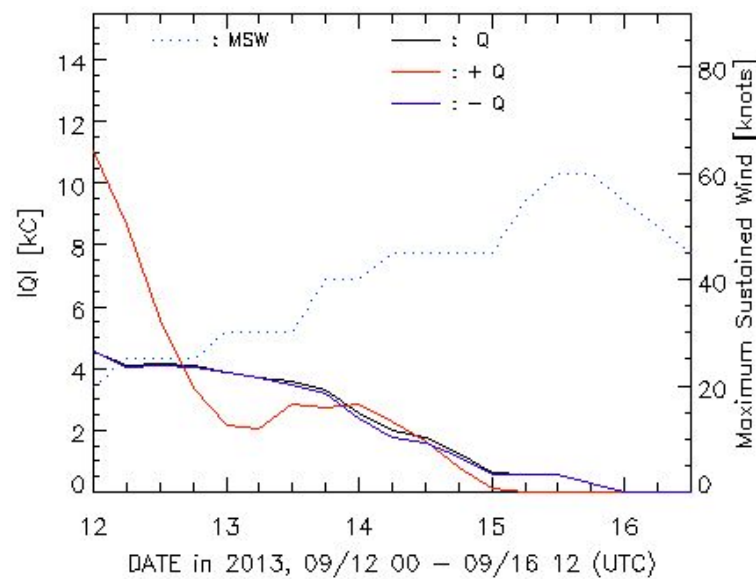
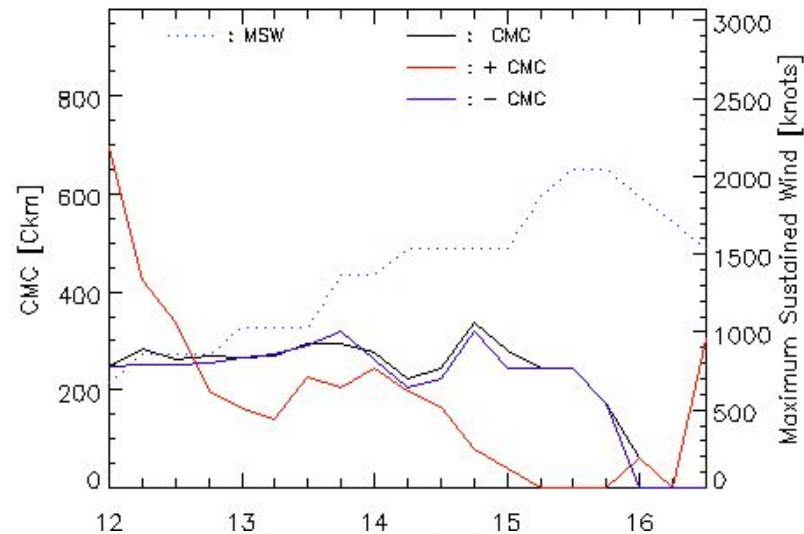
Result & Discussion MAN-YI (Rainband)

Each value of electric property is median value every 6 hours

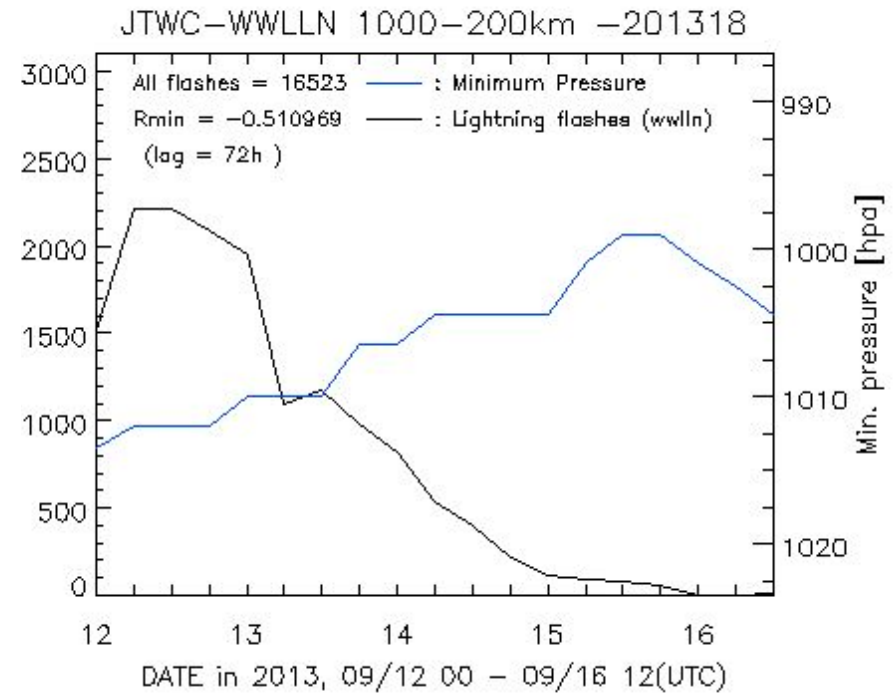
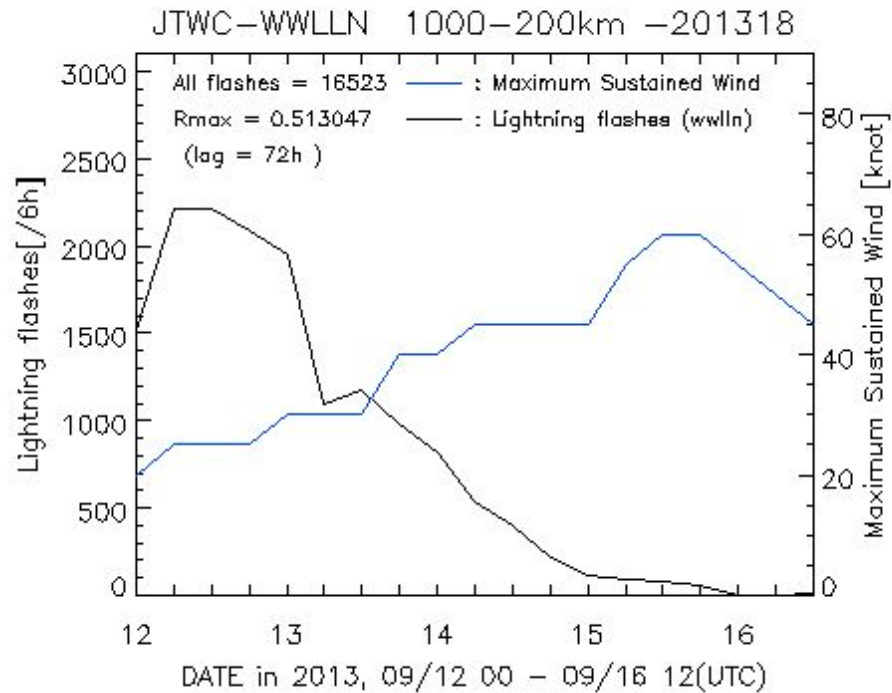
mdn 1000-200km -201318



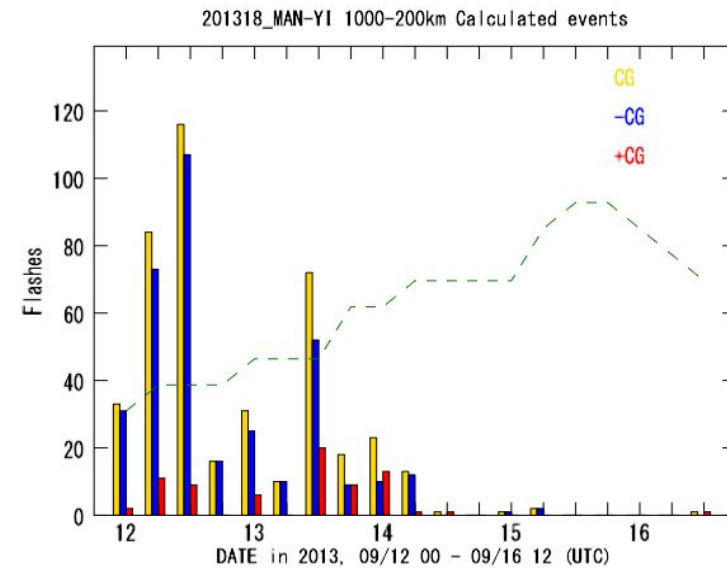
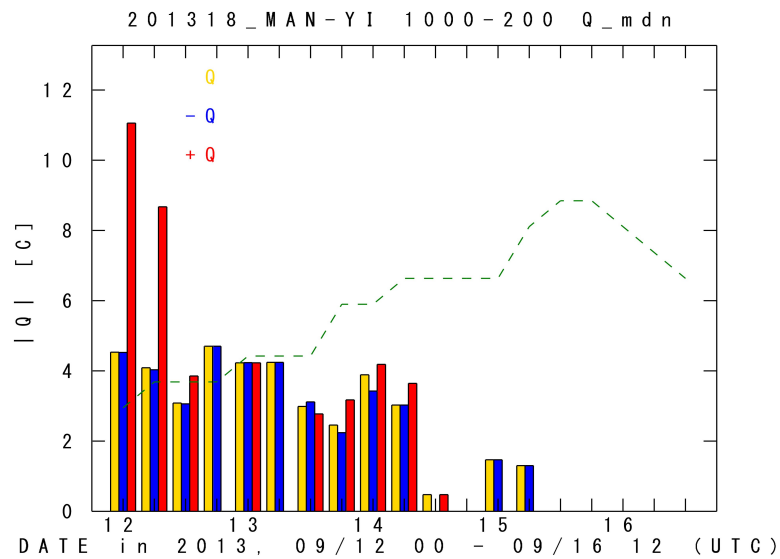
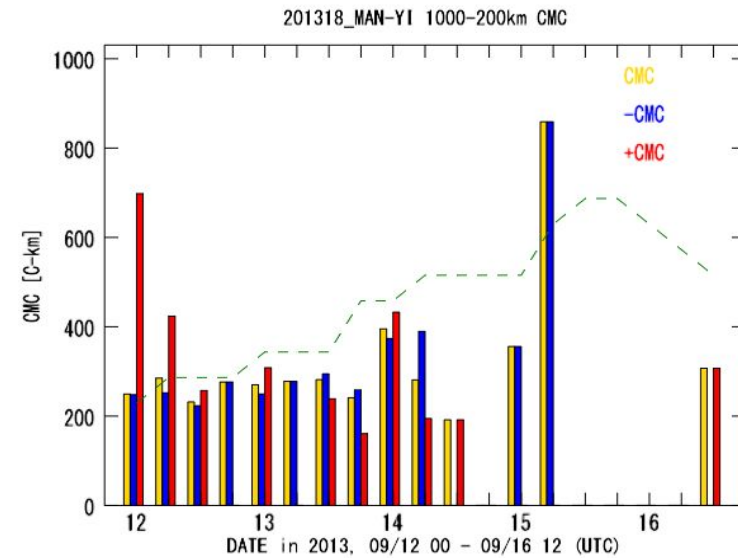
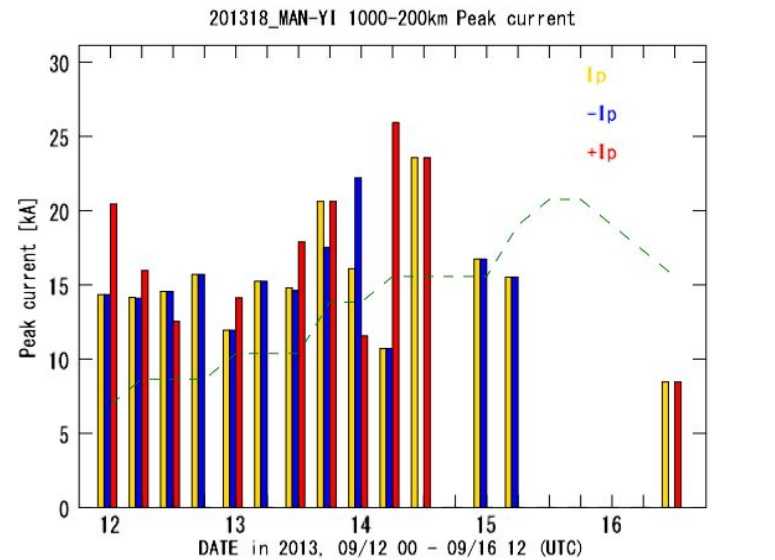
mdn 1000-200km -201318



Result & Discussion MAN-YI (Rainband)



