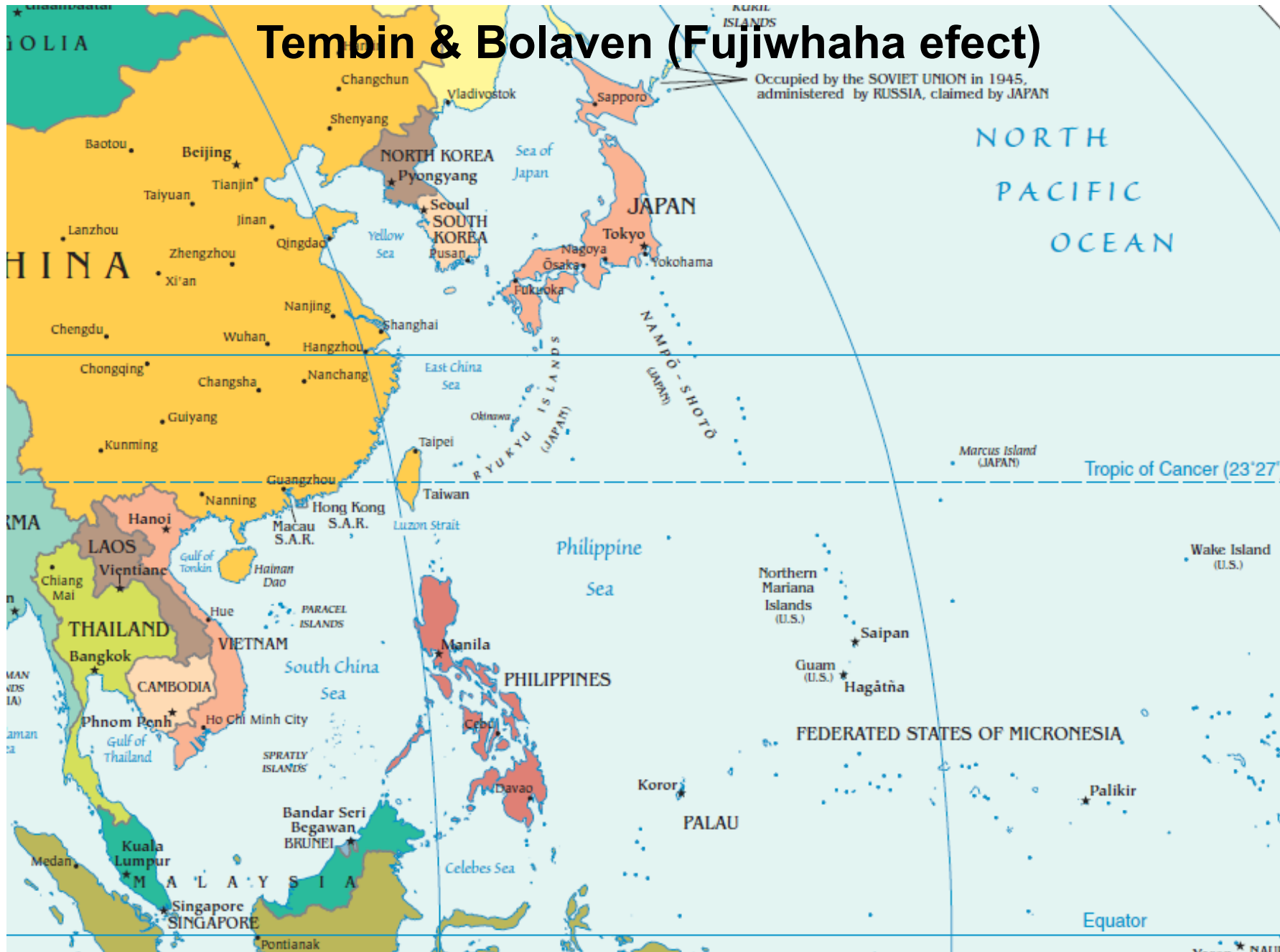
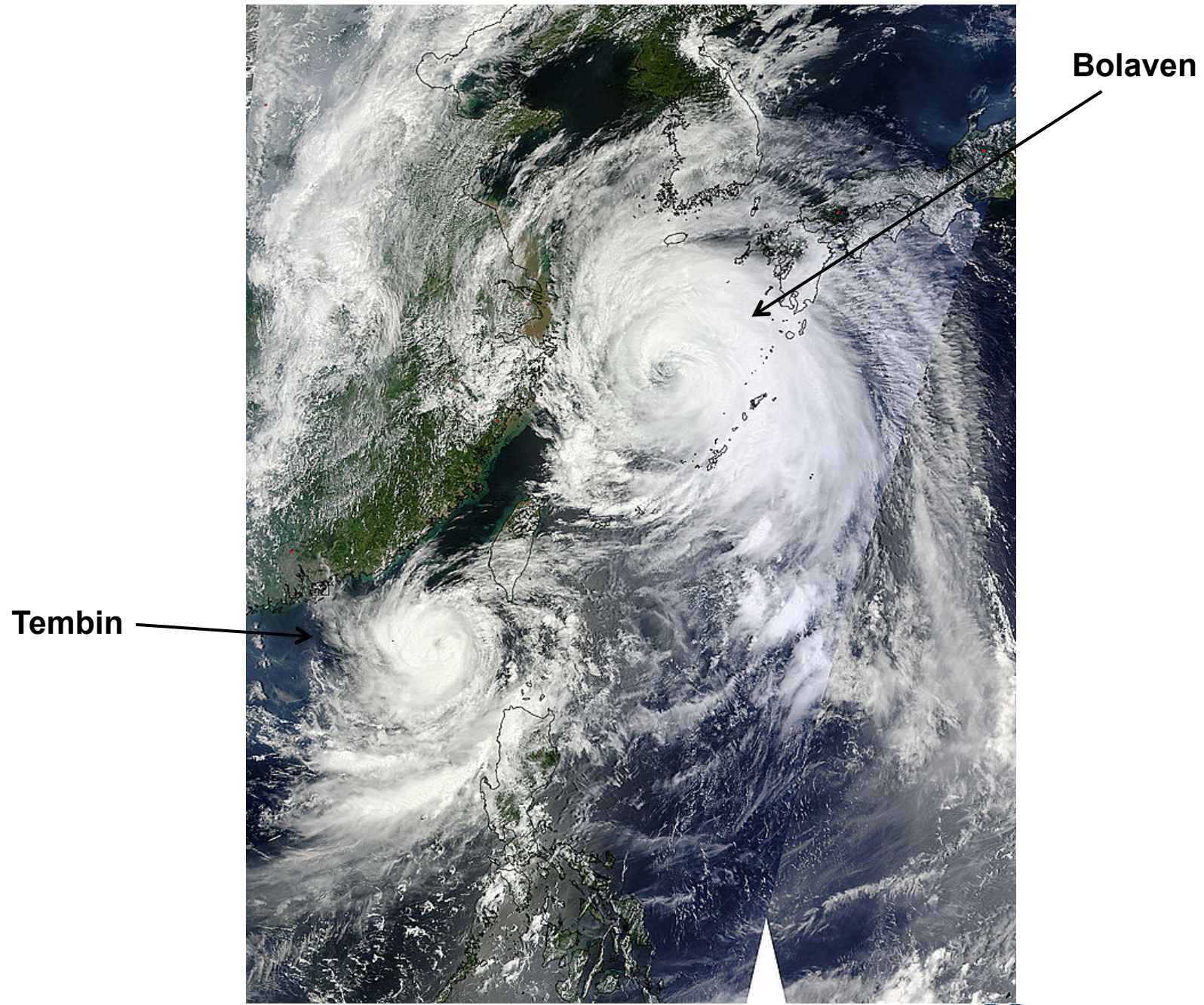


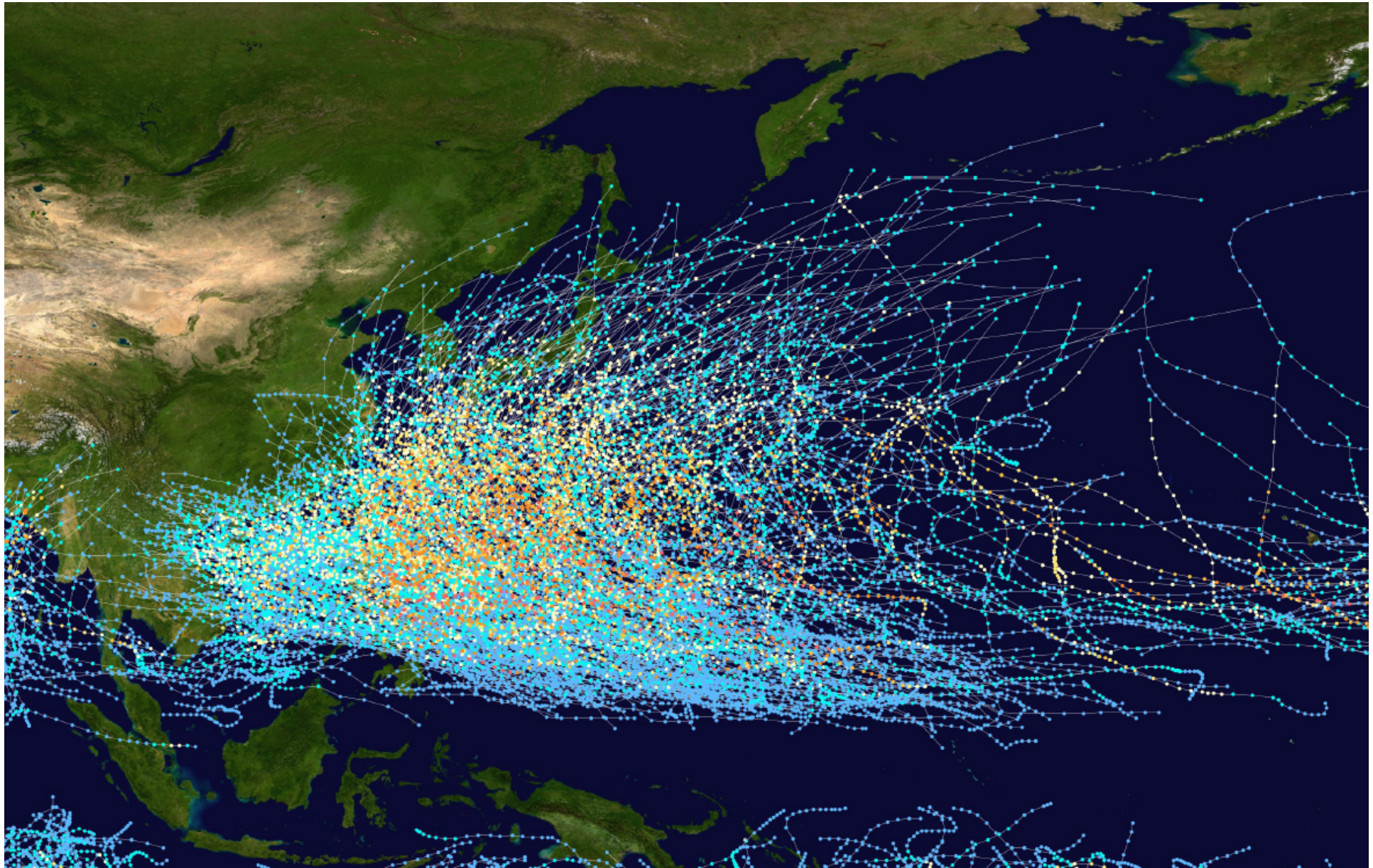
# Tembin & Bolaven (Fujiwhaha effect)



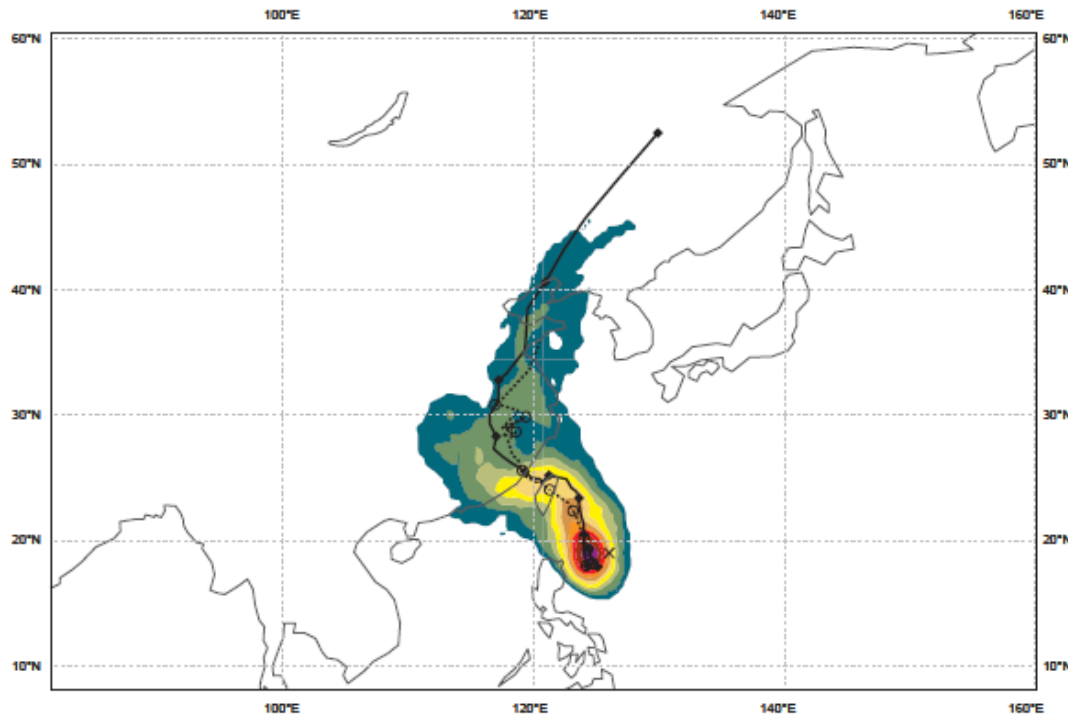




# Typhoon tracks 1985-2005



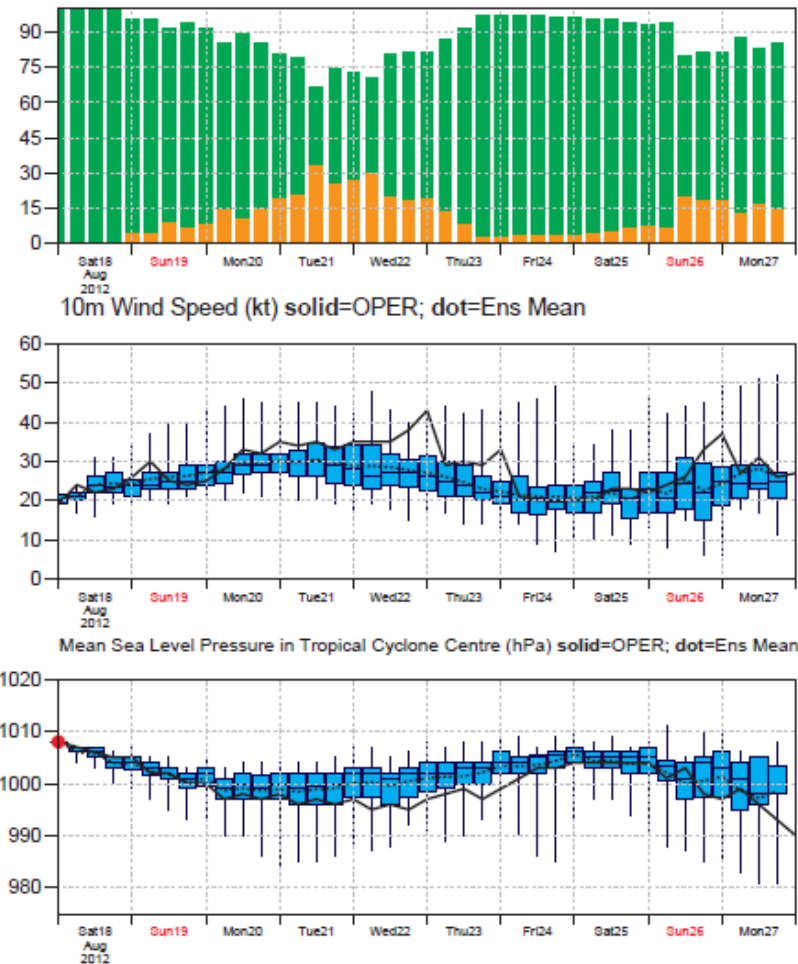
Date 20120818 00 UTC @ECMWF  
 Probability that **17W** will pass within 120 km radius during the next **240 hours**  
 tracks: **solid=OPER**; **dot=Ens Mean** [reported minimum central pressure (hPa) **1008** ]