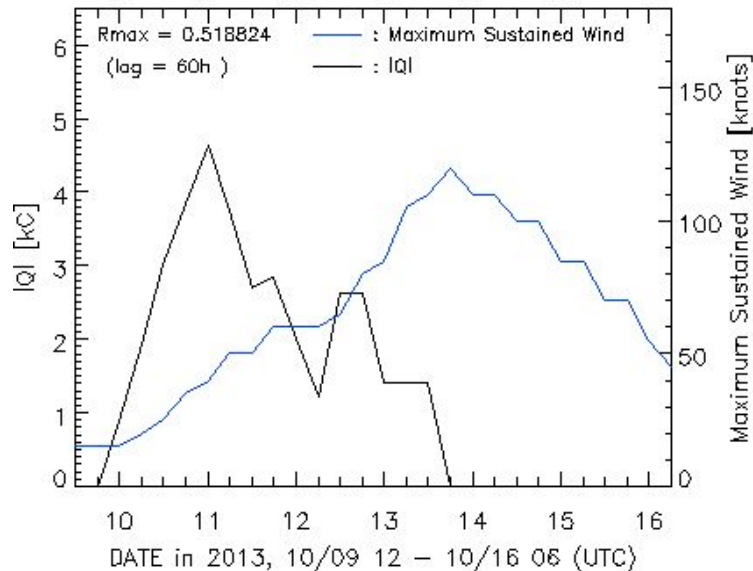
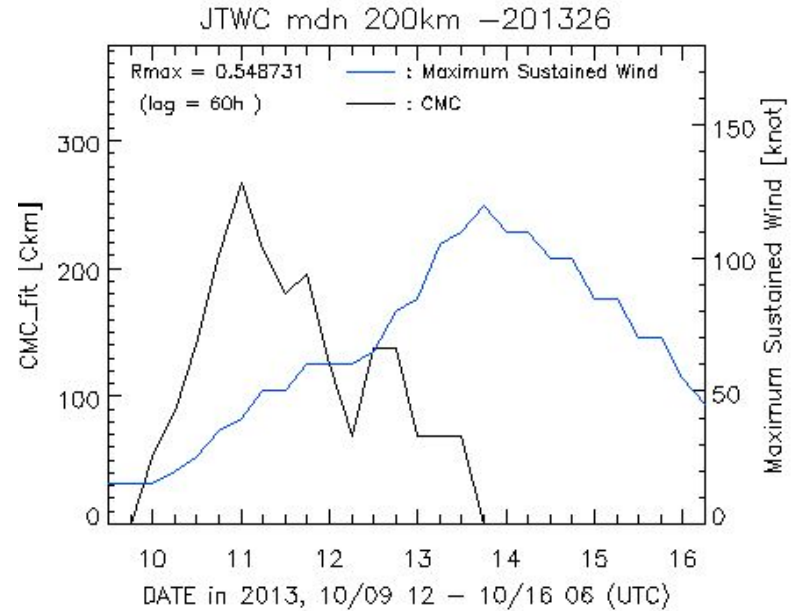
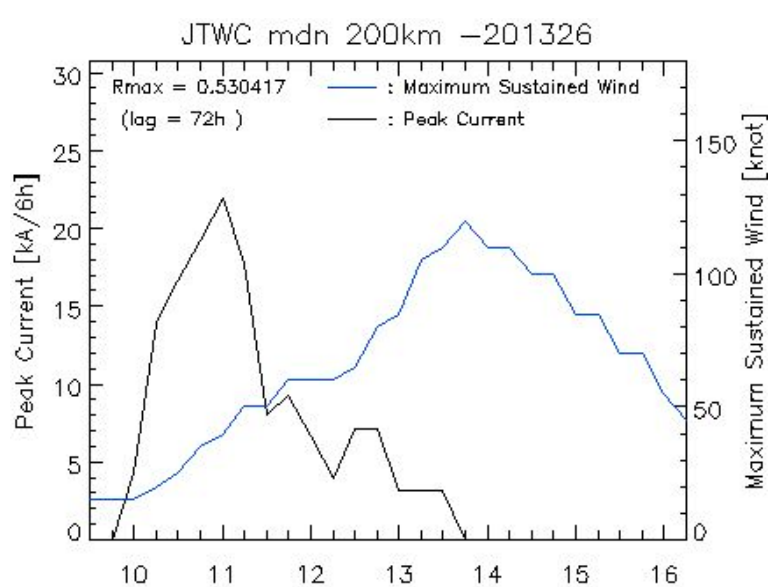
Result & Discussion MAN-YI (Rainband)



All calculated events: 421

Result & Discussion WIPHA (Inner Core)

Each value of electric property is median value every 6 hours

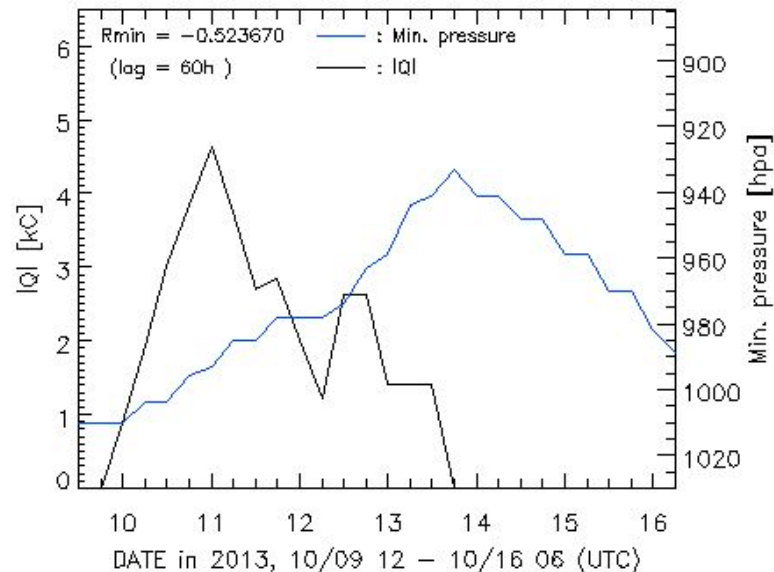
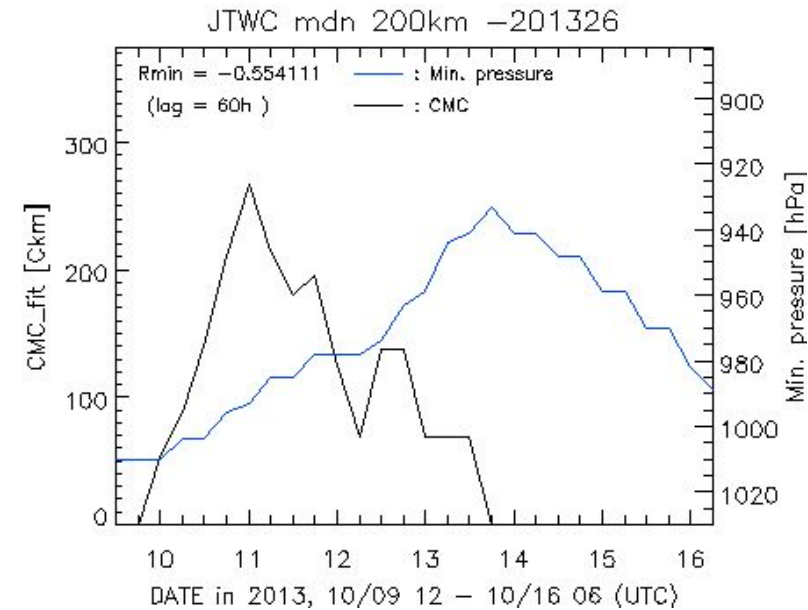
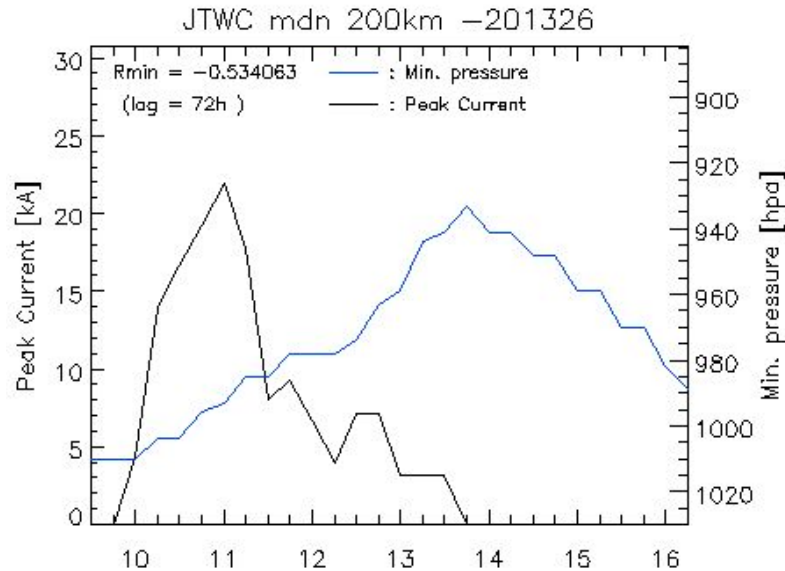


Parameter	R	lag [h]
Ip	0.53	72
CMC	0.55	60
Q	0.52	60

All calculated events: 96

Result & Discussion WIPHA (Inner Core)

Each value of electric property is median value every 6 hours

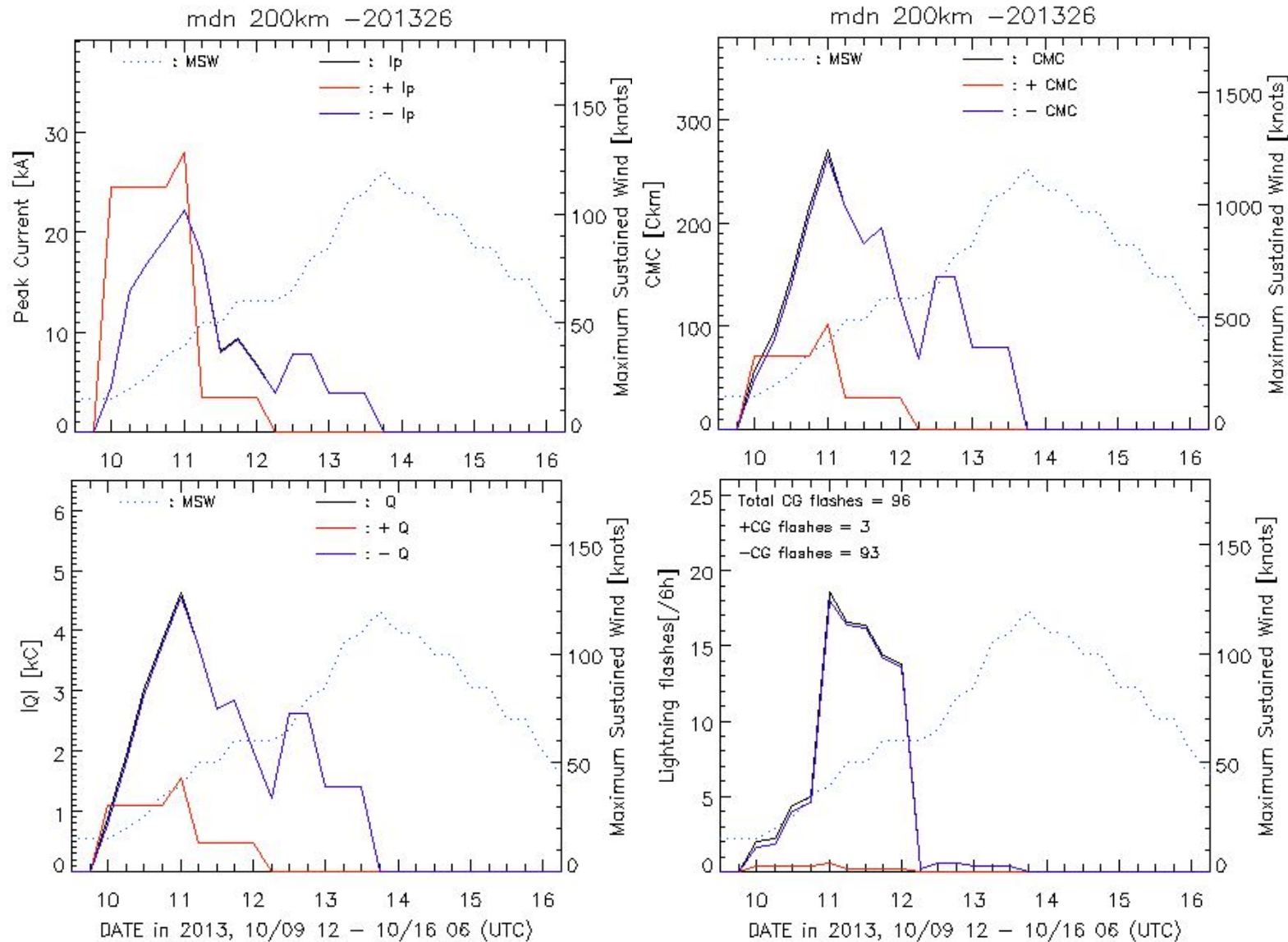


Parameter	R	lag [h]
Ip	-0.53	72
CMC	-0.55	60
Q	-0.52	60

All calculated events: 96

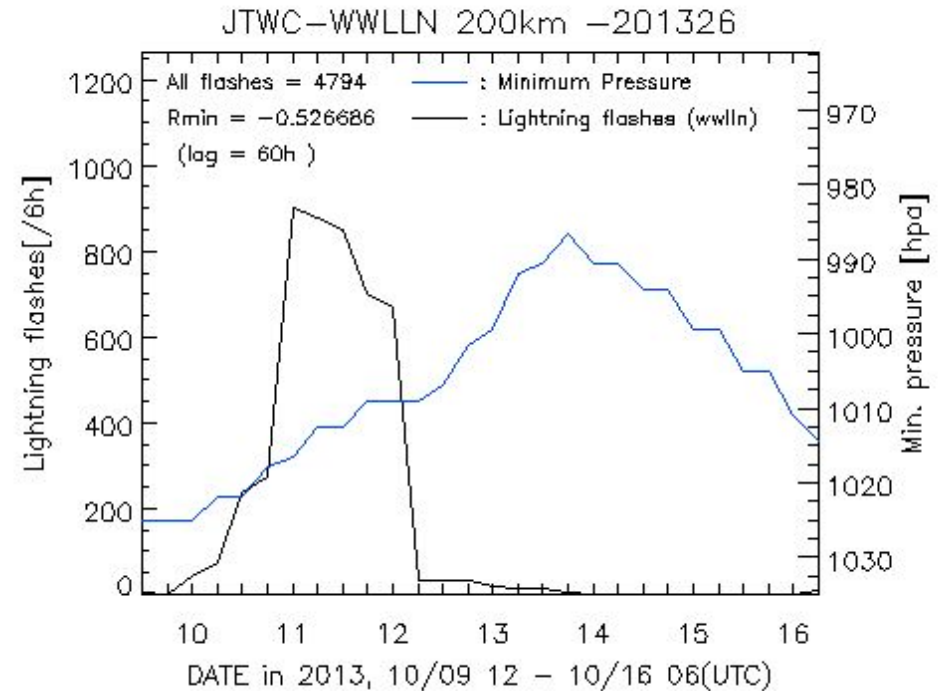
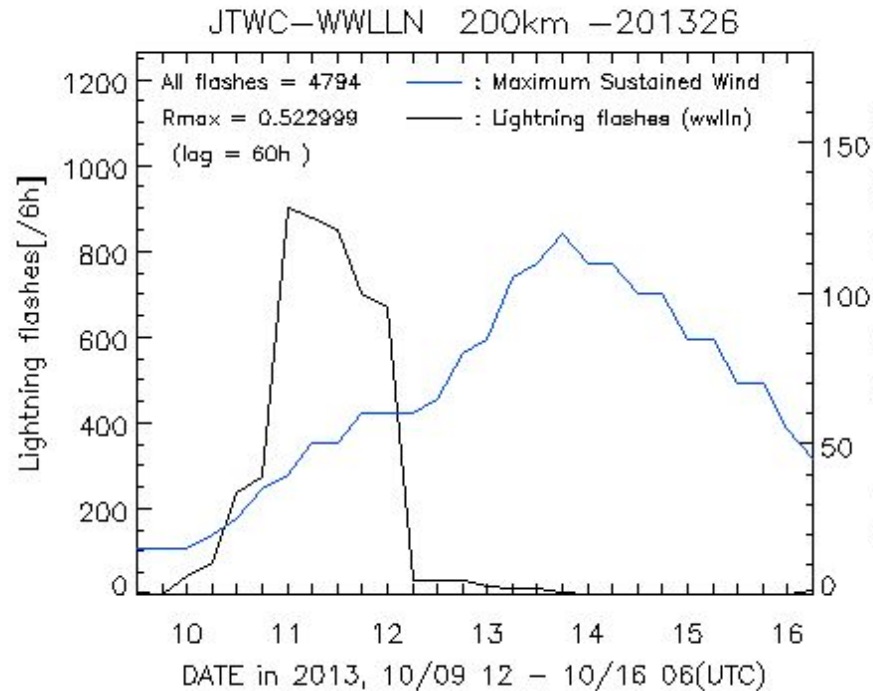
Result & Discussion WIPHA (Inner Core)

Each value of electric property is median value every 6 hours



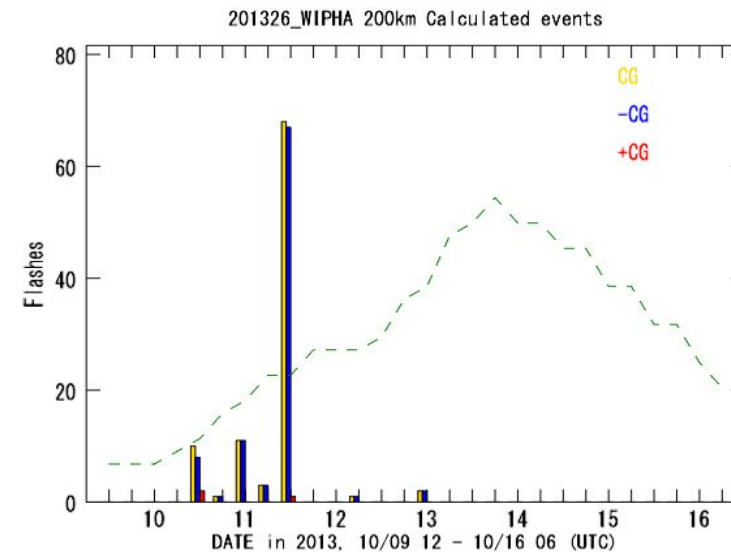
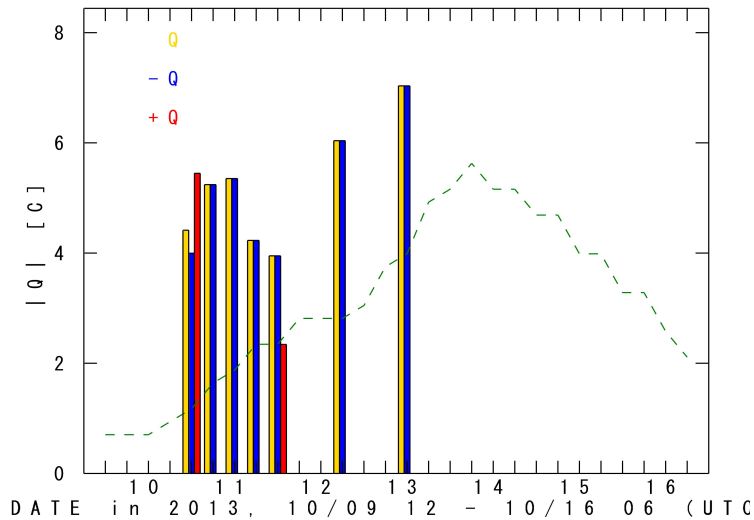
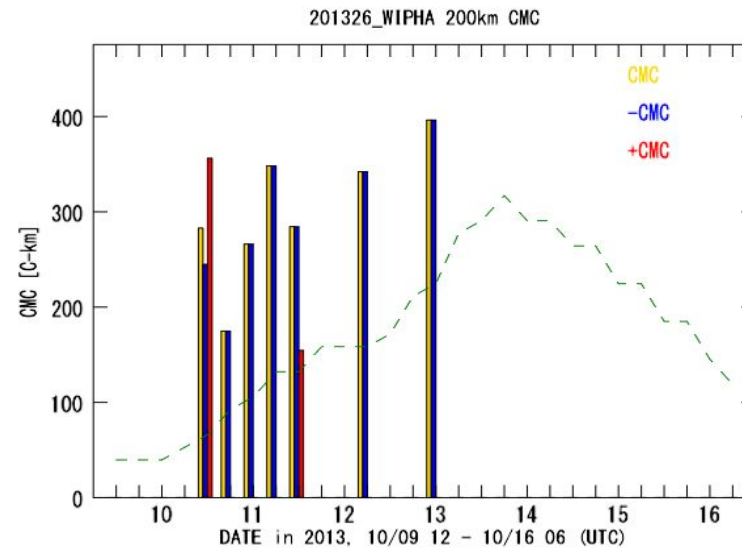
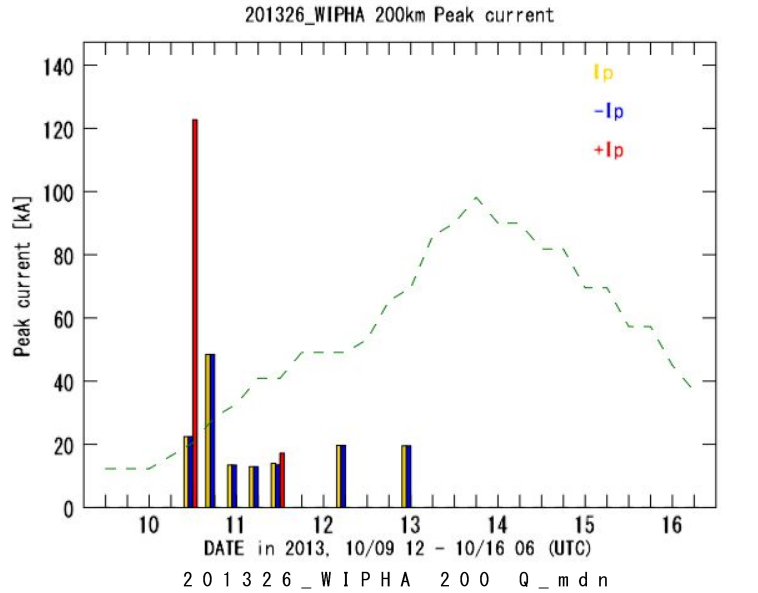
Result & Discussion WIPHA (Inner Core)

Each value of electric property is median value every 6 hours



Result & Discussion WIPHA (Inner Core)

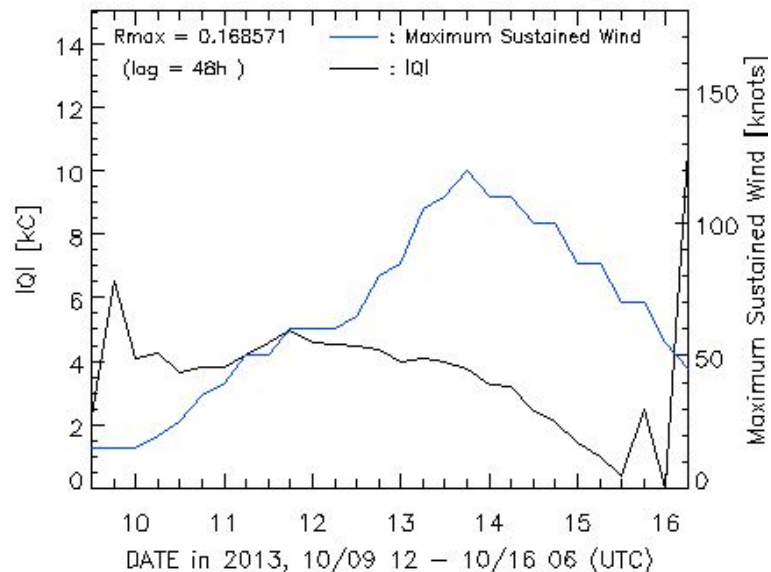
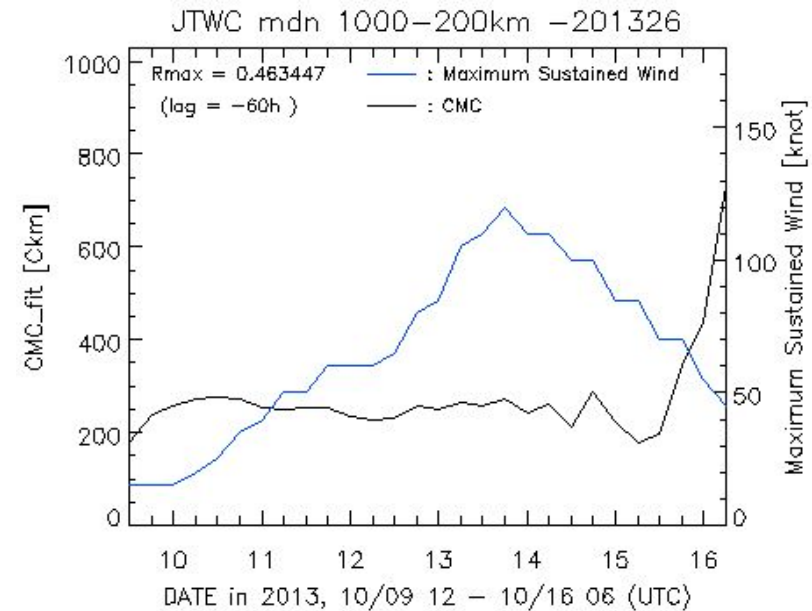
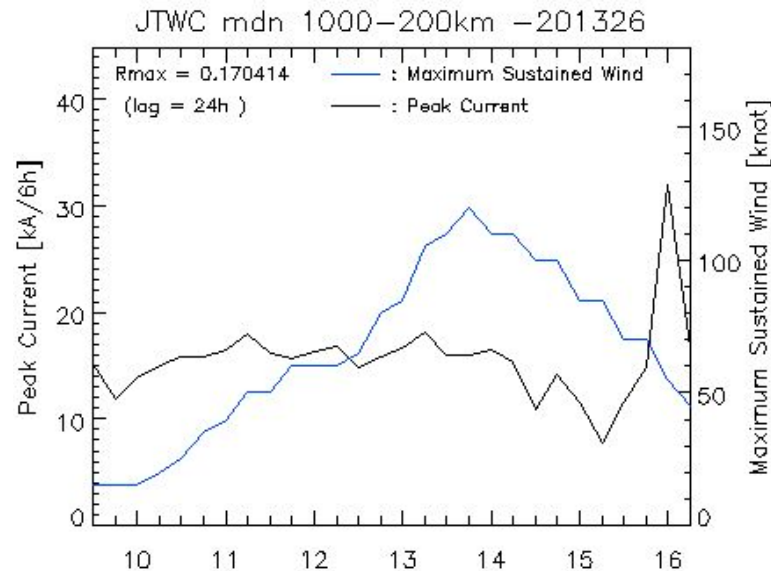
Each value of electric property is median value every 6 hours