List of ensemble members forecast Tropical Cyclone  
 Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[ >95 kt]

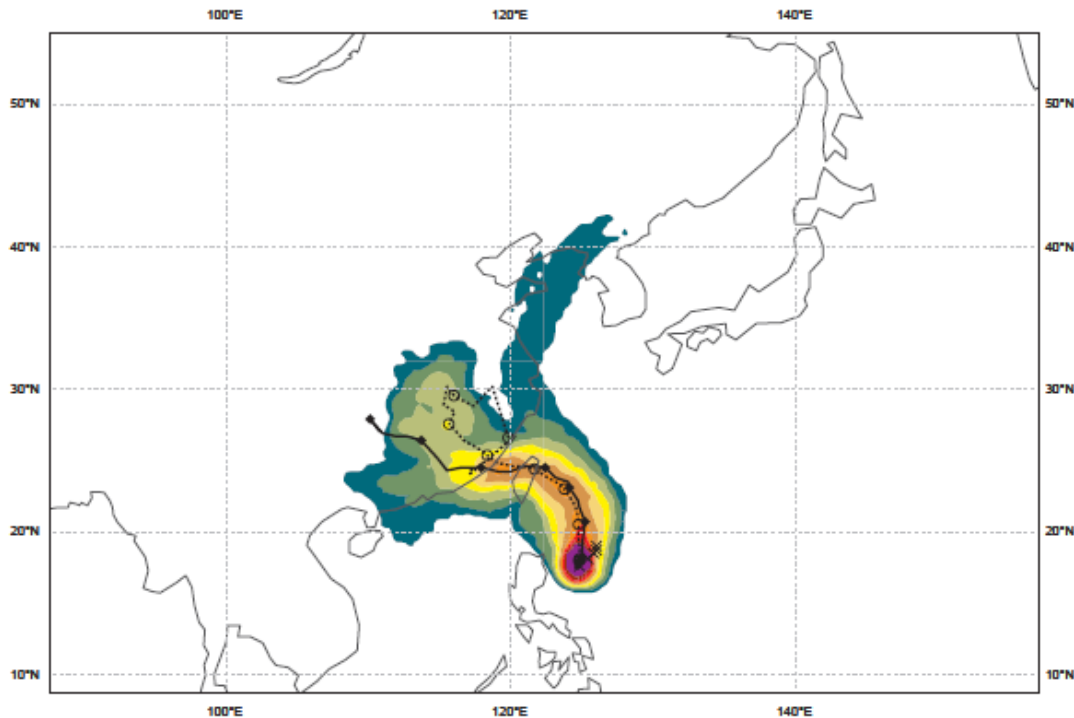
+024 h : hr ct 01 02 03	05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23	25 26 27	29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
+048 h : hr ct 01 02 03	05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23	25 26 27	29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
+072 h : hr ct 01 02 03	05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23	25 26 27	29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 45 46 47 48 49 50
+096 h : hr ct 01 02 03	05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23	25 26 27	29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
+120 h : hr ct 02 03	05 06 07 09 10 11 12 14 15 16 17 18 19 20 21 22 23	25 26 27	29 30 31 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50
+144 h : hr ct 03	05 06 07 09 11 12 14 15 16 18 19 20 22 23	25 26 27	29 30 31 33 34 36 37 38 39 41 42 43 44 45 46 47 48 49 50
+168 h : hr ct	05 06 07 09 12 14 18 20 22 25 27	29 30 33 34 36 37 38 39 41 43 45 46 47 48 49 50	
+192 h : hr ct	05 07 09 14 20 22	31 36 37 43 44 46 48 49	
+216 h : hr	05 06 09 14 20 27	31 37 45 46 48	
+240 h : hr		30 37 46 48	

Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [ > 95 kt]





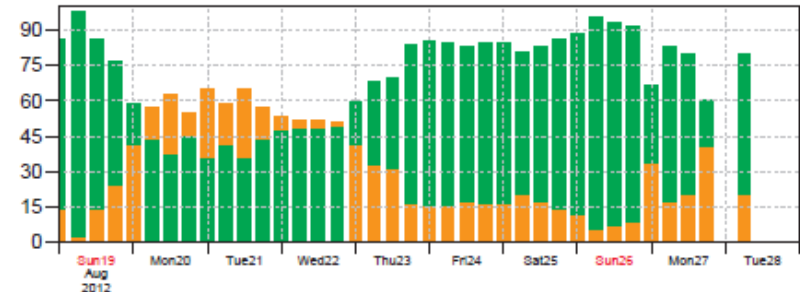
Date 20120819 00 UTC @ECMWF  
 Probability that **TEMBIN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid**=OPER; **dot**=Ens Mean [reported minimum central pressure (hPa) **1002** ]



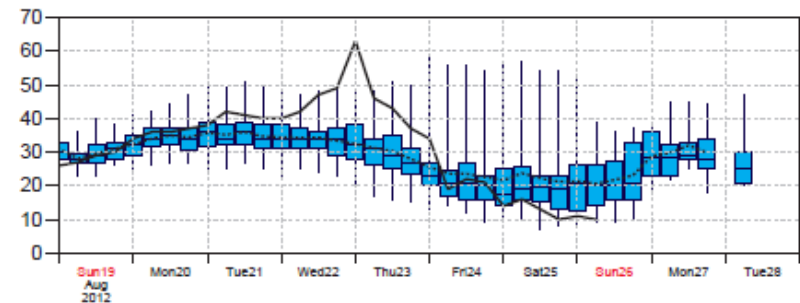
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[>95 kt]

+024 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+048 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+072 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+096 h :	hr	ct	01	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
+120 h :	hr	ct	01	03	04	05	06	07	11	12	13	14	15	16	17	18	20	22	23	24	25	26	27	28	29	30	31	32	33	34	35	37	38	39	40	42	43	44	45	47	48	50										
+144 h :	hr	ct	01	03	04	05	06	07	11	13	14	15	16	18	22	23	24	25	26	27	28	29	30	31	32	33	34	35	37	38	39	40	42	43	44	45	47	48	50													
+168 h :	hr	ct	01	03	04	05	06	07	11	13	15	16	22	23	24	25	26	27	28	29	30	31	32	33	34	35	37	38	39	40	42	43	44	45	47	48	50															
+192 h :				04					11	15	23	26																																								
+216 h :				04					11	15																																										
+240 h :									11	15																																										

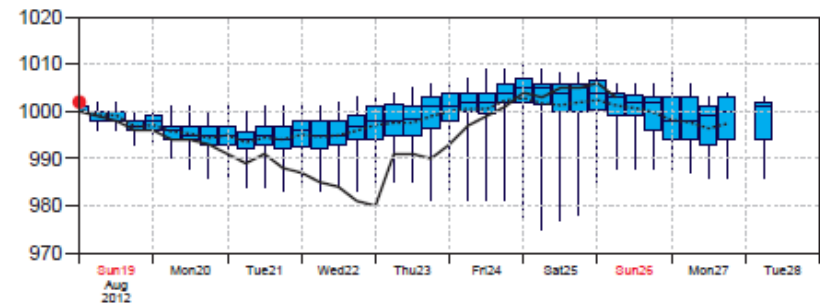
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [ > 95 kt]



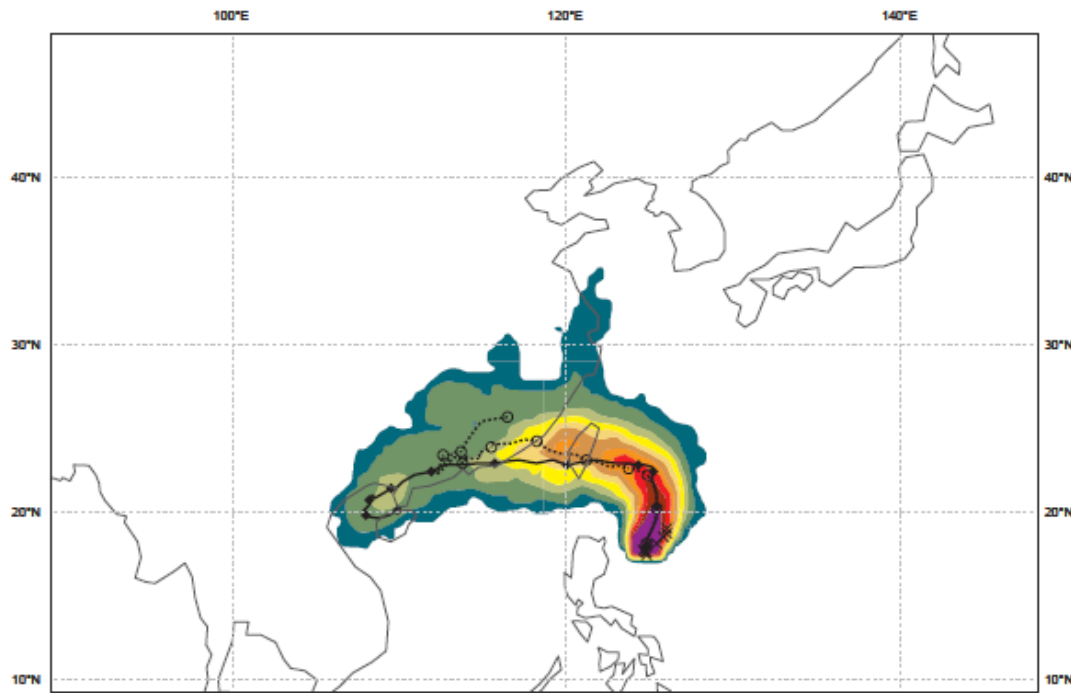
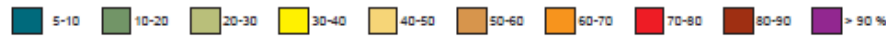
10m Wind Speed (kt) solid=OPER; dot=Ens Mean



Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean



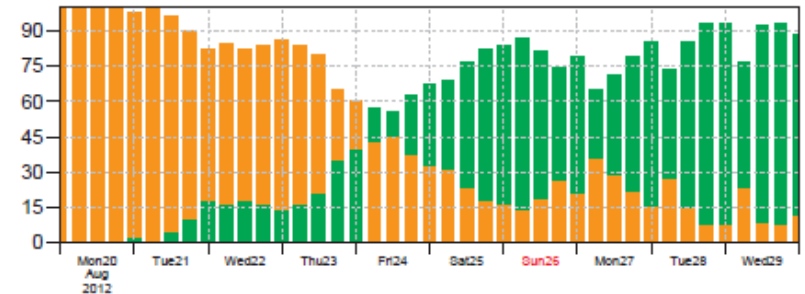
Date 20120820 00 UTC @ECMWF  
 Probability that **TEMBIN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid**=OPER; **dot**=Ens Mean [reported minimum central pressure (hPa) **975** ]



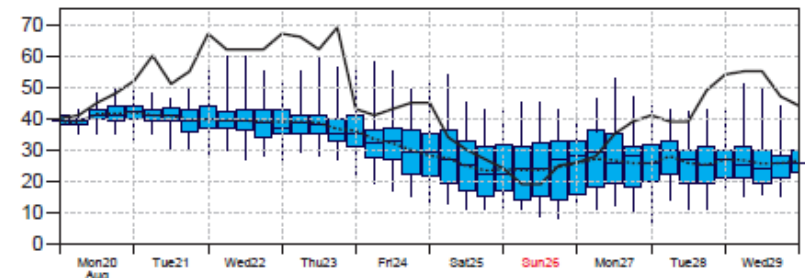
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[ >95 kt]

+024 h : hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+048 h : hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+072 h : hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+096 h : hr	ct	01	02	03	04	05	06	07	08	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	40	41	42	43	44	45	46	47	48	49	50		
+120 h : hr	ct	01	02	04	05	06	07	08	10	11	12	13	15	16	18	20	21	22	23	24	25	26	27	29	30	31	32	33	34	36	37	38	41	43	45	46	47	48	49	50											
+144 h : hr	ct	01	05	06	07	08	10	12	13	16	18	20	21	22	23	25	27	29	30	31	32	33	34	36	37	38	41	43	45	46	47	48																			
+168 h : hr	ct	01	06	08	10	11	12	16	18	19	20	21	23	25	27	29	32	33	37	38	43	45	46	47																											
+192 h : hr	ct	01	06	08	10	11	12	16	18	19	21	25	27	29	33	37	38	43	45	46	47																														
+216 h : hr	ct	01	06	08	11	12	18	19																																											
+240 h : hr	ct	01	06																																																

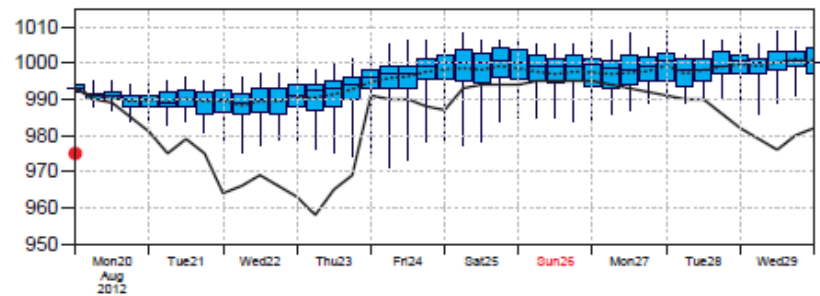
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [ > 95 kt]



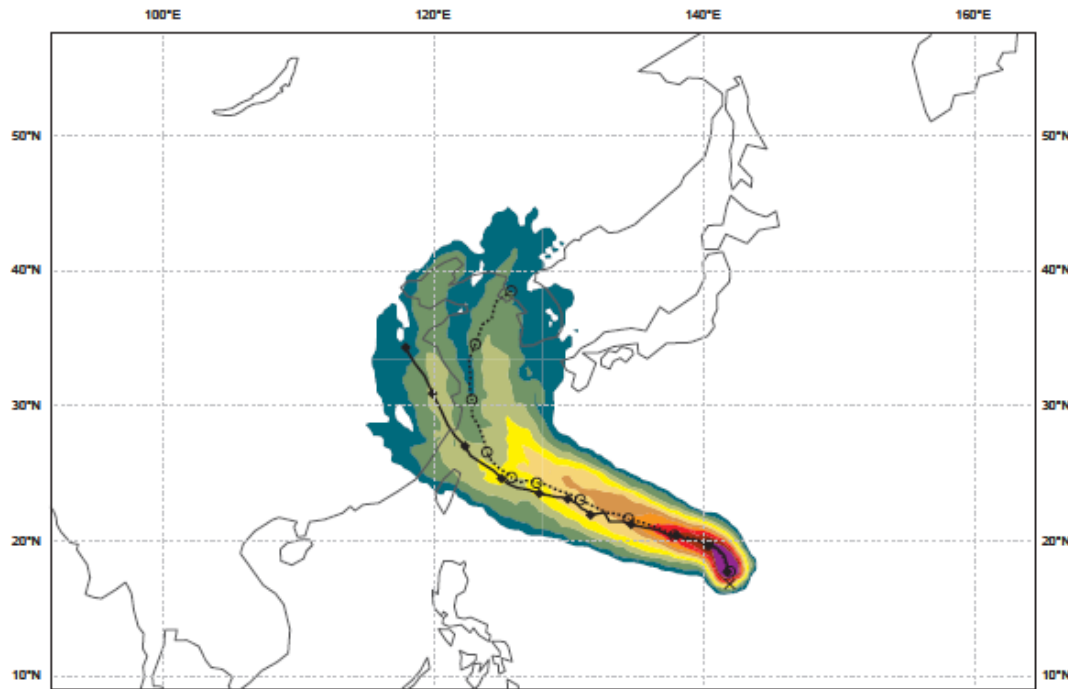
10m Wind Speed (kt) solid=OPER; dot=Ens Mean



Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean



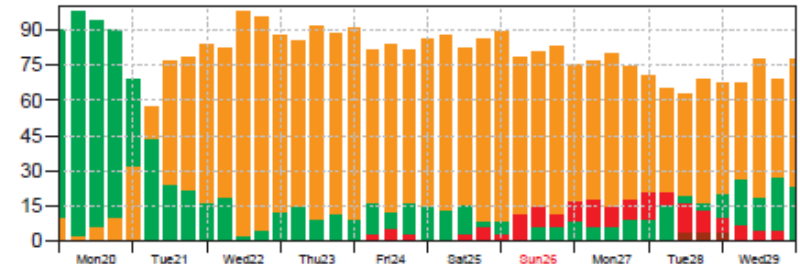
Date 20120820 00 UTC @ECMWF  
 Probability that **18W** will pass within 120 km radius during the next **240** hours  
 tracks: **solid**=OPER; **dot**=Ens Mean [reported minimum central pressure (hPa) **1004** ]