All calculated events: 96

Result & Discussion WIPHA (Rainband)

Each value of electric property is median value every 6 hours

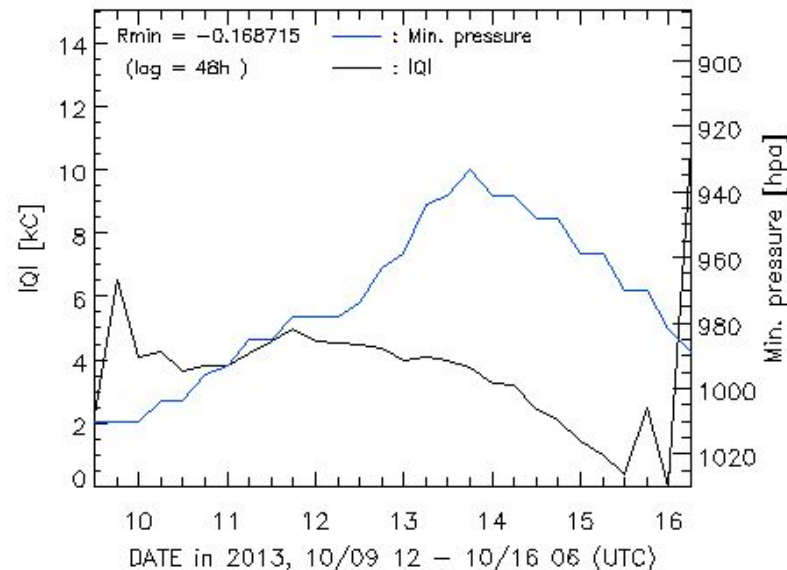
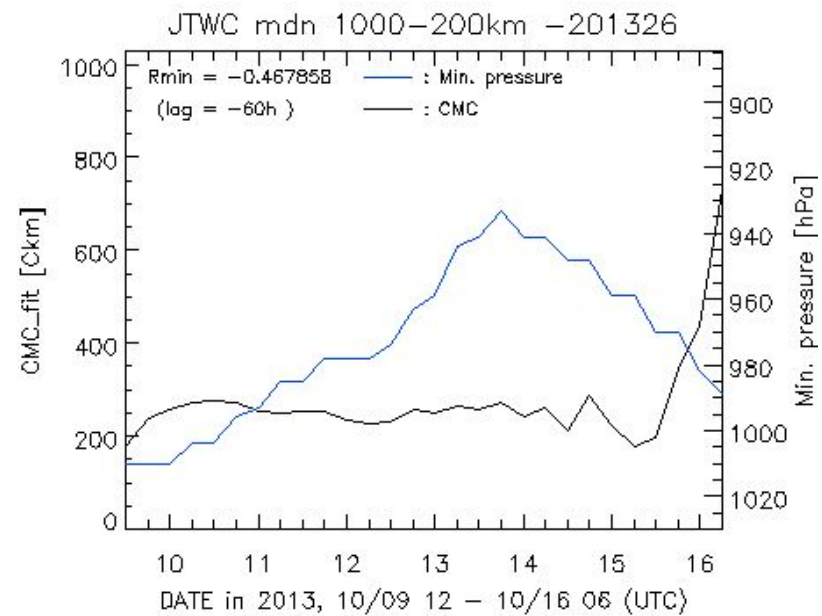
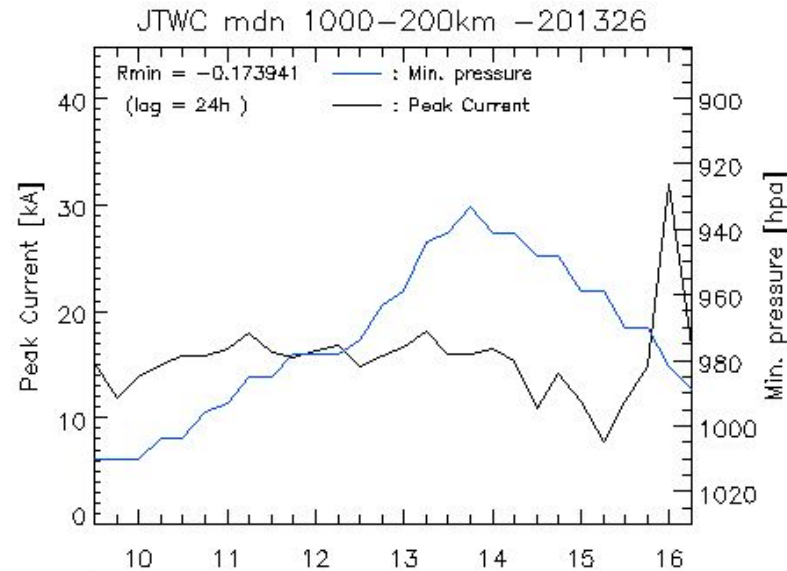


Parameter	R	lag [h]
Ip	0.17	24
CMC	0.46	-60
Q	0.17	48

All calculated events: 963

Result & Discussion WIPHA (Rainband)

Each value of electric property is median value every 6 hours



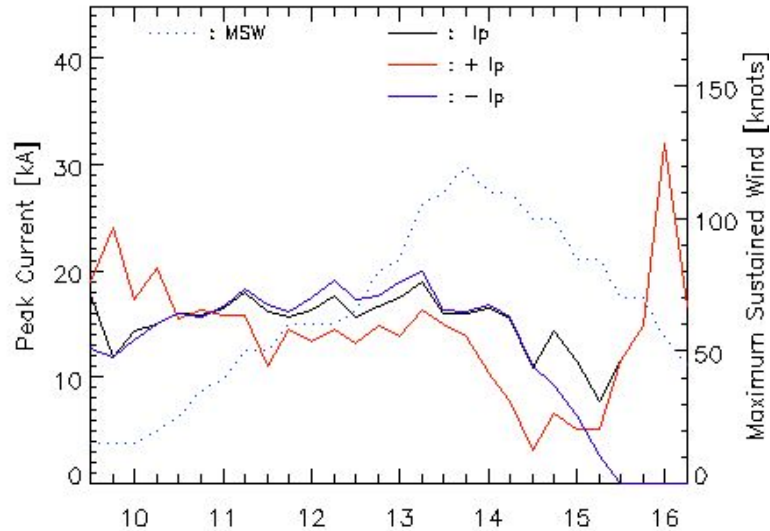
Parameter	R	lag [h]
Ip	-0.17	24
CMC	-0.47	-60
Q	-0.17	48

All calculated events: 963

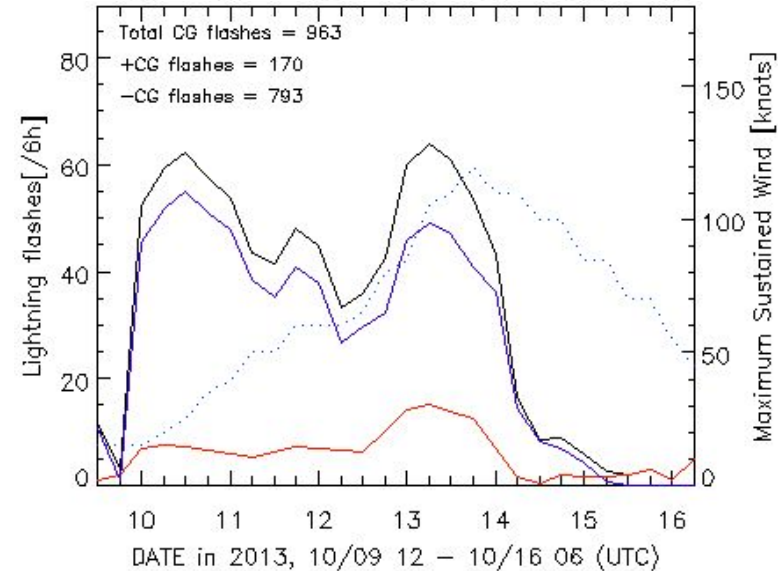
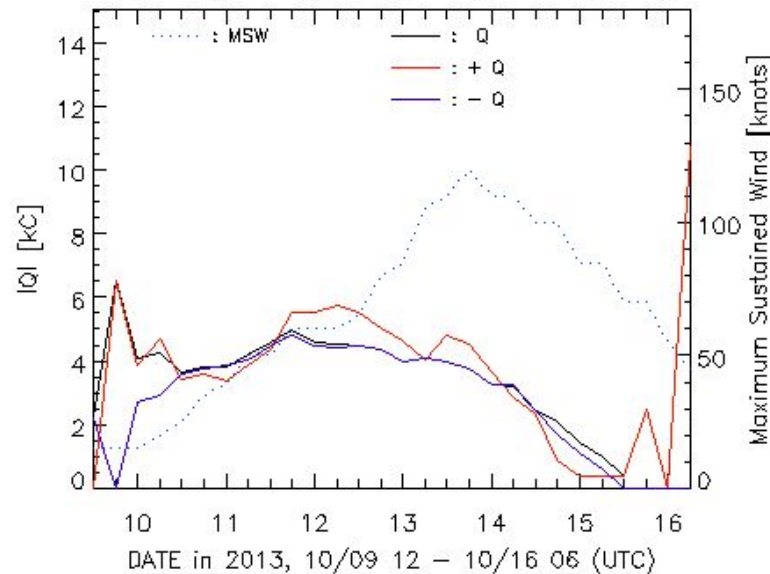
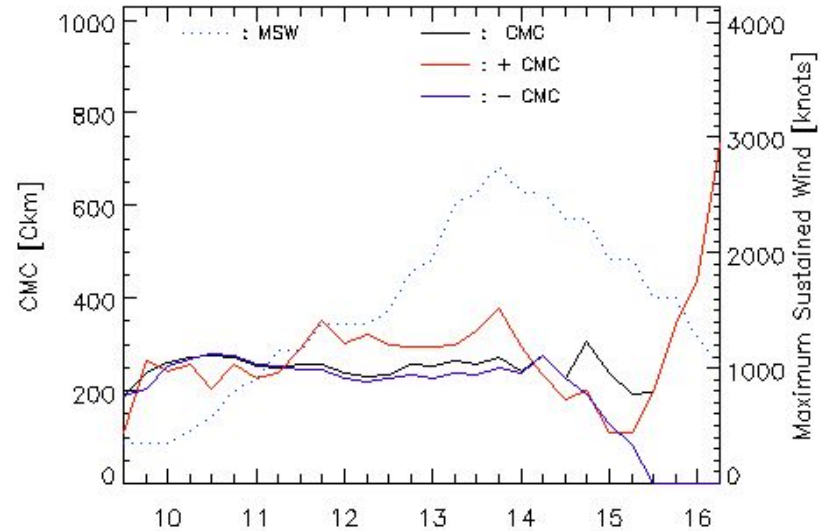
Result & Discussion WIPHA (Rainband)

Each value of electric property is median value every 6 hours

mdn 1000-200km -201326

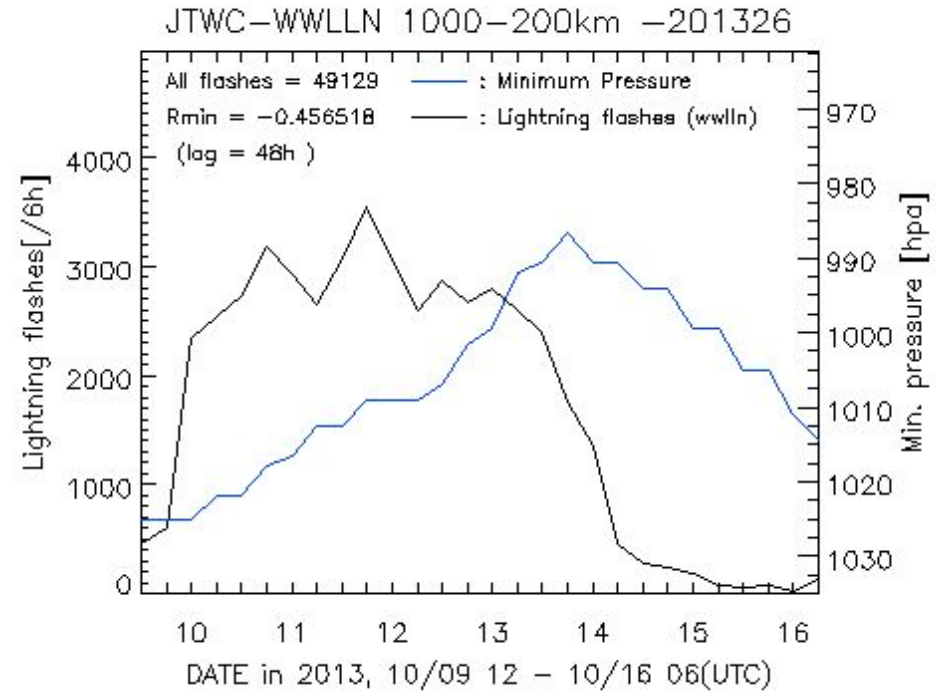
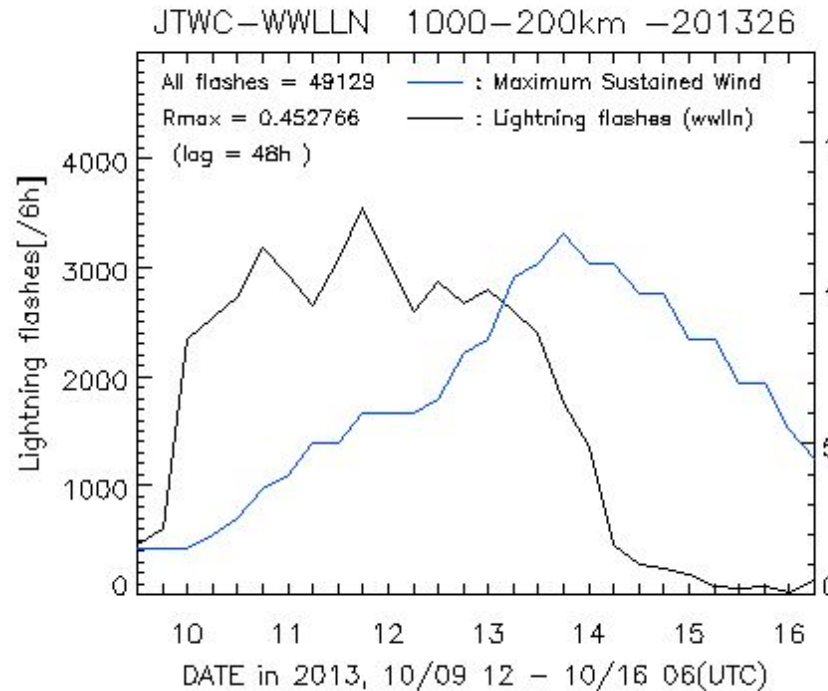