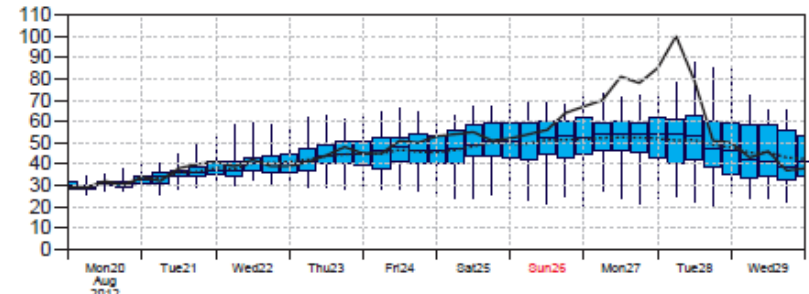
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[ >95 kt]

+024 h : hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+048 h : hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
+072 h : hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
+096 h : hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	16	17	18	19	20	21	22	23	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	47	48	49					
+120 h : hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	14	16	17	18	19	20	21	22	23	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	47	48	49					
+144 h : hr	ct	01	02	03	04	05	06	07	09	11	12	14	16	17	19	20	21	22	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	44	47	48	49											
+168 h : hr	ct	01	02	03	04	05	06	07	09	11	12	14	16	17	19	20	21	22	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	44	47	48	49											
+192 h : hr	ct	01	02	03	04	05	06	07	09	11	12	14	16	17	19	20	21	22	25	26	27	28	29	30	31	32	33	34	35	36	37	38	41	42	44	47	48	49													
+216 h : hr	ct	01	02	03	04	05	06	07		11	12	14	16	17	19	20	22	25	26	27	28	29	30	31	32	33	34	35	36	37	38	41	44	47	48	49															
+240 h : hr			02	04	05	06	07		11	12	14	16	17	19	20	22	25	26	28						32	33					37	38	41	44																	

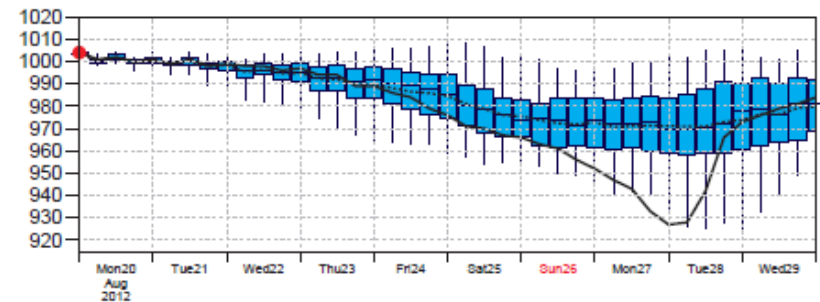
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [ > 95 kt]



10m Wind Speed (kt) solid=OPER; dot=Ens Mean



Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean

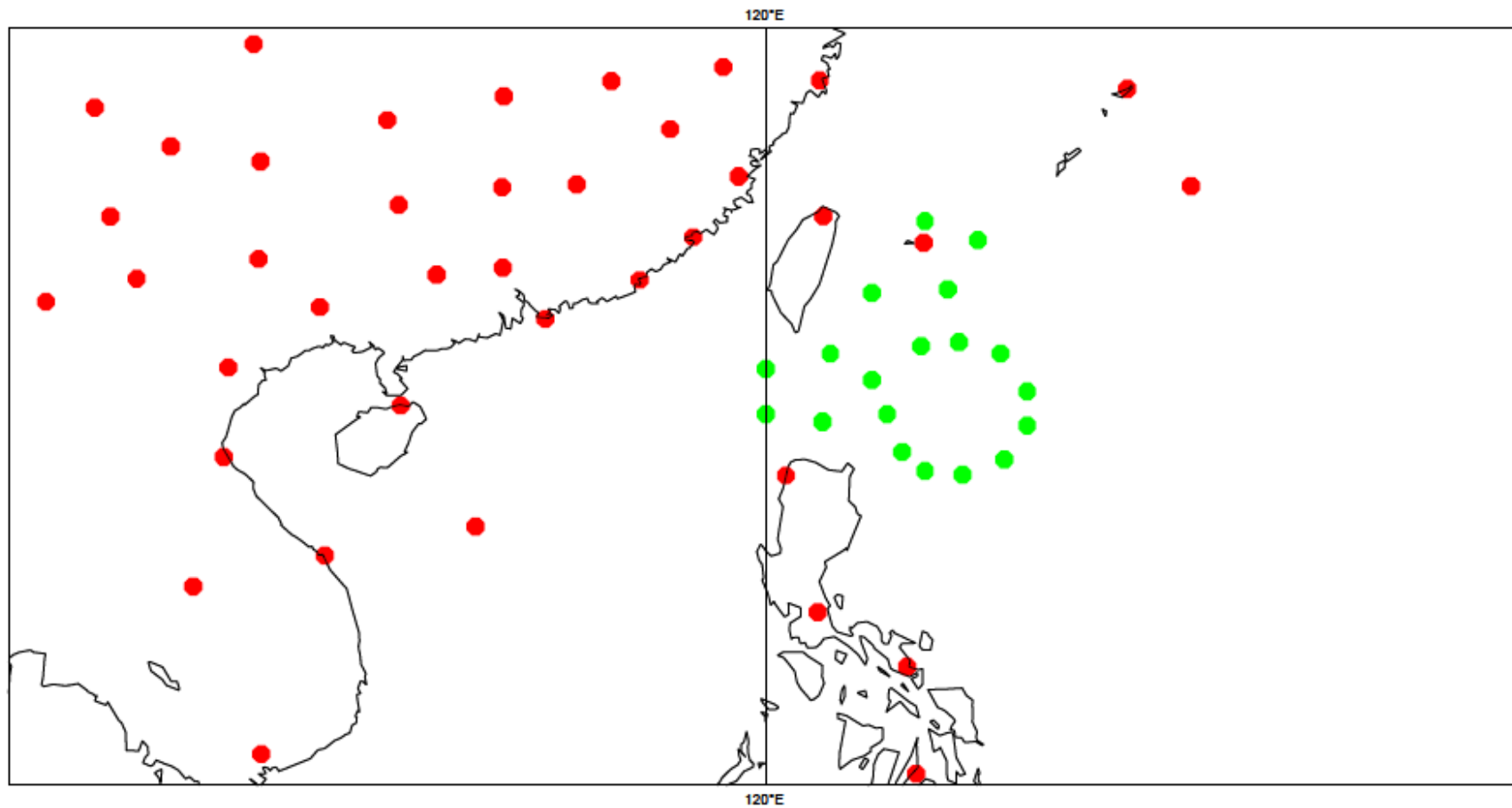


# ECMWF Data Coverage (All obs DA) - Temp

21/Aug/2012; 00 UTC

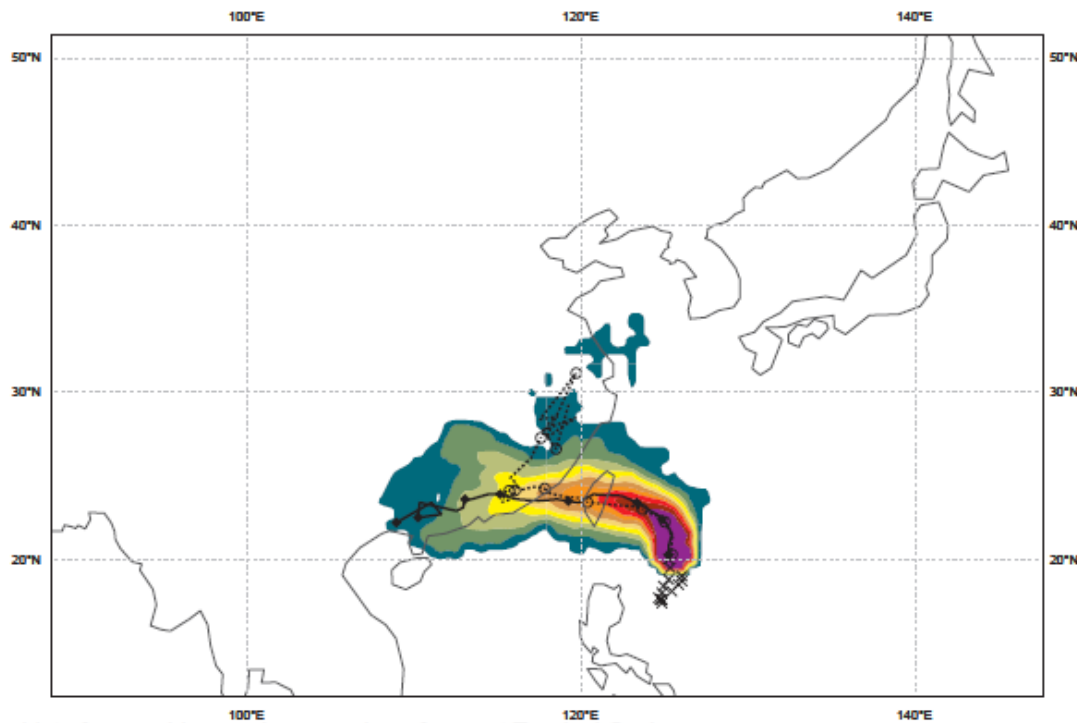
Total number of obs = 59

● 40 LAND ● 0 SHIP ● 19 DROPSONDE ● 0 MOBILE





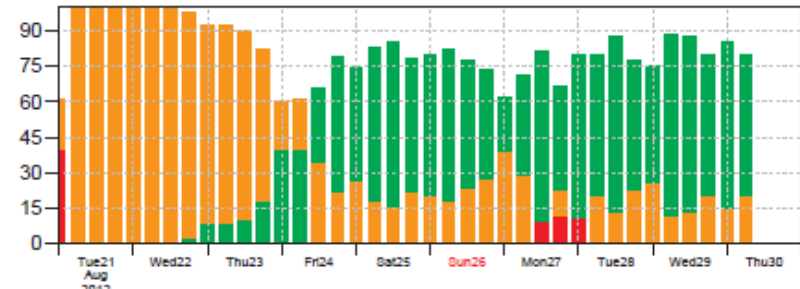
Date 20120821 00 UTC @ECMWF  
 Probability that **TEMBIN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid=OPER**; **dot=Ens Mean** [reported minimum central pressure (hPa) **945** ]



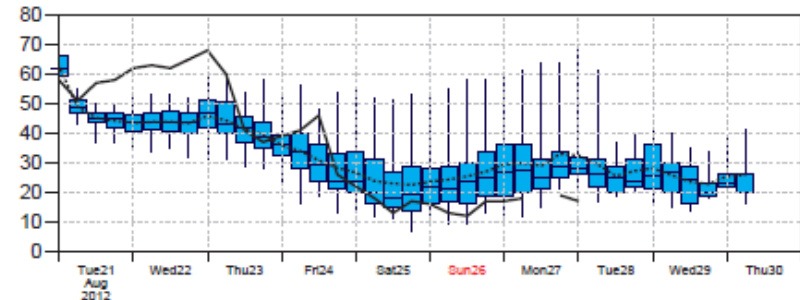
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[ >95 kt]

+024 h : hr ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+048 h : hr ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+072 h : hr ct	01	03	04	05	06	07	08	09	10	11	12	13	14	15	16	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50			
+096 h : hr ct	01	03	04	05	06	07	08	09	11	12	13	14	15	16	17	18	19	21	22	23	25	26	27	28	29	31	33	35	36	37	39	40	41	42	43	44	45	46	47	48	49	50								
+120 h : hr ct	01	03	04	06	09	12	13	16	17	19	23	26	29	30	33	35	36	37	39	40	41	42	43	44	45	46	47	49	50																					
+144 h : hr ct		04	09	13	17	23	28	29	33	35	36	37	39	40	41	42	43	44	45	46	47	48	49	50																										
+168 h : hr ct		04	09	13	17	23	28	29	33	35	36	37	39	40	44	45	46	47	49	50																														
+192 h : ct		04	13	17	28	29	33	35	36	37	39	40	44	45	46	47	49	50																																
+216 h :		04	12	16	17	23	28	29	33	35	36	37	39	40	44	45	46	47	49	50																														
+240 h :		12	16	17	23	28	29	33	35	36	37	39	40	44	45	46	47	49	50																															

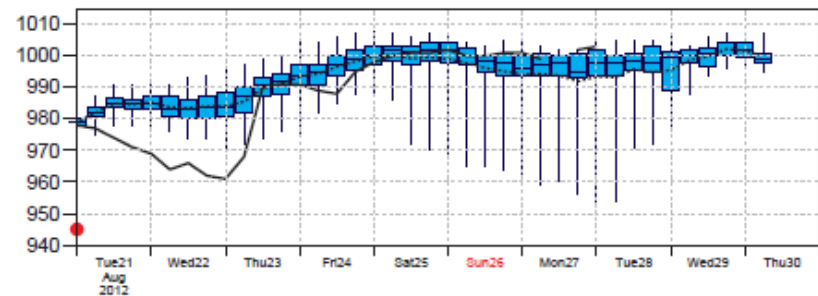
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [ > 95 kt]



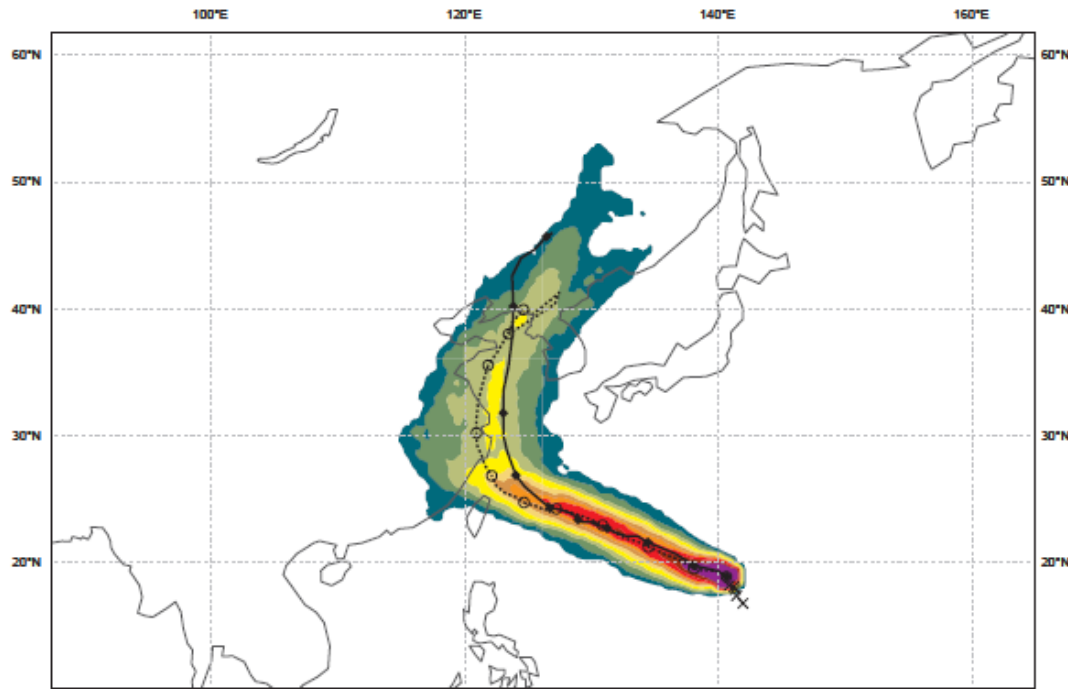
10m Wind Speed (kt) solid=OPER; dot=Ens Mean



Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean



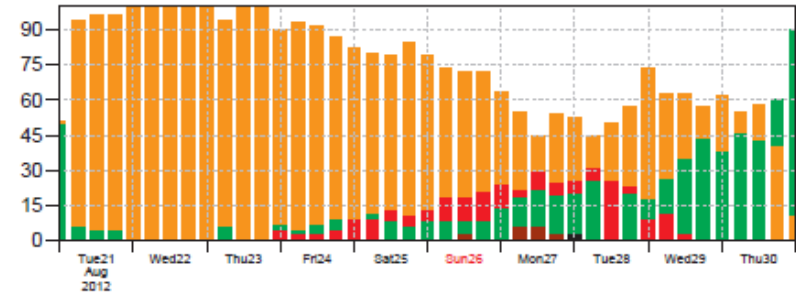
Date 20120821 00 UTC @ECMWF  
 Probability that **BOLAVEN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid**=OPER; **dot**=Ens Mean [reported minimum central pressure (hPa) **985** ]