mdn 1000-200km -201326



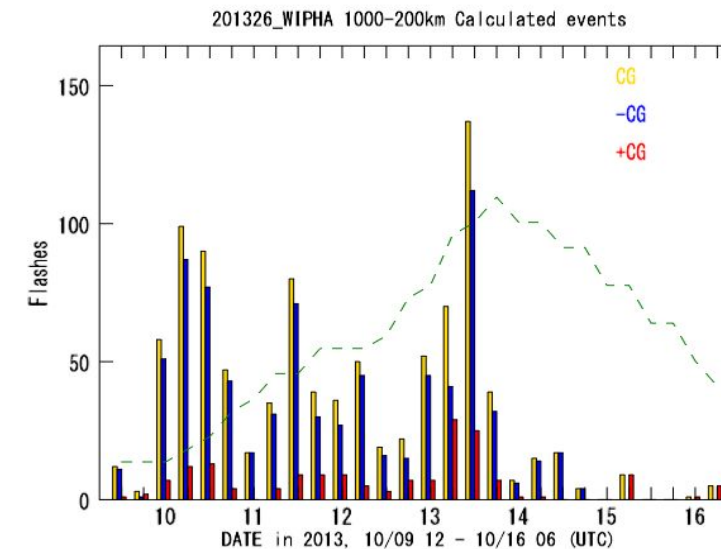
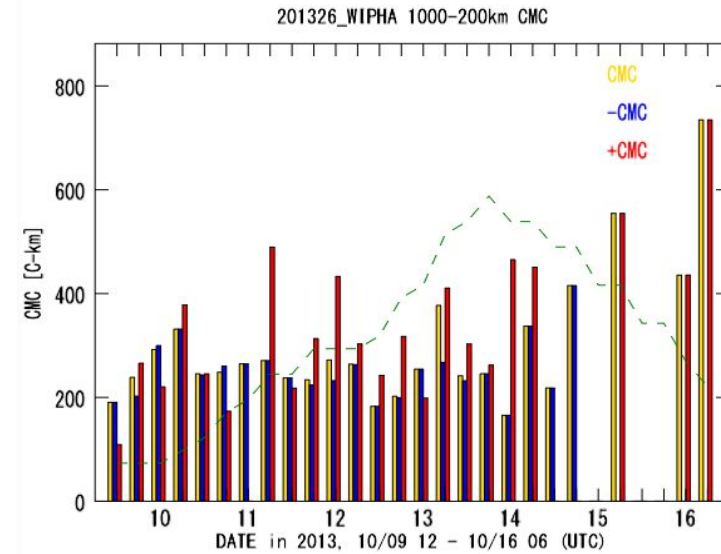
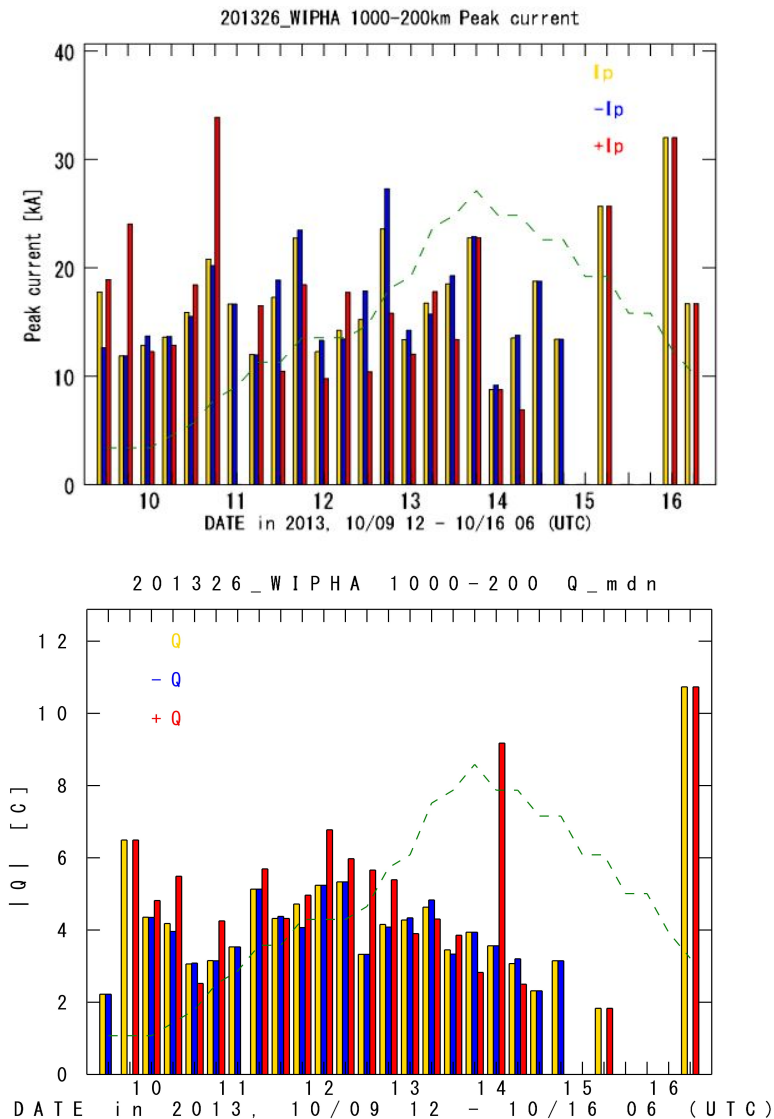
Result & Discussion WIPHA (Rainband)

Each value of electric property is median value every 6 hours



Result & Discussion WIPHA (Rainband)

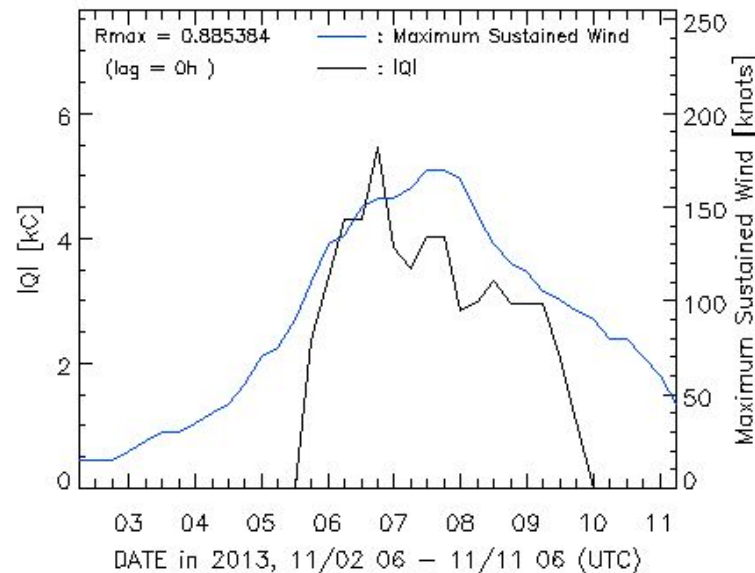
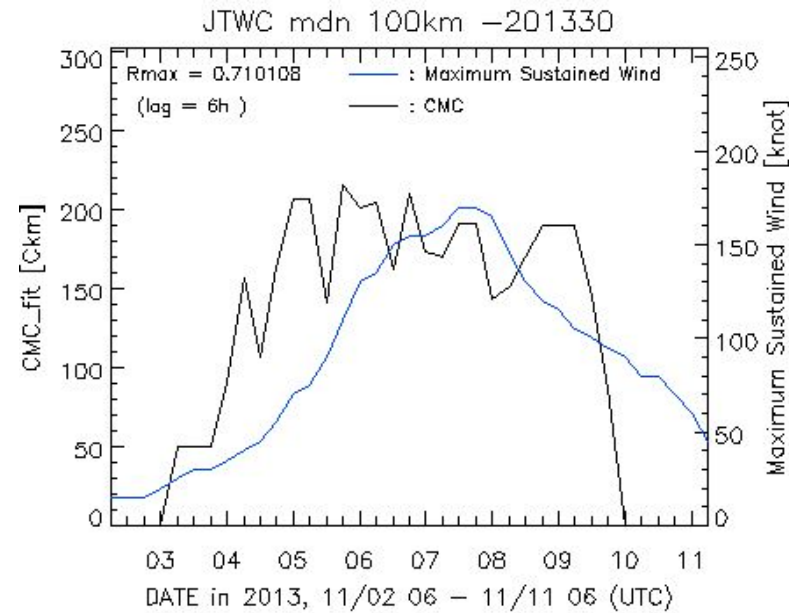
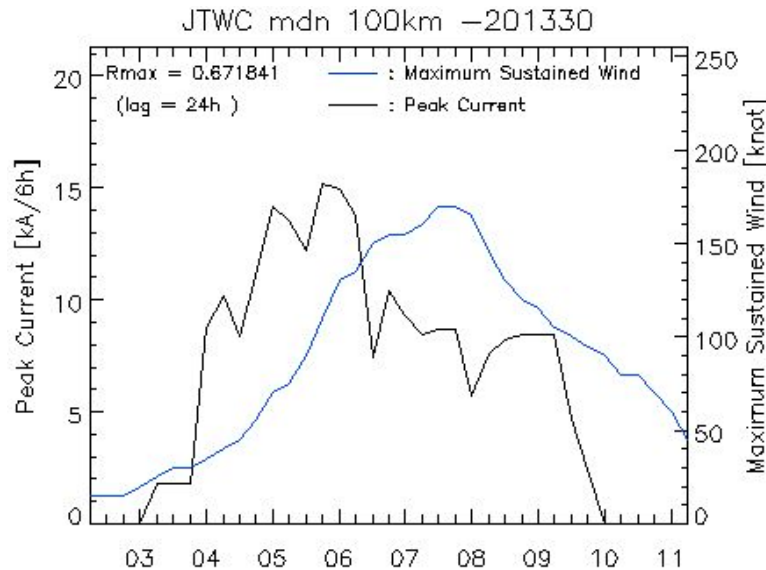
Each value of electric property is median value every 6 hours



All calculated events: 963

Result & Discussion HAIYAN (Inner Core)

Each value of electric property is median value every 6 hours

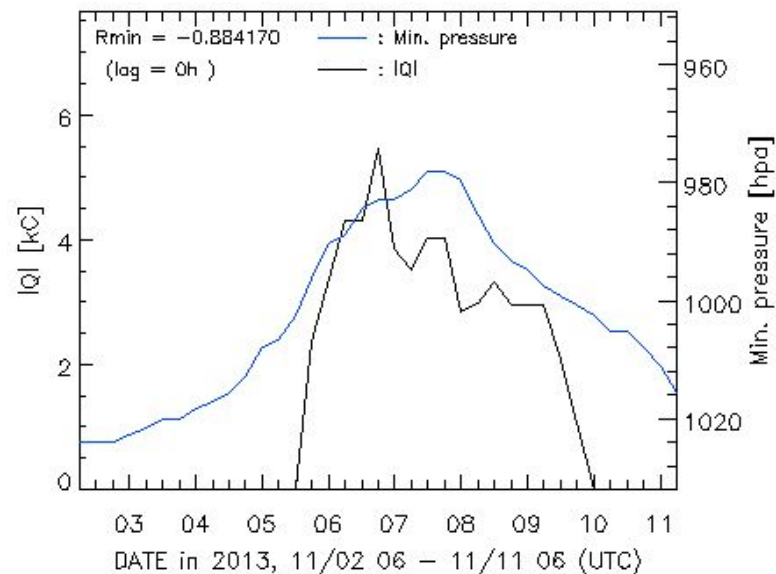
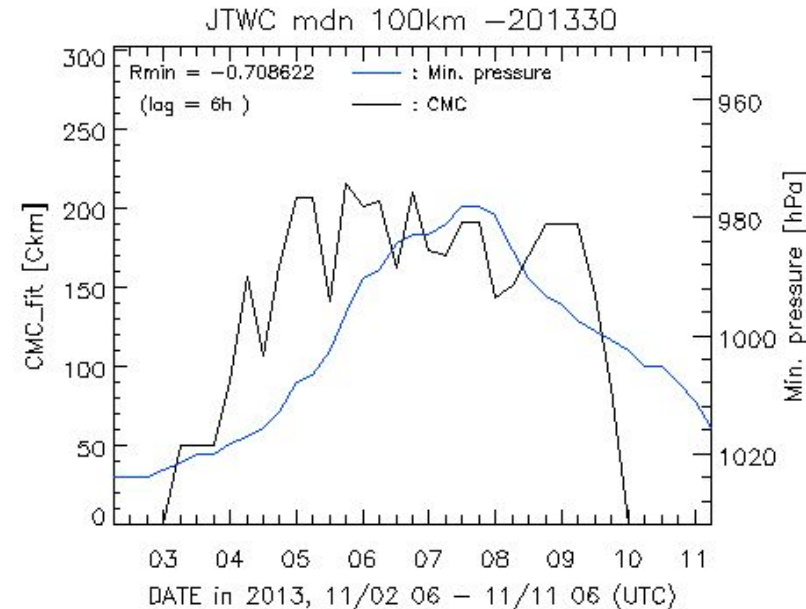
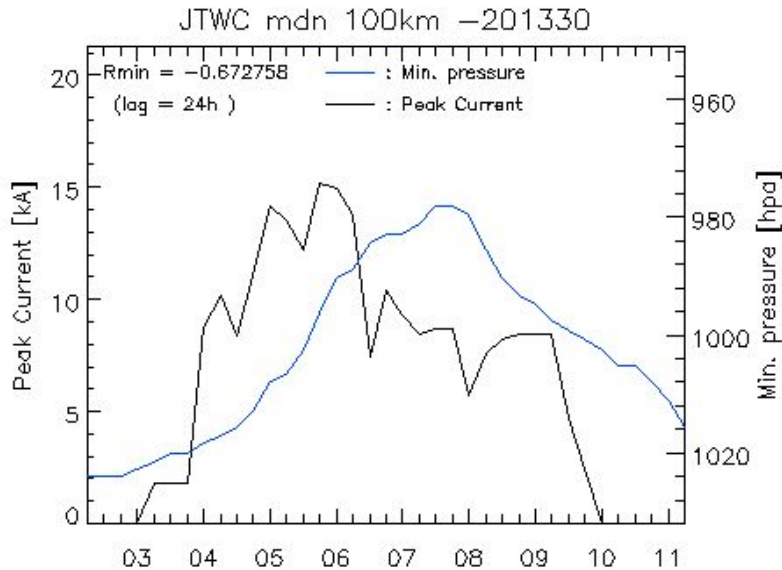


Parameter	R	lag [h]
Ip	0.67	24
CMC	0.71	6
Q	0.89	0

All calculated events: 201

Result & Discussion HAIYAN (Inner Core)

Each value of electric property is median value every 6 hours

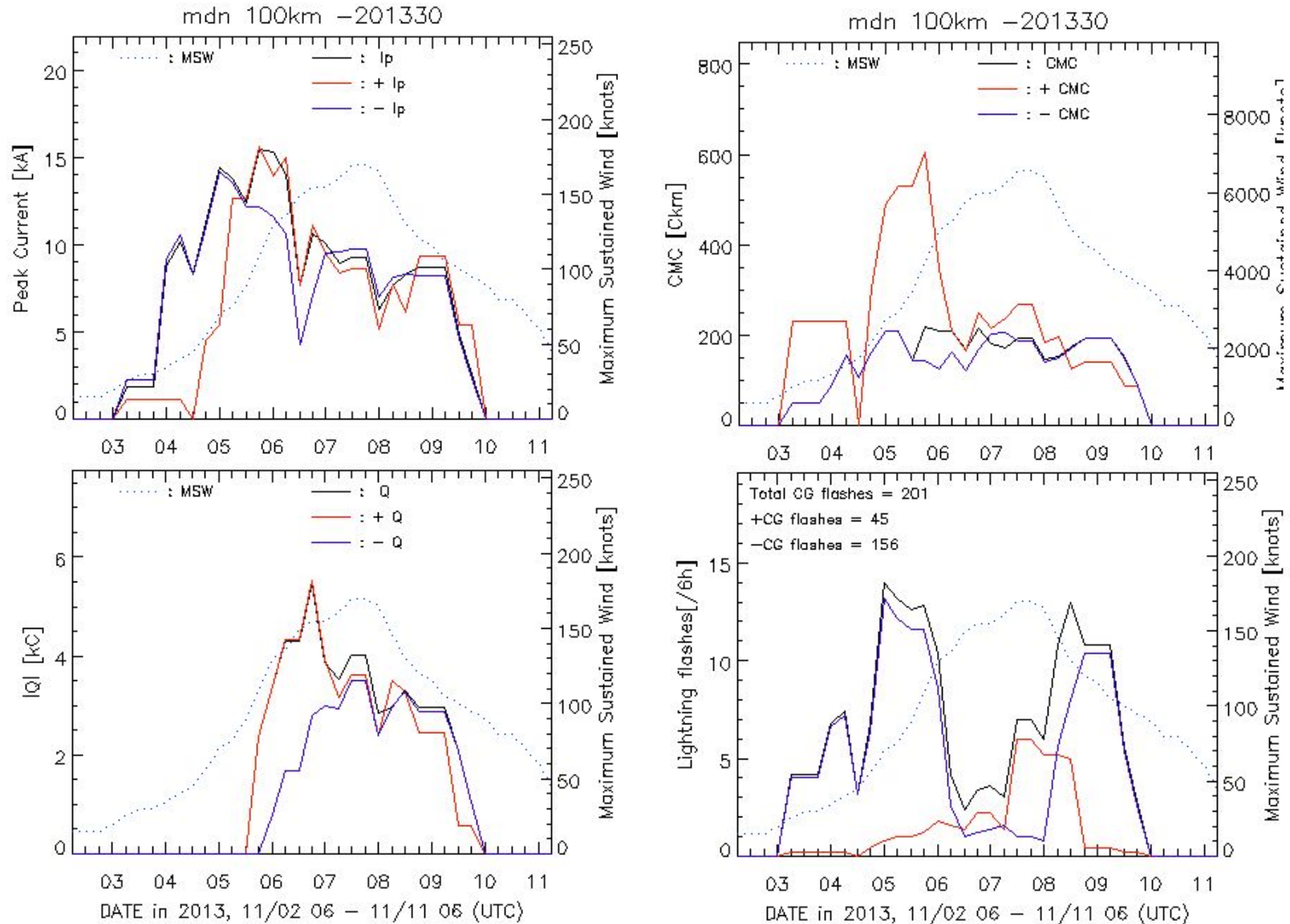


Parameter	R	lag [h]
Ip	-0.67	24
CMC	-0.71	6
Q	-0.88	0

All calculated events: 201

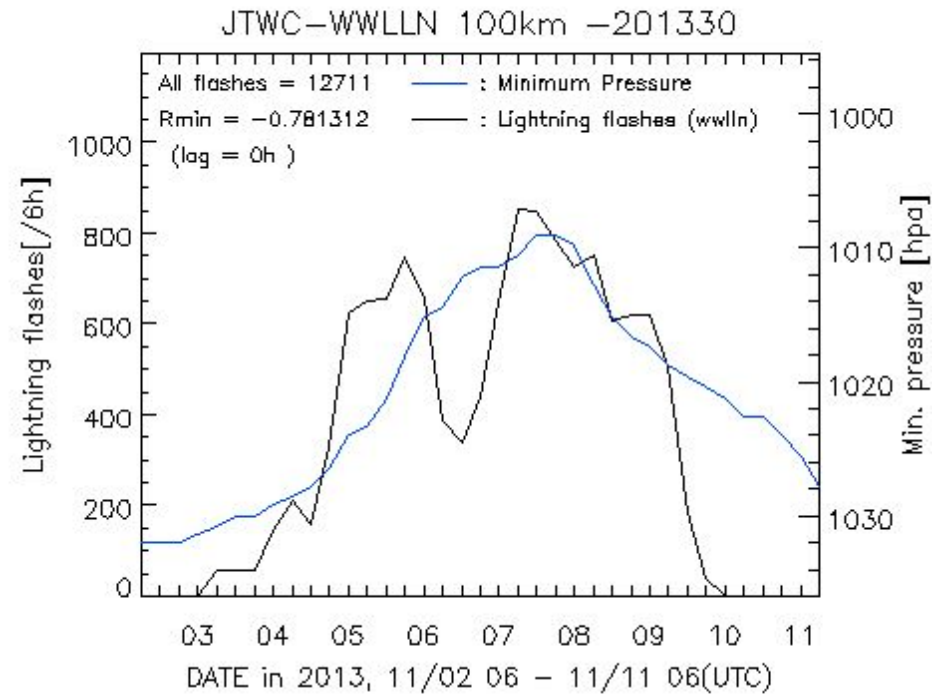
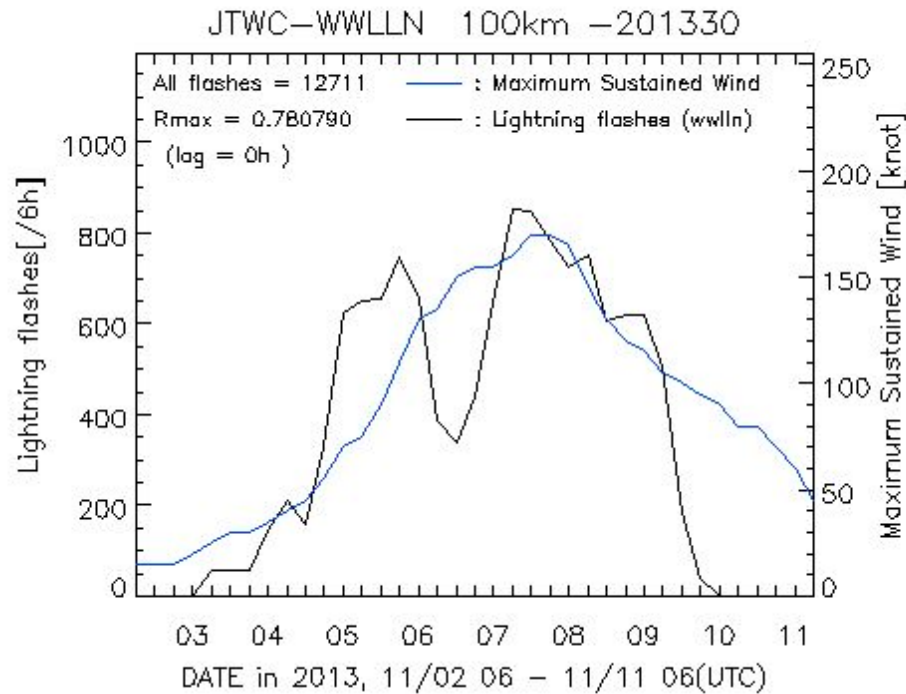
Result & Discussion HAIYAN (Inner Core)