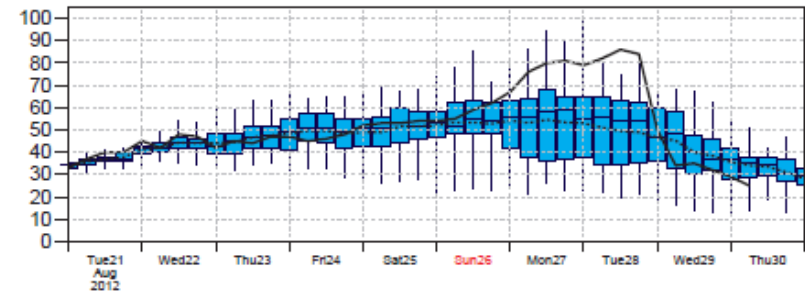
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: **TD**(up to 33] **TS**[34-63] **HR1**[64-82] **HR2**[83-95] **HR3**[ >95 kt]

+024 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+048 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+072 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+096 h :	hr	ct	01	02	03	04	05	07	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	28	29	30	31	32	33	34	35	37	38	39	41	42	43	44	45	46	47	48	49						
+120 h :	hr	ct	01	02	03	04	05	07	09	10	11	12	14	15	16	18	19	20	21	22	23	25	26	30	31	32	33	34	35	37	38	39	41	42	43	45	46	47	48	49												
+144 h :	hr	ct	01	02	03	04	05	07	09	10	11	12	14	15	16	18	19	20	21	22	23	25	26	30	31	32	33	34	35	37	38	39	41	42	43	45	47	48	49													
+168 h :	hr	ct	01	03	04	05	07	09	10	11	12	14	15	16	18	20	21	22	23	25	26	30	31	32	33	34	35	37	38	39	41	42	43	45	47	48	49															
+192 h :	hr	ct	01	03	04	05	07	09	10	11	12	14	15	16	20	21	23	25	26	30	31	32	33	34	35	37	38	39	41	42	43	45	47	48	49																	
+216 h :	hr	ct	01	03	04	07	09	10	12	14	15	16	18	20	21	22	25	26	30	32	33	35	37	38	41	42	43	45	48	49																						
+240 h :			01			10			16			25	26			33	35	38	41																																	

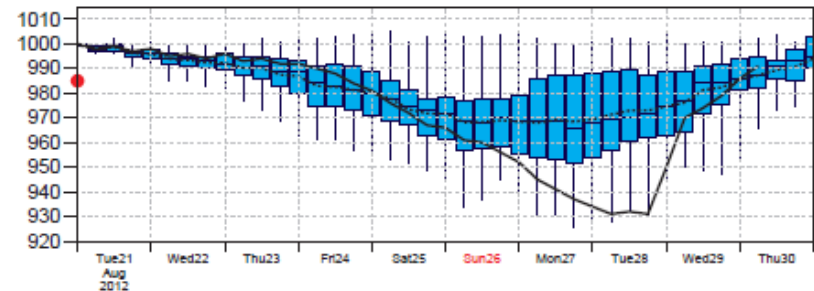
Probability (%) of Tropical Cyclone Intensity falling in each category  
**TD**[up to 33] **TS** [34-63] **HR1**[64-82] **HR2** [83-95] **HR3** [ > 95 kt]



10m Wind Speed (kt) solid=OPER; dot=Ens Mean

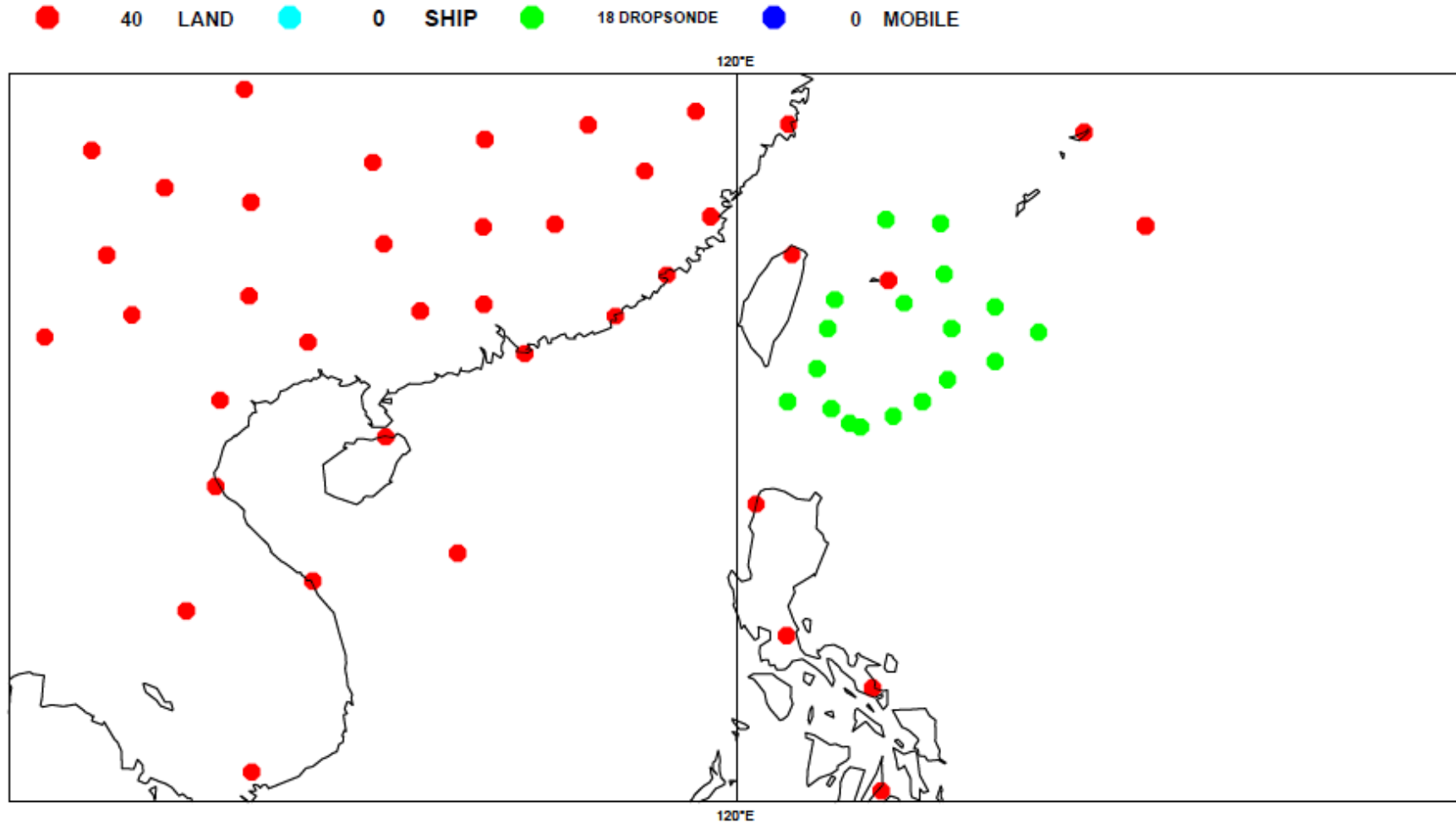


Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean



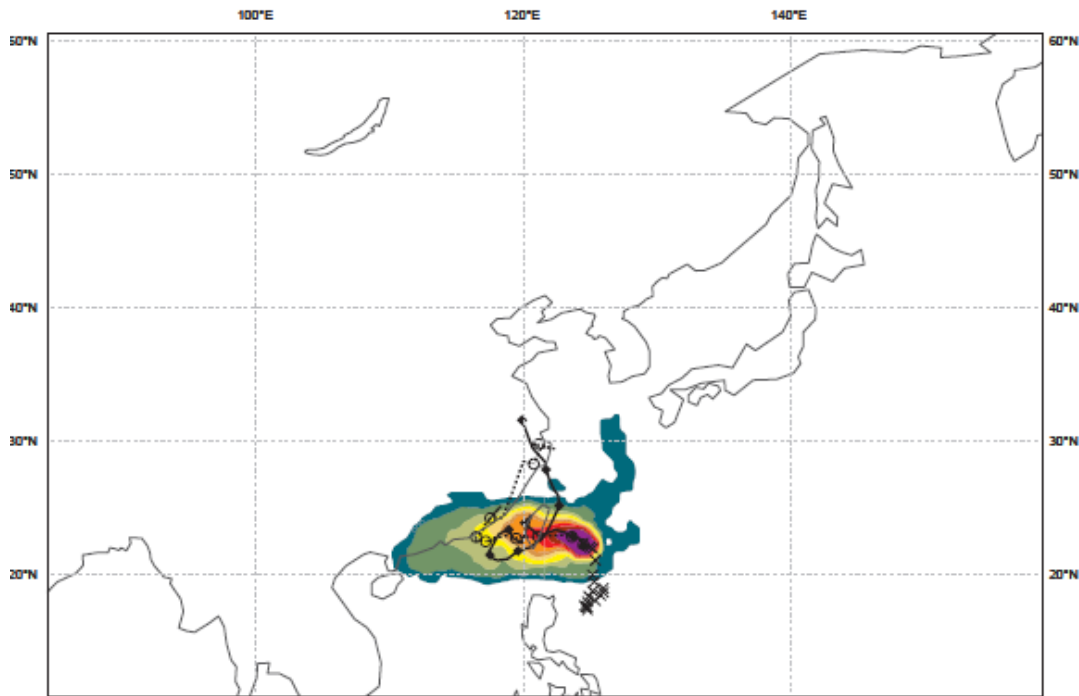
# ECMWF Data Coverage (All obs DA) - Temp

22/Aug/2012; 00 UTC  
Total number of obs = 58





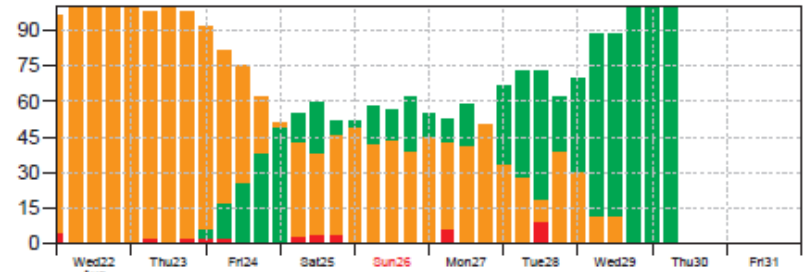
Date 20120822 00 UTC @ECMWF  
 Probability that **TEMBIN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid=OPER**; **dot=Ens Mean** [reported minimum central pressure (hPa) **965** ]



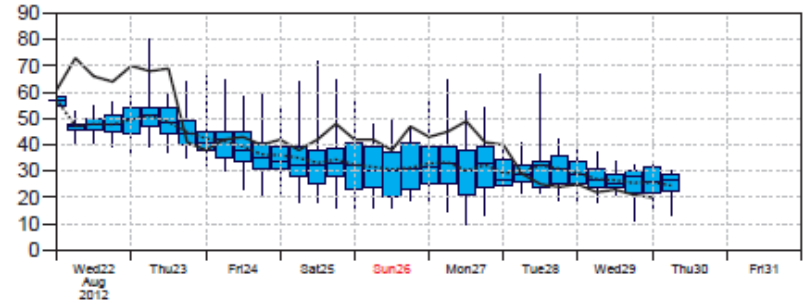
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: **TD**[up to 33] **TS**[34-63] **HR1**[64-82] **HR2**[83-95] **HR3**[ >95 kt]

+024 h : hr ct	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	46 47 48 49 50
+048 h : hr ct	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	46 47 48 49 50
+072 h : hr ct	01 02 03 05 06 07 08 09 10 11 12 13 15 16 17 18 19 21 22 23 25 26 27 28 29 30 31 32 33 34 36 37 38 39 40 41 42 43	46 47 48 50
+096 h : hr ct	03 07 09 11 13 15 16 17 19 21 22 23 25 26 28 31 33 34 36 37 38 40 41 42 43	46 47 50
+120 h : hr ct	07 09 11 13 15 19 22 23 25 26 28 33 34 36 40 41 42 43	46
+144 h : hr ct	07 11 13 19 22 23 26 28 33 34 40 42 43	46
+168 h : hr ct	07 09 19 22 23 26 34 42 46	46
+192 h : hr ct	09 22 23 26 34 42 46	46
+216 h :	26 34 42 46	46
+240 h :	26 42 46	46

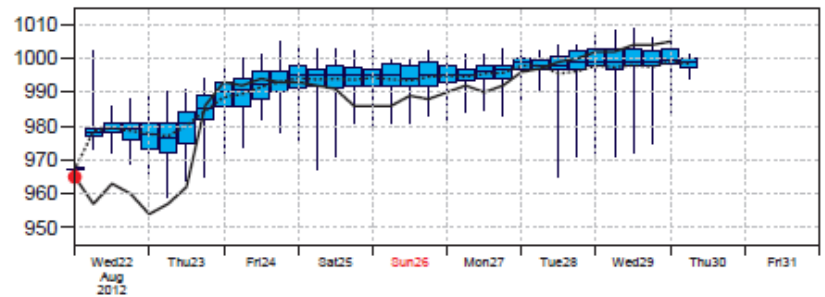
Probability (%) of Tropical Cyclone Intensity falling in each category  
**TD**[up to 33] **TS** [34-63] **HR1**[64-82] **HR2** [83-95] **HR3** [ > 95 kt]



10m Wind Speed (kt) **solid=OPER**; **dot=Ens Mean**

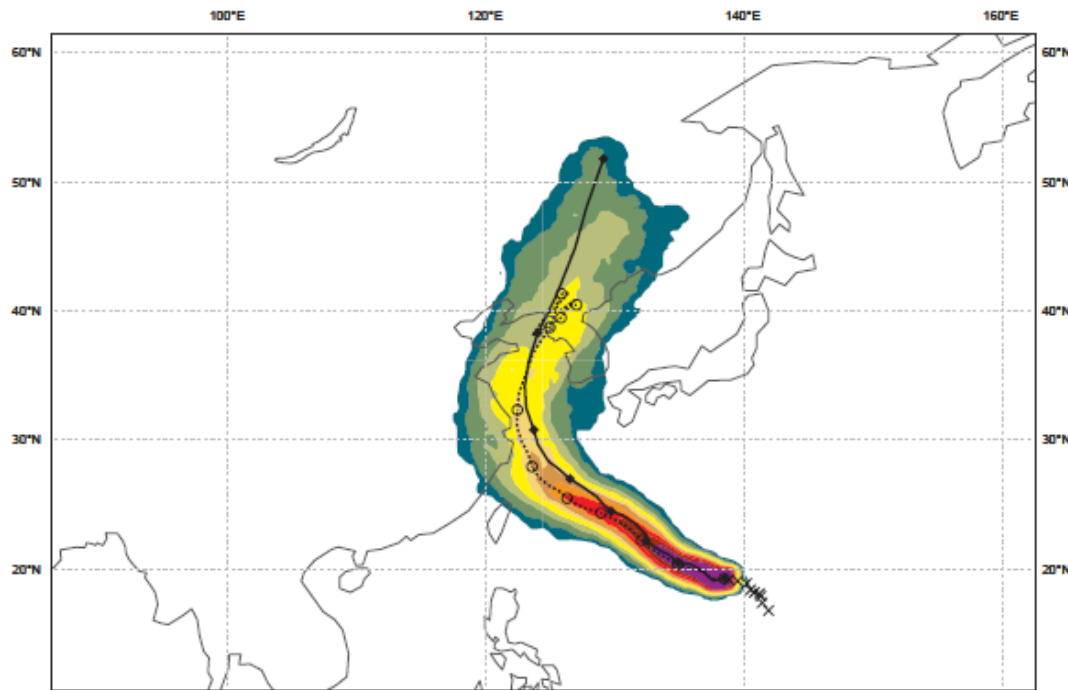


Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) **solid=OPER**; **dot=Ens Mean**