Each value of electric property is median value every 6 hours



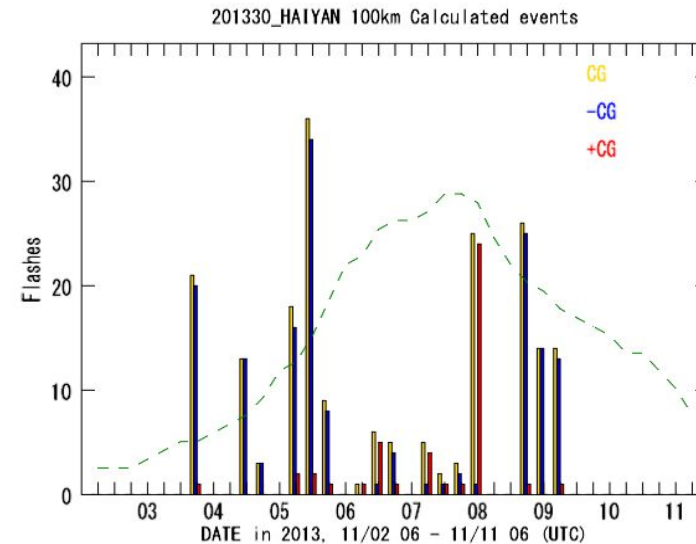
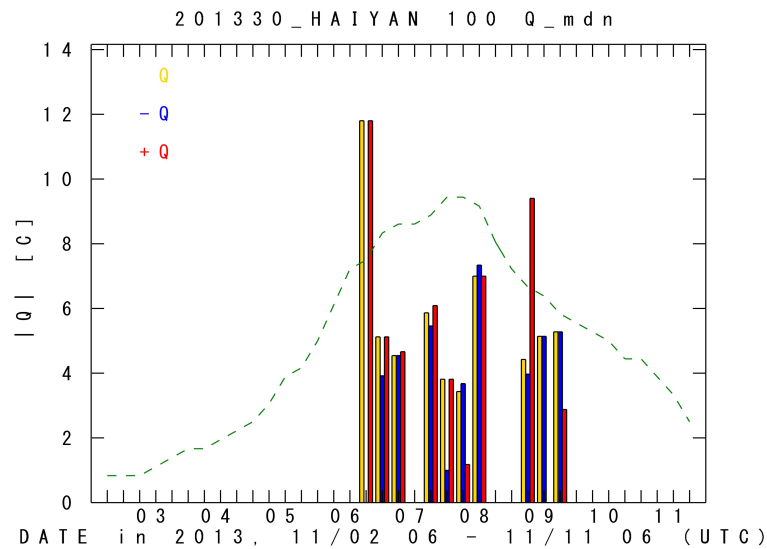
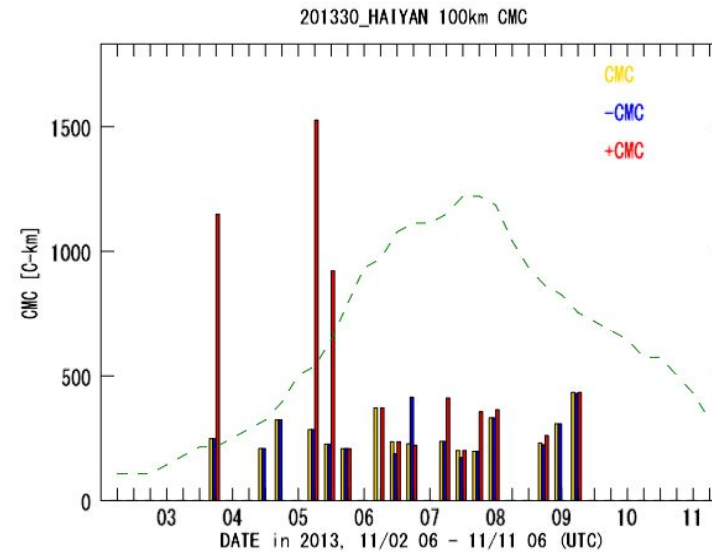
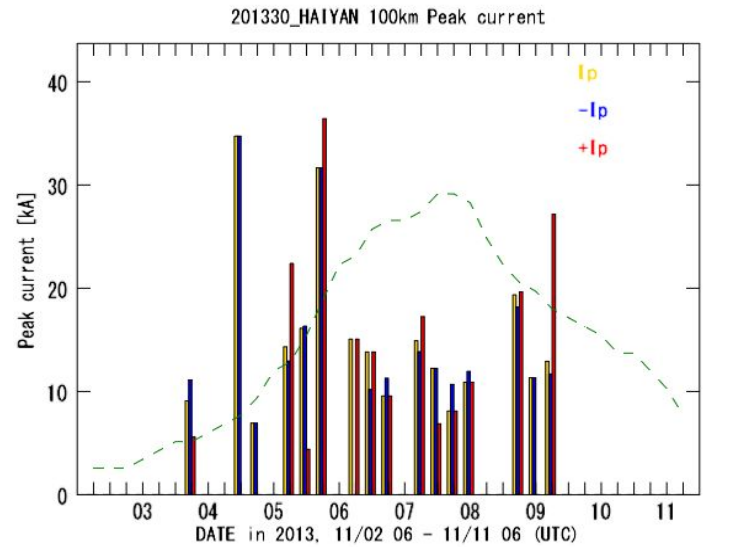
Result & Discussion HAIYAN (Inner Core)

Each value of electric property is median value every 6 hours



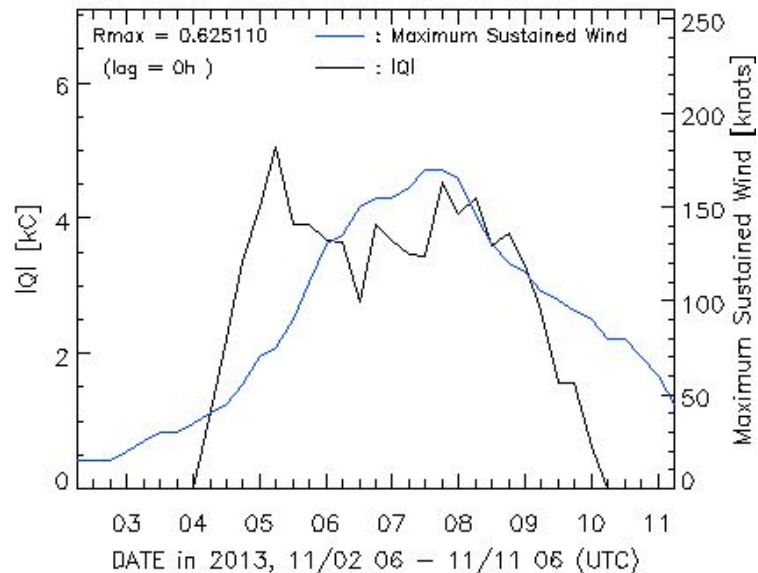
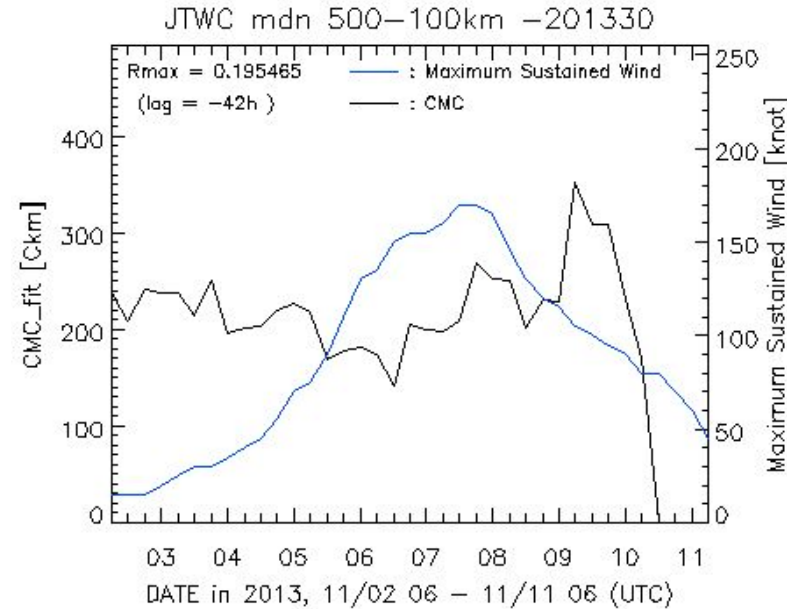
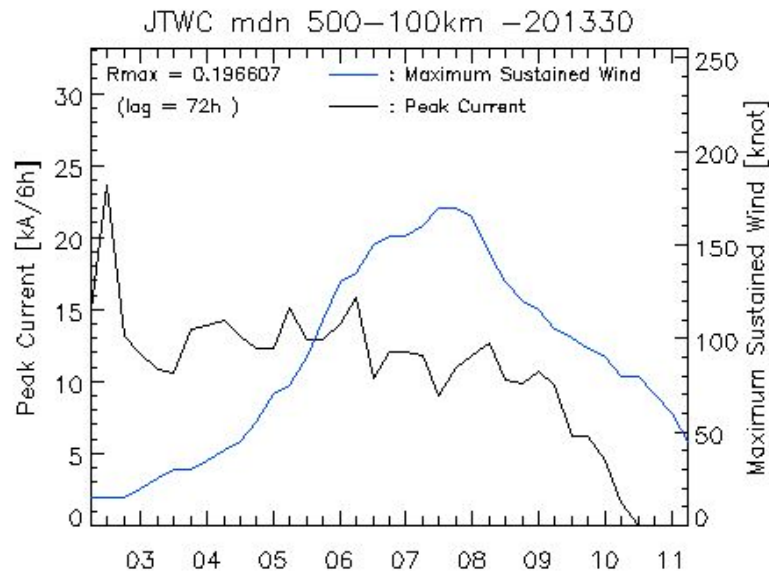
Result & Discussion HAIYAN (Inner Core)

Each value of electric property is median value every 6 hours



Result & Discussion HAIYAN (Rainband)

Each value of electric property is median value every 6 hours

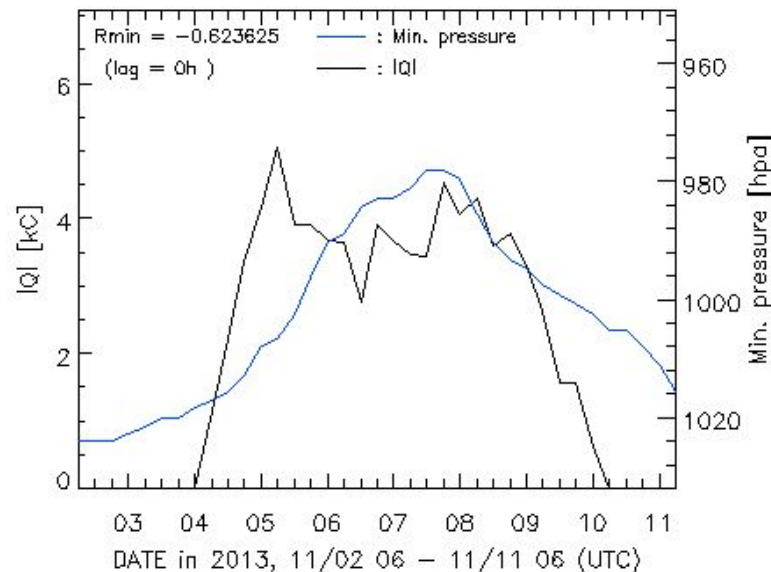
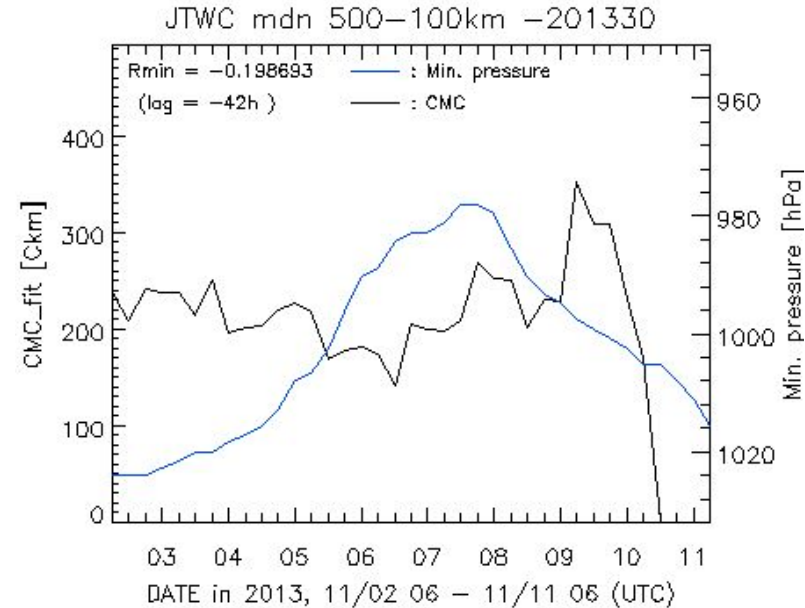
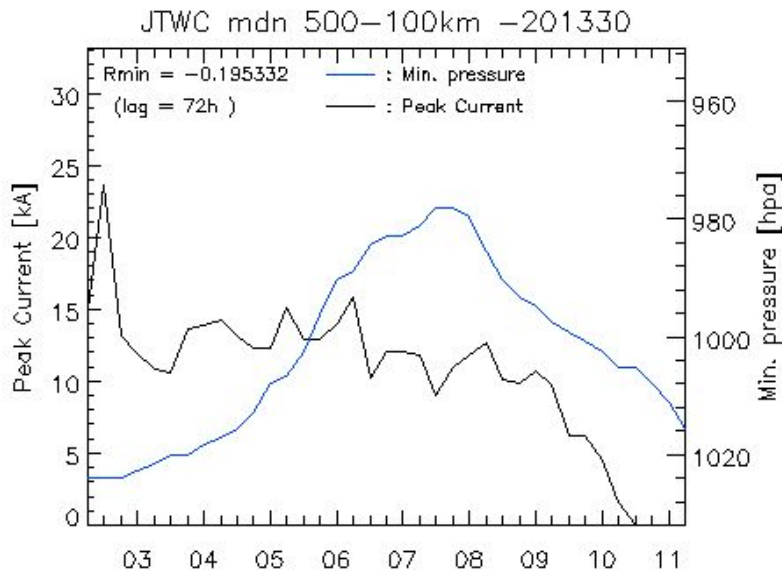


Parameter	R	lag [h]
Ip	0.197	72
CMC	0.195	-42
Q	0.63	0

All calculated events: 598

Result & Discussion HAIYAN (Rainband)

Each value of electric property is median value every 6 hours

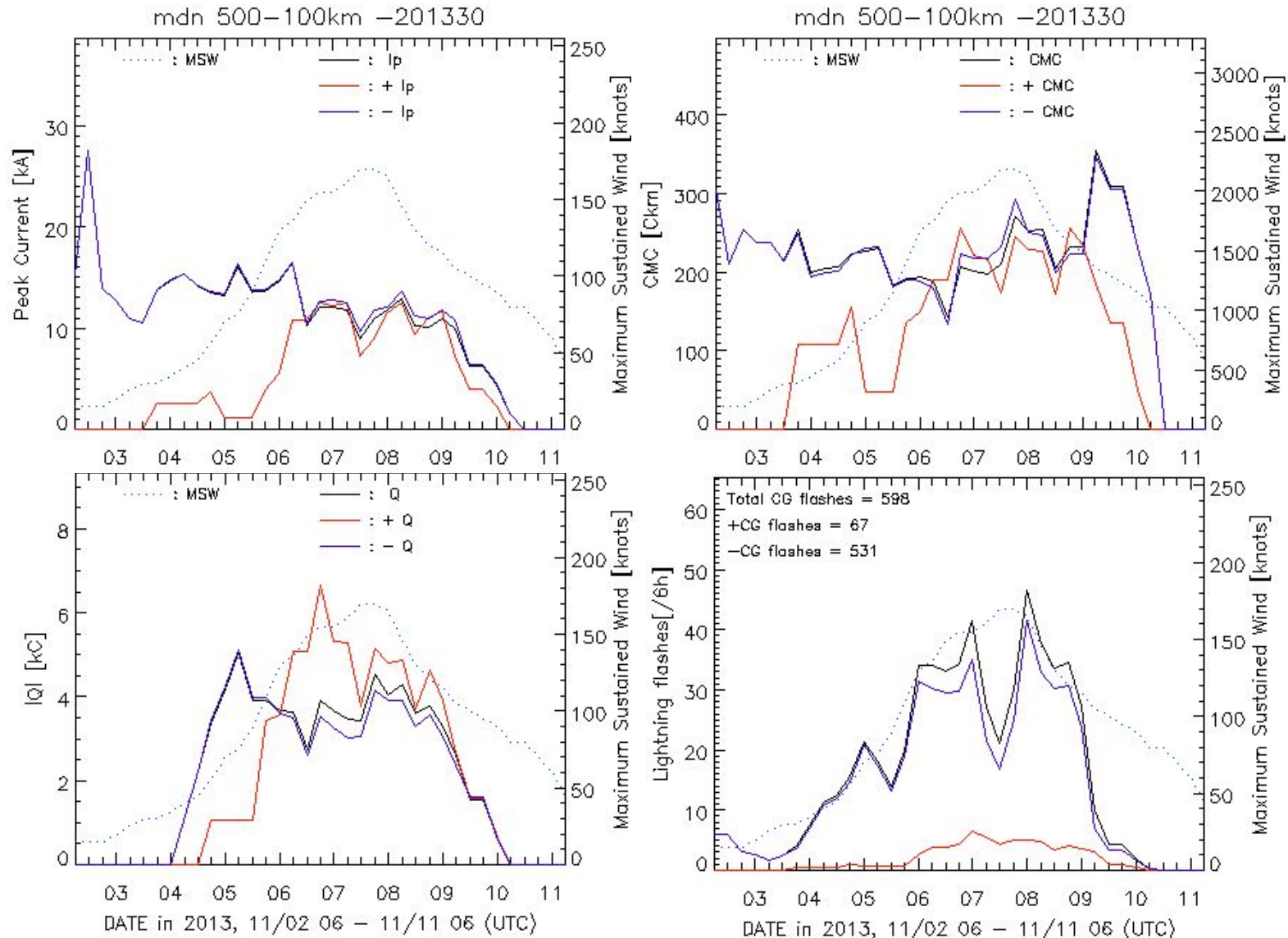


Parameter	R	lag [h]
Ip	-0.20	72
CMC	-0.20	-42
Q	-0.62	0

All calculated events: 598

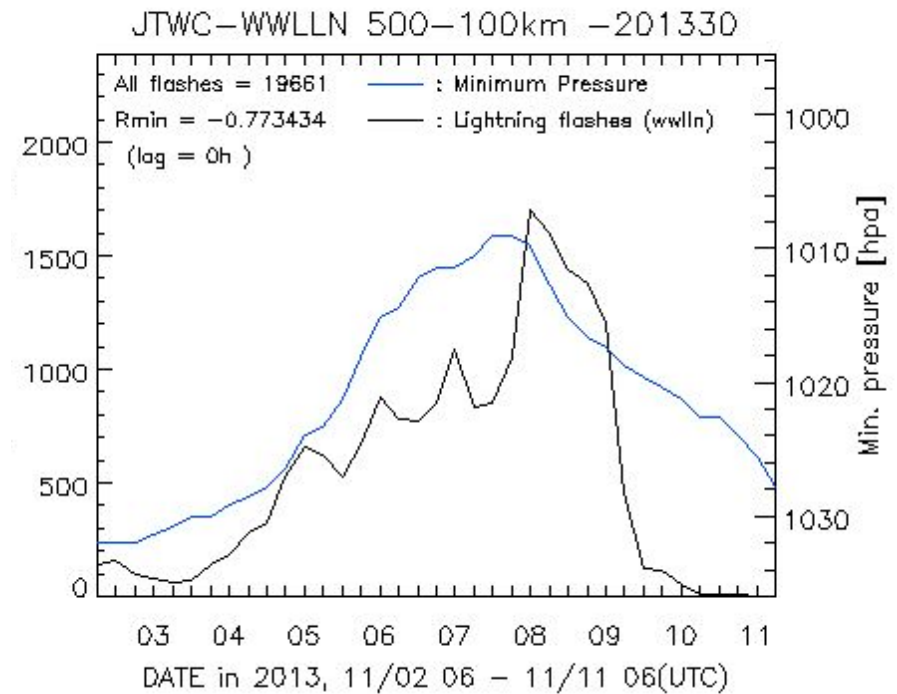
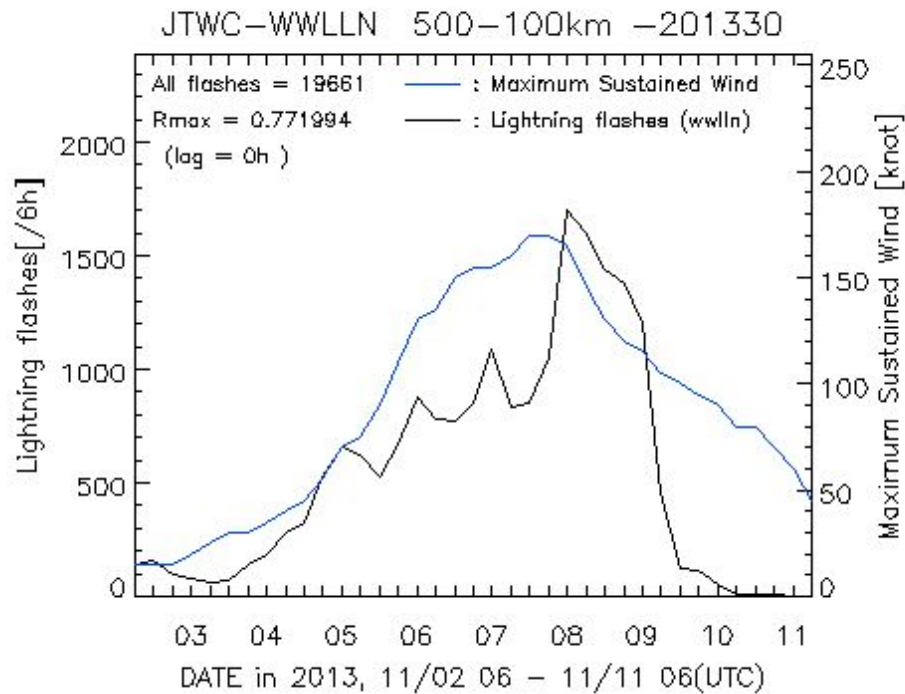
Result & Discussion HAIYAN (Rainband)

Each value of electric property is median value every 6 hours



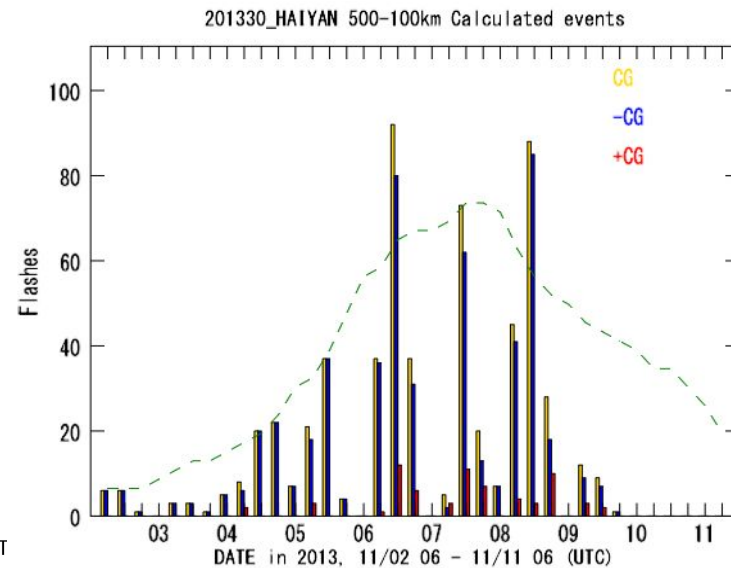
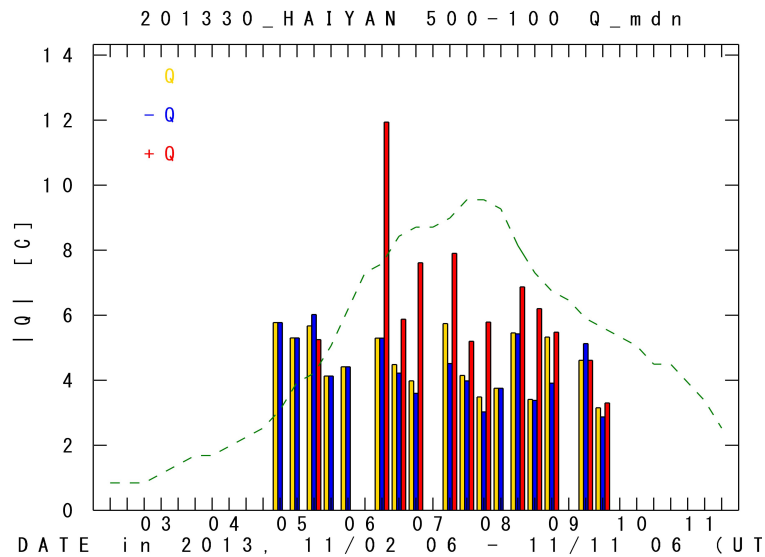
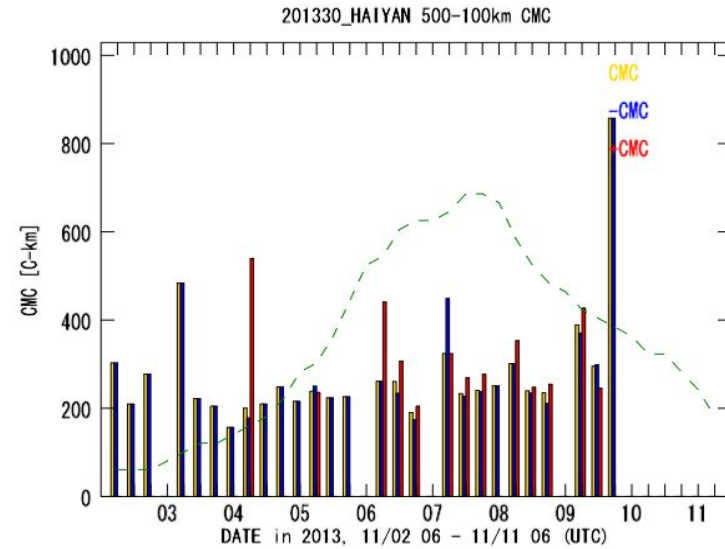
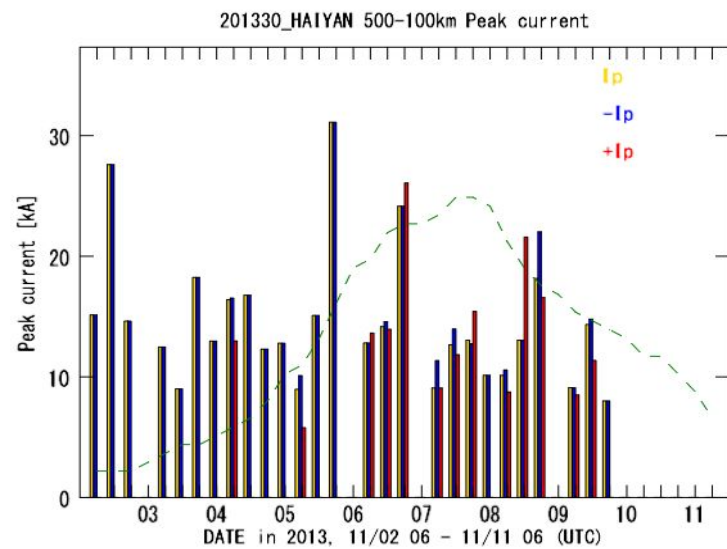
Result & Discussion HAIYAN (Rainband)

Each value of electric property is median value every 6 hours



Result & Discussion HAIYAN (Rainband)

Each value of electric property is median value every 6 hours



All calculated events: 598