Date 20120822 00 UTC @ECMWF

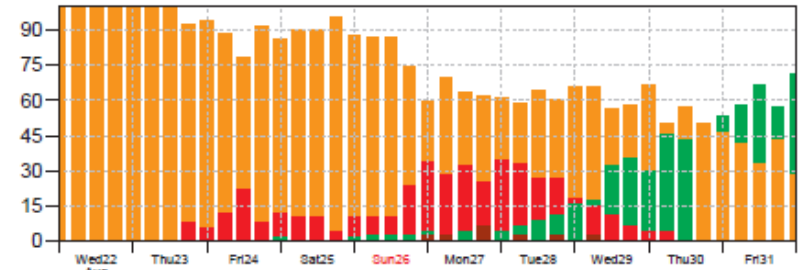
Probability that **BOLAVEN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid**=OPER; **dot**=Ens Mean [reported minimum central pressure (hPa) **965** ]



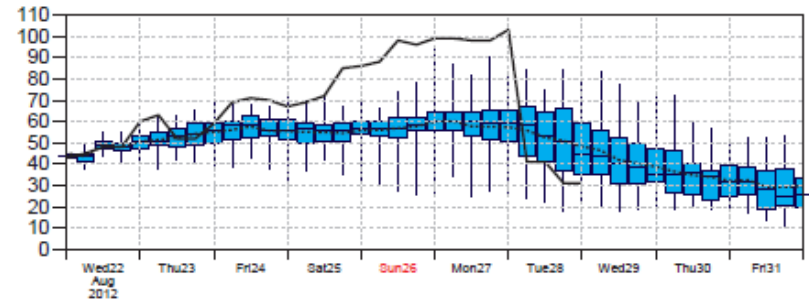
List of ensemble members numbers forecast Tropical Cyclone Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[>95 kt]

+024 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+048 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+072 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+096 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+120 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+144 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+168 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+192 h :			01	03	06	07	08	11	12	13																																										
+216 h :					06	08	12																																													
+240 h :						08																																														

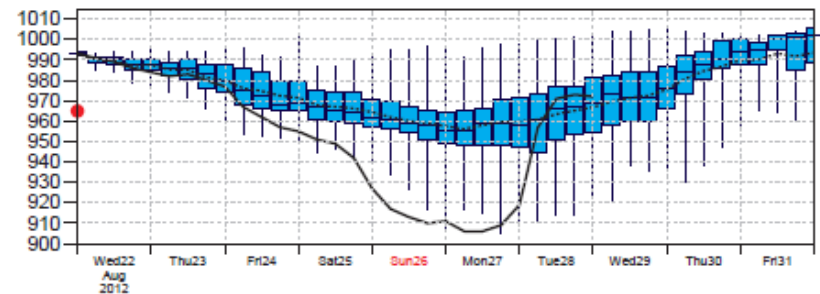
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [> 95 kt]



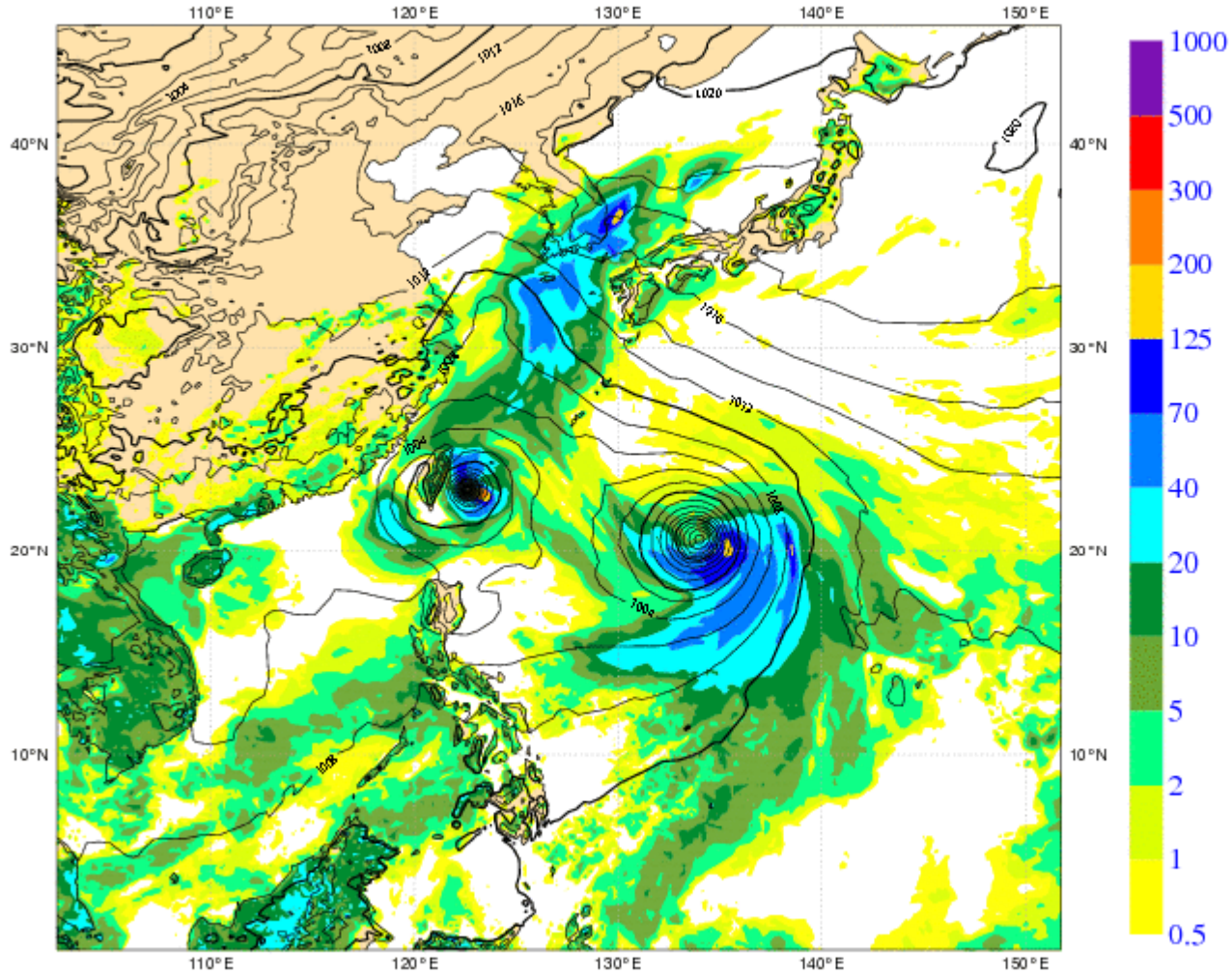
10m Wind Speed (kt) solid=OPER; dot=Ens Mean



Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean

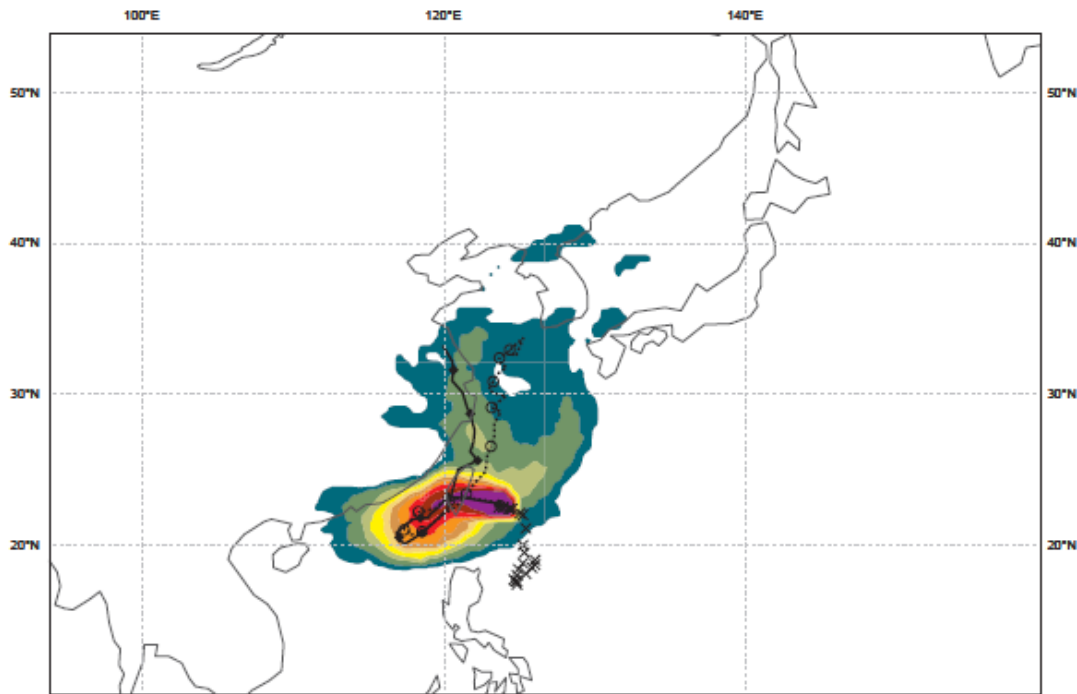


Thursday 23 August 2012 00 UTC ECMWF Forecast t+12 VT: Thursday 23 August 2012 12 UTC Surface: Mean sea level pressure  
Thursday 23 August 2012 00 UTC ECMWF Forecast t+12 VT: Thursday 23 August 2012 12 UTC Surface: \*\*Convective precipitation





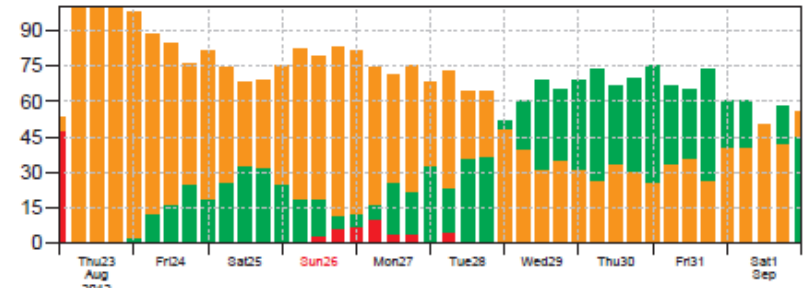
Date 20120823 00 UTC @ECMWF  
 Probability that **TEMBIN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid=OPER**; **dot=Ens Mean** [reported minimum central pressure (hPa) **955** ]



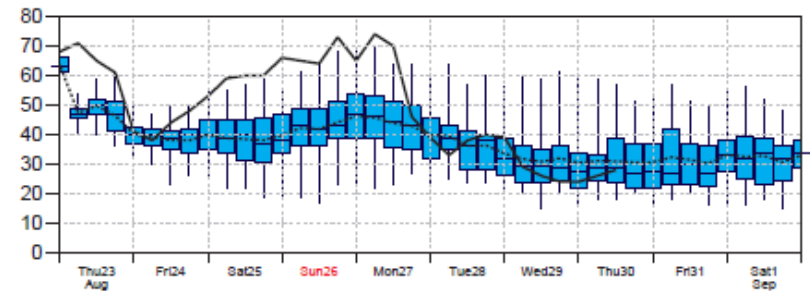
List of ensemble members numbers forecast Tropical Cyclone Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[ >95 kt]

+024 h : hr ct 01	02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
+048 h : hr ct 01	03 04 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
+072 h : hr ct 01	03 04 05 06 07 08 09 10 11 13 14 15 16 17 18 19 21 23 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 50
+096 h : hr ct 01	03 04 05 07 08 09 11 13 14 16 21 23 26 28 29 30 32 33 34 35 38 39 40 41 42 43 45 46 47 48 50
+120 h : hr ct	03 04 05 07 09 11 13 14 16 18 26 28 29 30 32 33 35 38 40 41 42 43 45 46 47 48 50
+144 h : hr ct	03 04 05 07 09 11 13 14 16 18 26 28 29 32 33 35 38 40 41 42 43 45 46 47 48 50
+168 h : hr ct	04 05 07 09 11 13 14 16 18 23 26 28 29 32 33 35 38 40 41 42 43 45 46 47 50
+192 h : ct	05 07 09 11 14 16 26 28 29 32 33 35 38 40 41 43 46 47 50
+216 h :	05 07 09 11 14 16 26 32 35 38 40 41 43 46 47
+240 h :	07 11 14 16 32 35 38 41 43 46 47

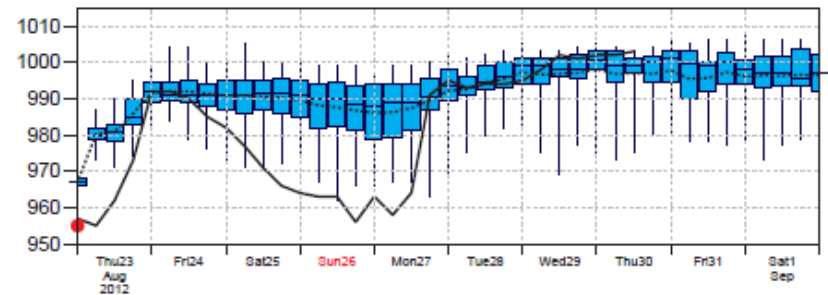
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [ > 95 kt]



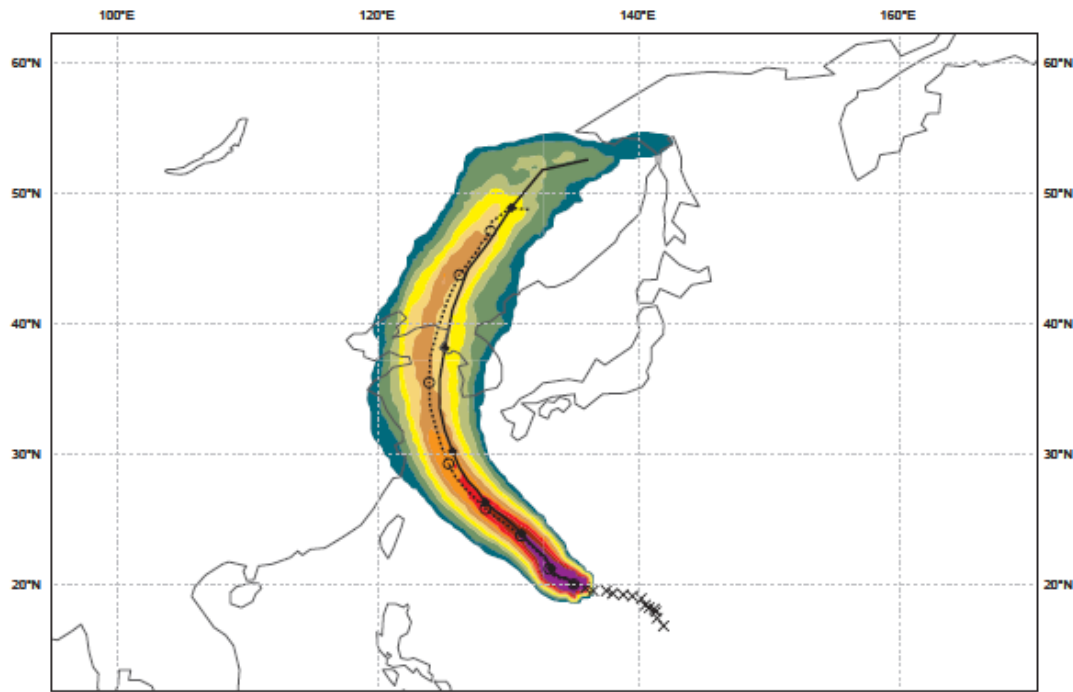
10m Wind Speed (kt) solid=OPER; dot=Ens Mean



Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean



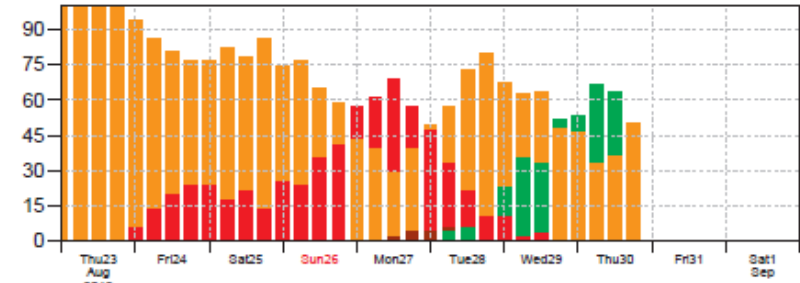
Date 20120823 00 UTC @ECMWF  
 Probability that **BOLAVEN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid=OPER**; **dot=Ens Mean** [reported minimum central pressure (hPa) **955** ]



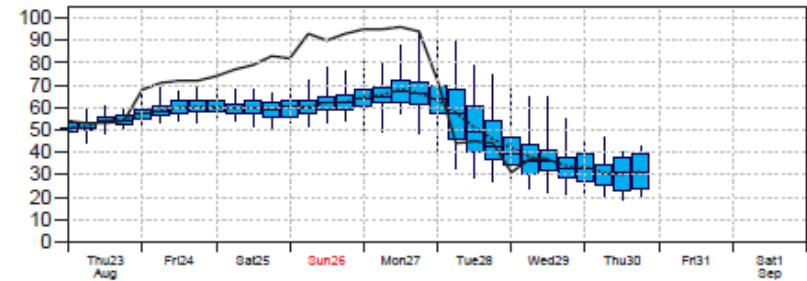
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[ >95 kt]

+024 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +048 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +072 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +096 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +120 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +144 h : hr ct 01 02 03 04 05 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 47 48 49 50  
 +168 h : 03 05 09 12 13 14 18 19 27 30 33 36 39 41  
 +192 h :  
 +216 h :  
 +240 h :

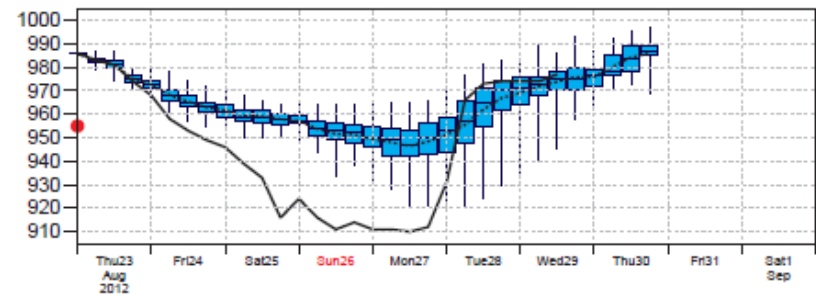
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [> 95 kt]



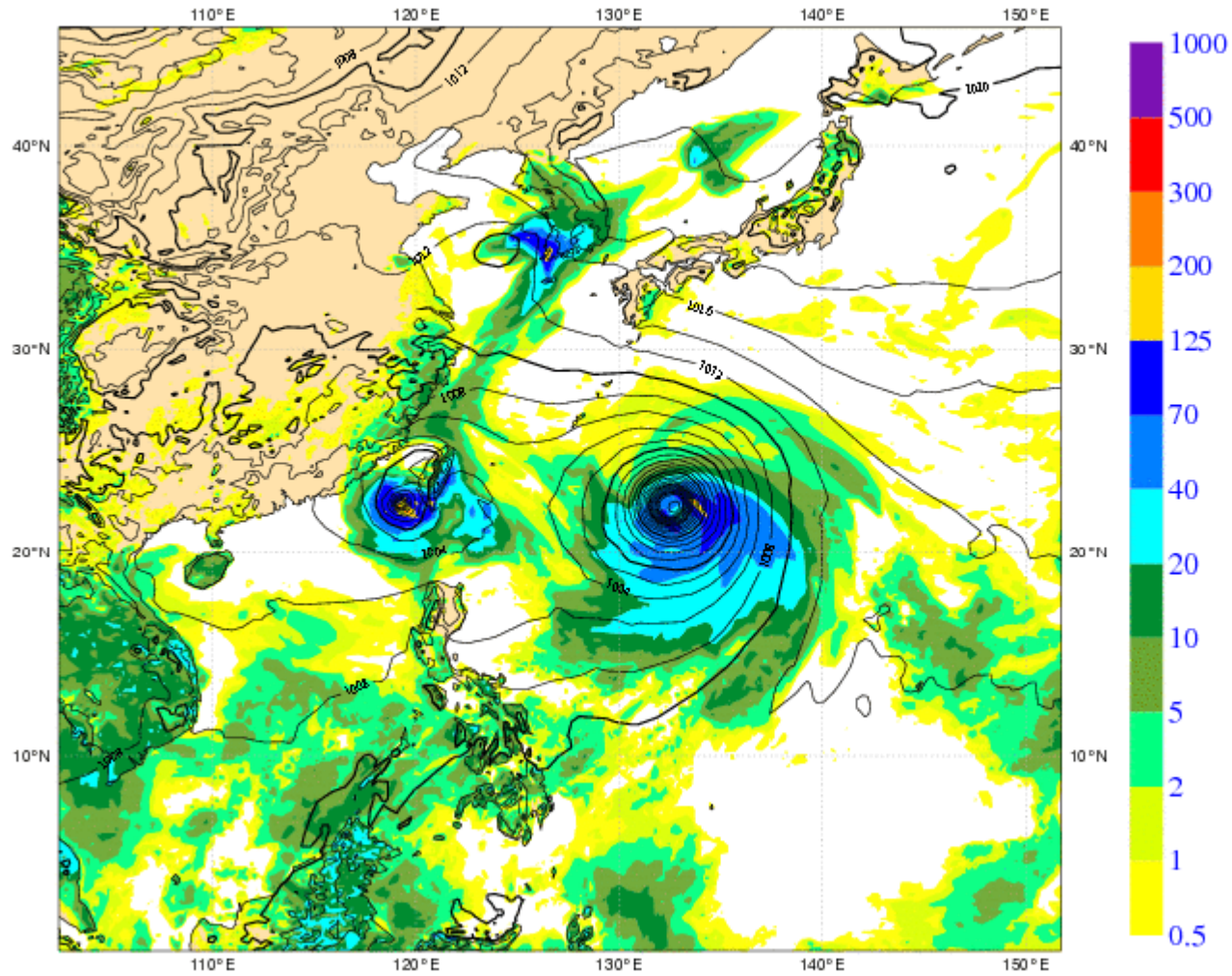
10m Wind Speed (kt) solid=OPER; dot=Ens Mean



Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean

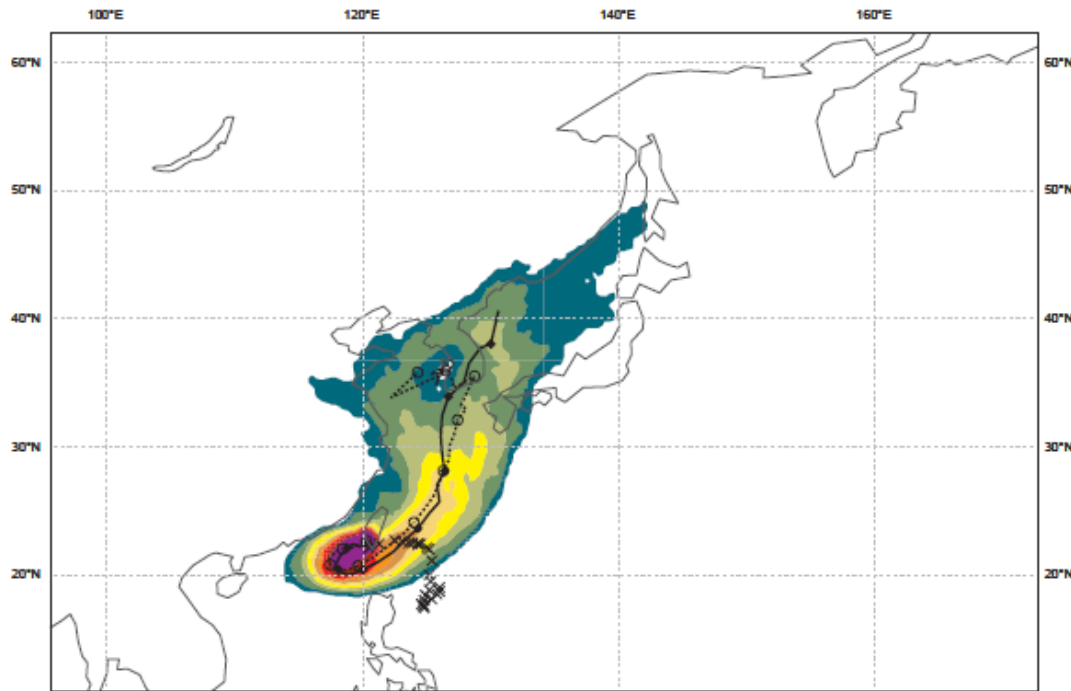


Friday 24 August 2012 00UTC ECMWF Forecast 1-12 VT: Friday 24 August 2012 12UTC Surface: Mean sea level pressure  
Friday 24 August 2012 00UTC ECMWF Forecast 1-12 VT: Friday 24 August 2012 12UTC Surface: \*\*Convective precipitation





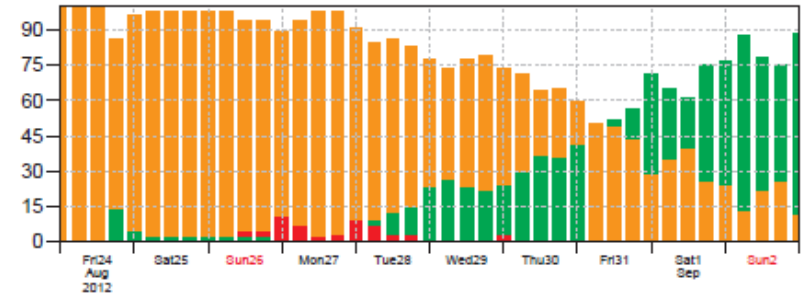
Date 20120824 00 UTC @ECMWF  
 Probability that **TEMBIN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid=OPER**; **dot=Ens Mean** [reported minimum central pressure (hPa) **975** ]



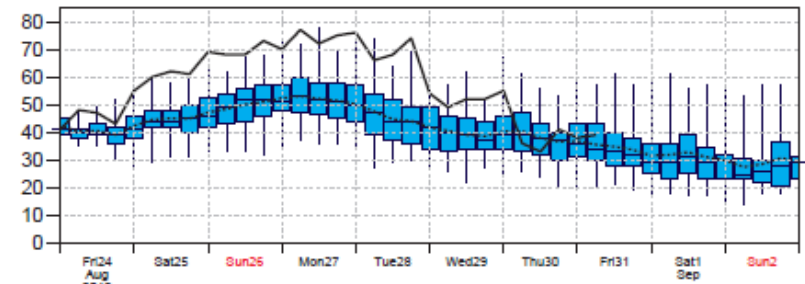
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[ >95 kt]

+024 h : hr ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+048 h : hr ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+072 h : hr ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+096 h : hr ct	01	02	03	04	05	06	07	08	09	10	11	12	14	15	16	17	18	19	20	21	23	24	25	27	28	29	30	32	33	34	35	36	37	38	39	40	41	43	44	45	47	48	49	50						
+120 h : hr ct	02	03	04	06	07	08	09	10	12	14	15	16	17	18	19	20	21	23	24	25	28	29	30	32	33	34	35	36	37	38	39	40	41	44	45	47	48	49	50											
+144 h : hr ct	02	03	04	06	07	08	09	10	14	16	17	18	19	20	21	23	24	25	28	29	30	32	33	34	35	36	37	38	39	40	41	44	45	47	48	49	50													
+168 h : hr ct	02	03	04	06	07	08	09	10	14	15	16	17	18	19	20	21	23	24	25	28	29	30	32	33	34	36	37	38	39	40	41	44	45	47	48	49	50													
+192 h : ct	02	03	04	06	07	09	10	14	16	17	19	20	21	23	28	29	30	32	33	36	37	40	41	44	45	48	49																							
+216 h :	02	03	04	06	07	10	14	17	19	20	23	28	29	30	32	33	36	37	40	41	44	45	48	49																										
+240 h :	02	03	07	10	14	17	20	29	30	32	33	36	37	40	41	44	45	48	49																															

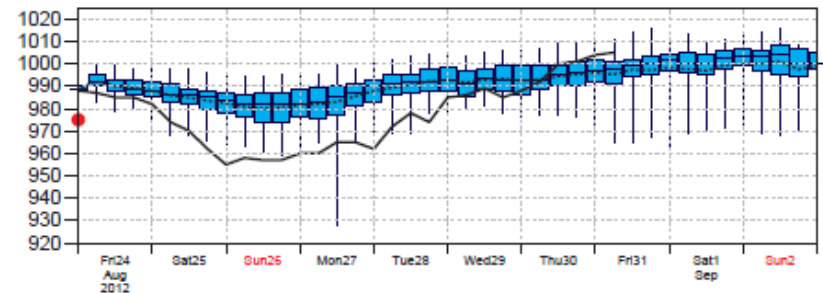
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [ > 95 kt]



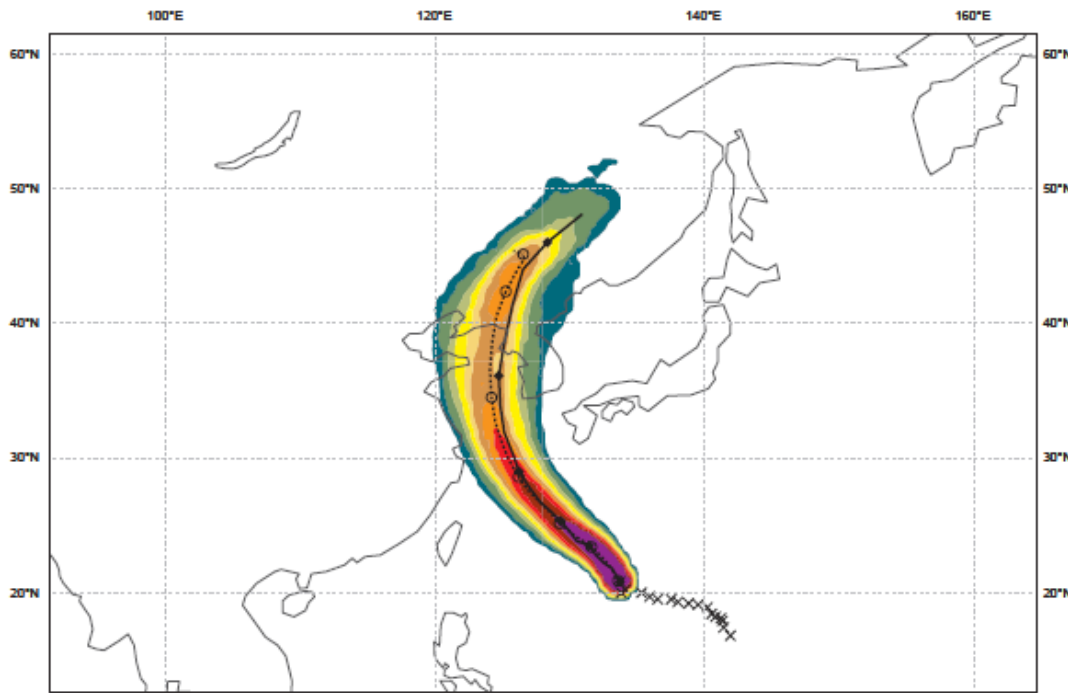
10m Wind Speed (kt) solid=OPER; dot=Ens Mean



Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean



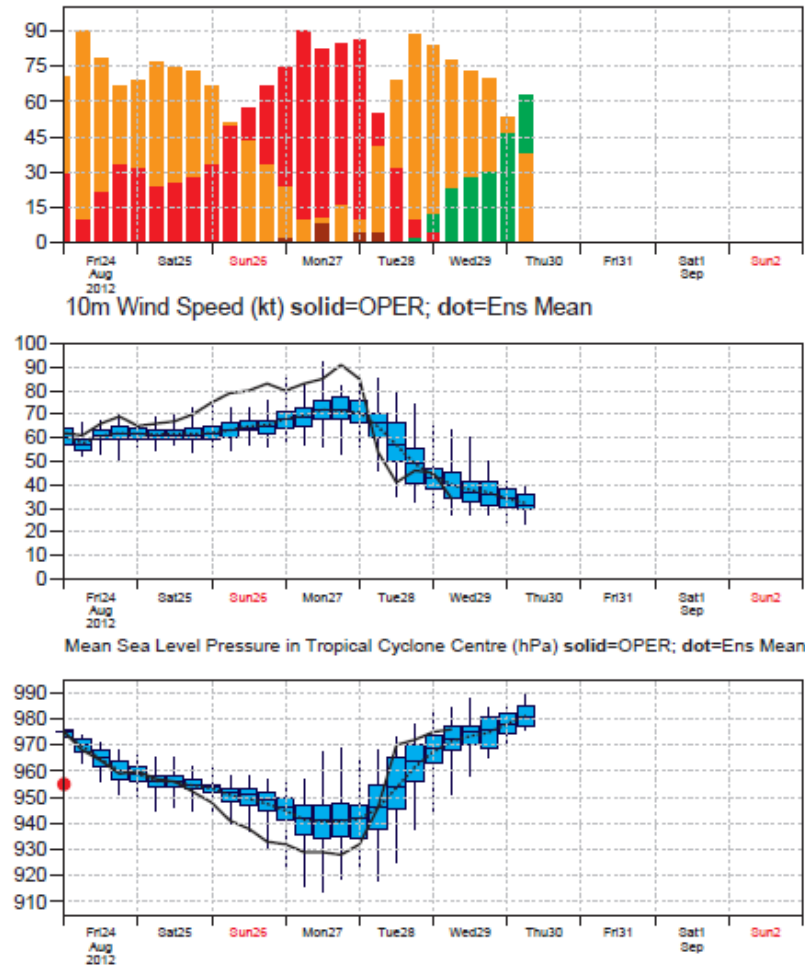
Date 20120824 00 UTC @ECMWF  
 Probability that **BOLAVEN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid**=OPER; **dot**=Ens Mean [reported minimum central pressure (hPa) **955** ]



List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: **TD**[up to 33] **TS**[34-63] **HR1**[64-82] **HR2**[83-95] **HR3**[>95 kt]

+024 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +048 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +072 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +096 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +120 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +144 h : 01 03 06 07 09 14 18 25 26 27 29 30 34 41 49  
 +168 h : 09 27  
 +192 h :  
 +216 h :  
 +240 h :

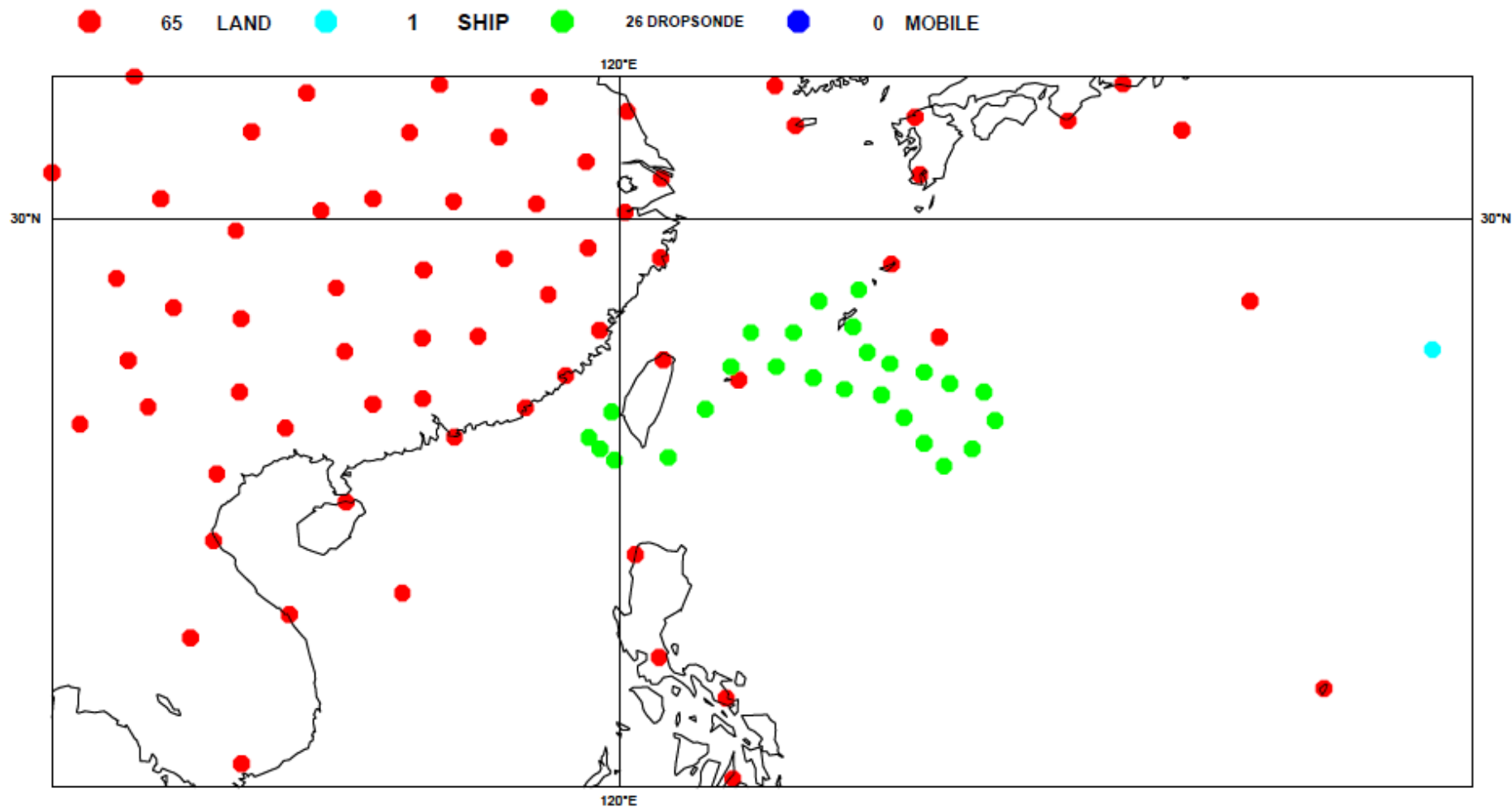
Probability (%) of Tropical Cyclone Intensity falling in each category  
**TD**[up to 33] **TS** [34-63] **HR1**[64-82] **HR2** [83-95] **HR3** [> 95 kt]



# ECMWF Data Coverage (All obs DA) - Temp

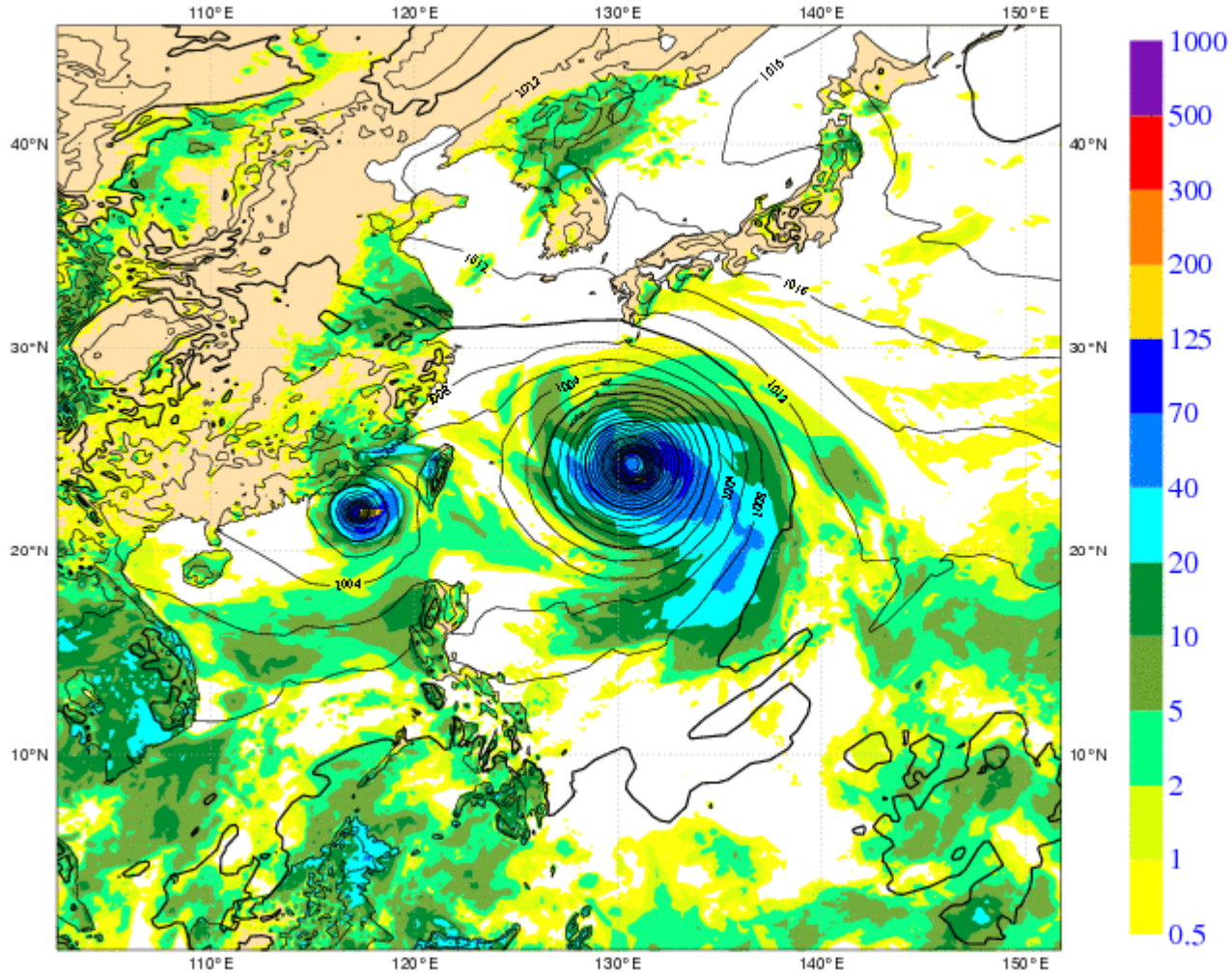
## 25/Aug/2012; 00 UTC

### Total number of obs = 92

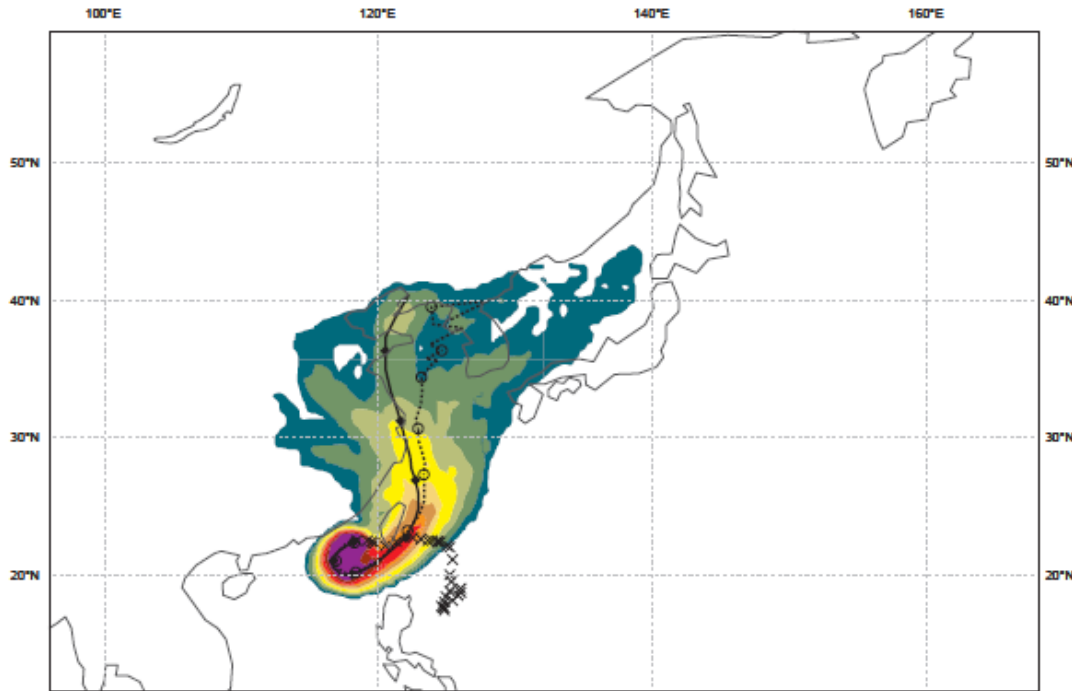




Saturday 25 August 2012 00UTC ECMWF Forecast 1-12 VT: Saturday 25 August 2012 12UTC Surface: Mean sea level pressure  
Saturday 25 August 2012 00UTC ECMWF Forecast 1-12 VT: Saturday 25 August 2012 12UTC Surface: \*\*Convective precipitation



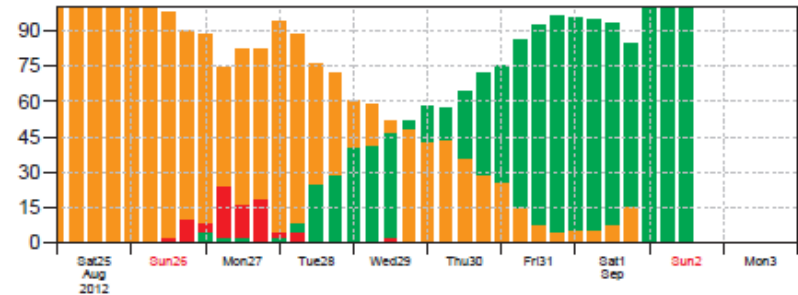
Date 20120825 00 UTC @ECMWF  
 Probability that **TEMBIN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid=OPER**; **dot=Ens Mean** [reported minimum central pressure (hPa) **980** ]



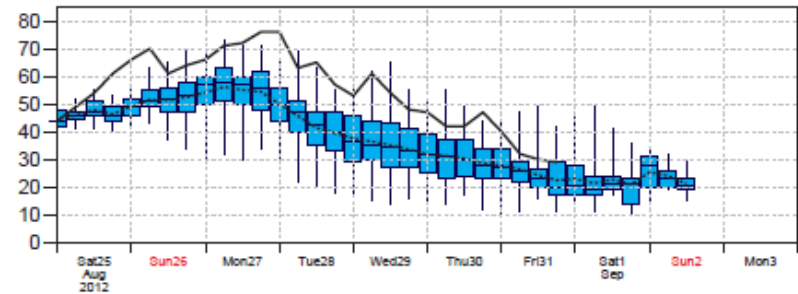
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: TD(up to 33) TS[34-63] HR1[64-82] HR2[83-95] HR3[ >95 kt]

+024 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+048 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+072 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+096 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	50	
+120 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+144 h :	hr	ct	01	04	05	08	09	10	11	12	13	14	15	16	19	20	21	22	25	26	27	28	29	30	31	32	33	35	36	38	39	40	41	42	43	44	45	46	47	48	50											
+168 h :	ct	01	04	05	08	09	12	14	15	16	18				19			25	26	29	32	33	35																													
+192 h :											18				18			25	26	29	32	33	35																													
+216 h :																21																																				
+240 h :																																																				

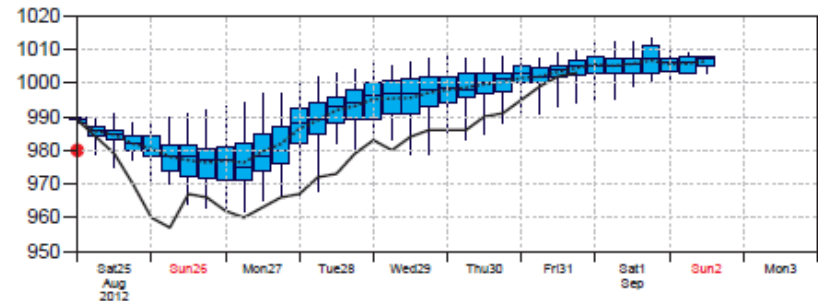
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [ > 95 kt]



10m Wind Speed (kt) solid=OPER; dot=Ens Mean

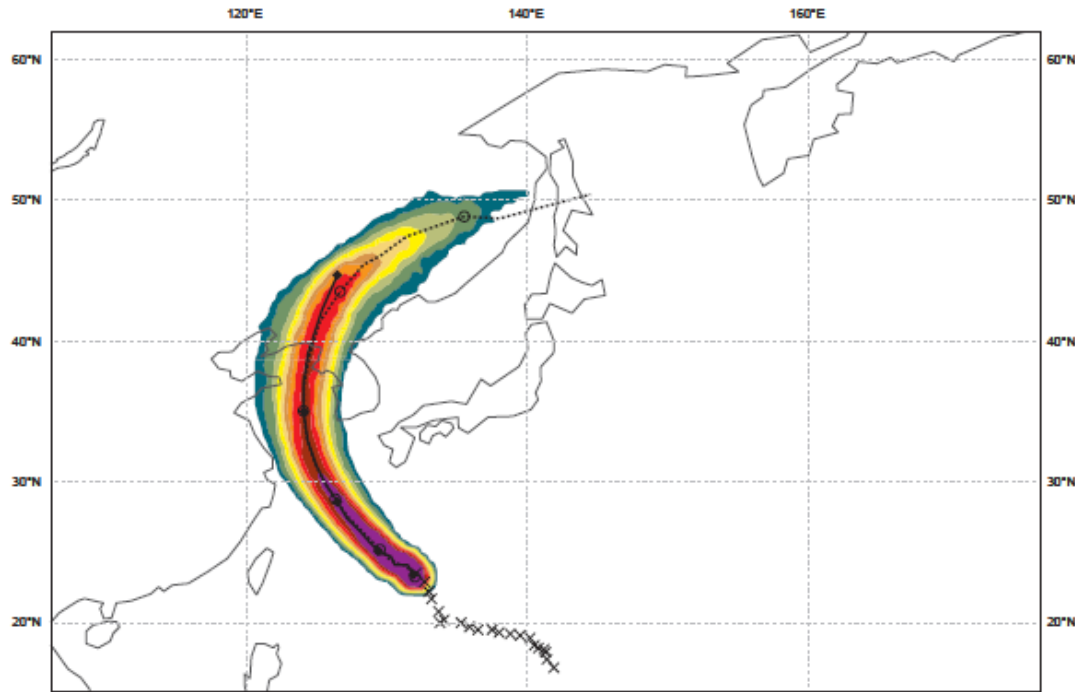


Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean



Date 20120825 00 UTC @ECMWF

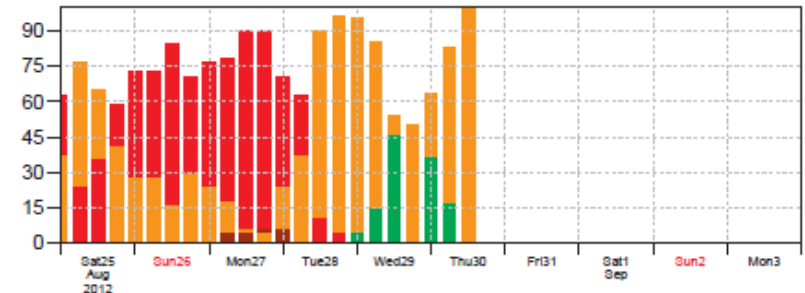
Probability that **BOLAVEN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid**=OPER; **dot**=Ens Mean [reported minimum central pressure (hPa) **940** ]



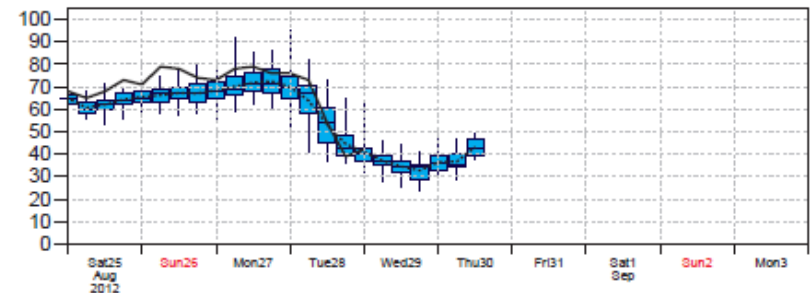
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[ >95 kt]

+024 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+048 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+072 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+096 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	26	28	29	30	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	49	50				
+120 h :				03		07	09									15		17									24							30	31											45		49	50			
+144 h :																																																				
+168 h :																																																				
+192 h :																																																				
+216 h :																																																				
+240 h :																																																				

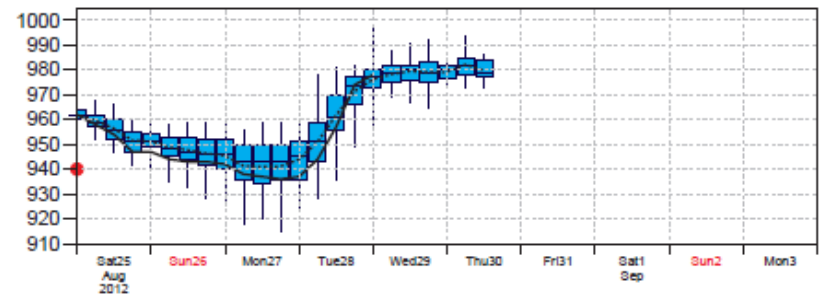
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [ > 95 kt]



10m Wind Speed (kt) solid=OPER; dot=Ens Mean

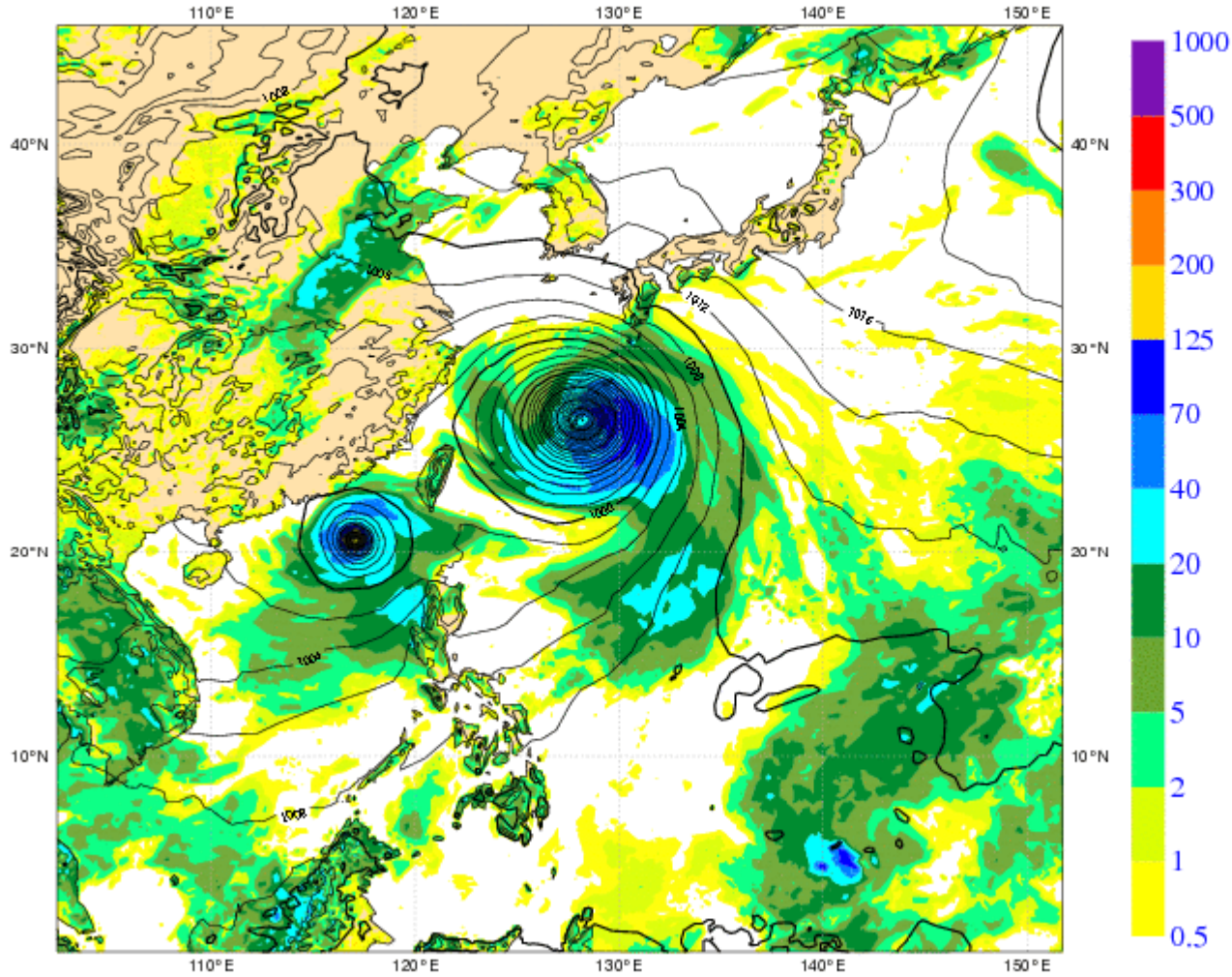


Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean

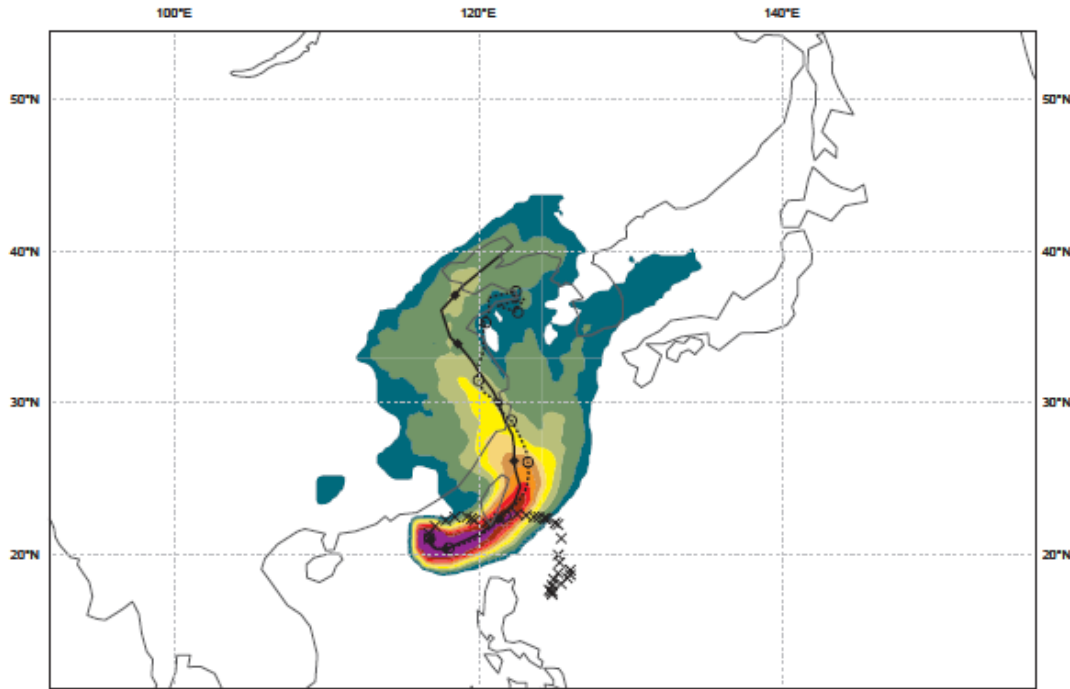




Sunday 26 August 2012 00UTC ECMWF Forecast t+12 VT: Sunday 26 August 2012 12UTC Surface: Mean sea level pressure  
Sunday 26 August 2012 00UTC ECMWF Forecast t+12 VT: Sunday 26 August 2012 12UTC Surface: \*\*Convective precipitation



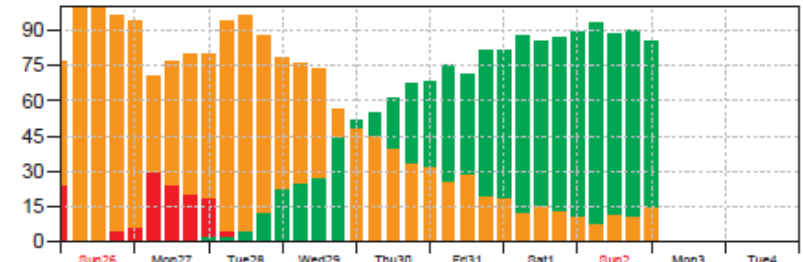
Date 20120826 00 UTC @ECMWF  
 Probability that **TEMBIN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid=OPER**; **dot=Ens Mean** [reported minimum central pressure (hPa) **965** ]



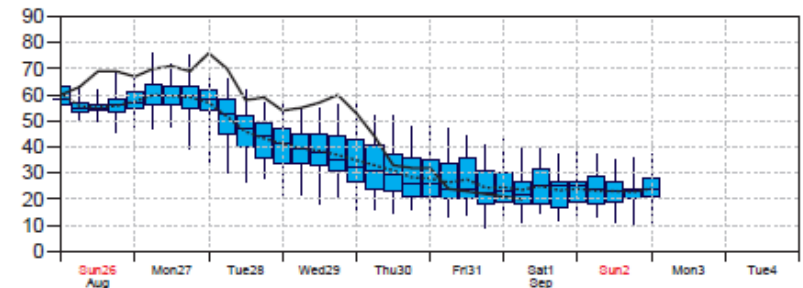
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: **TD**[up to 33] **TS**[34-63] **HR1**[64-82] **HR2**[83-95] **HR3**[ >95 kt]

+024 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
+048 h :	hr	ct	01	02	03	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
+072 h :	hr	ct	01	02	03	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
+096 h :	hr	ct	01	02	03	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	28	29	30	31	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50			
+120 h :	hr	ct	01	02	03	05	07	08	10	11	12	13	14	16	17	18	19	20	21	22	23	24	25	26	28	31	33	34	35	36	37	38	39	40	41	42	43	44	45	47	48	49	50									
+144 h :	hr	ct	03	05	08	10	12	13	14	16	17	20	21	23	24	25	28	31	33	34	35	37	38	39	40	41	42	43	45	49																						
+168 h :	ct	02	03	05	12	14	17	20	24	28	33	34	37	38	39	42	43	45	49																																	
+192 h :			05	12	13	20	24	28	33	34	37	38	39	42	43	45	49																																			
+216 h :				13	20	24	28	33	34	37	38	39	42	43	45	49																																				
+240 h :				05	13	20	24	28	33	34	37	38	39	42	43	45	49																																			

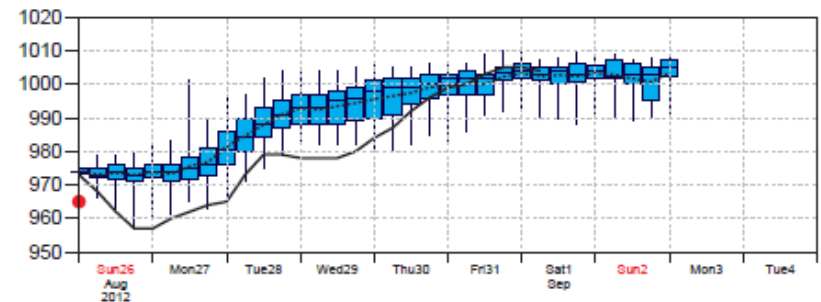
Probability (%) of Tropical Cyclone Intensity falling in each category  
**TD**[up to 33] **TS** [34-63] **HR1**[64-82] **HR2** [83-95] **HR3** [ > 95 kt]



10m Wind Speed (kt) **solid=OPER**; **dot=Ens Mean**

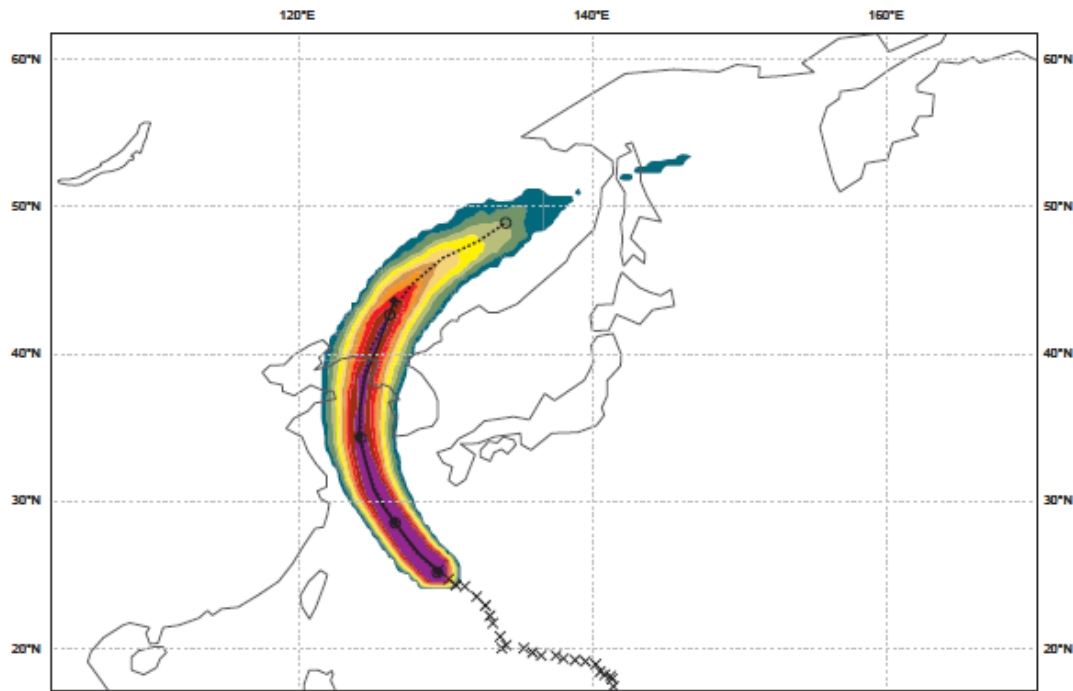


Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) **solid=OPER**; **dot=Ens Mean**



Date 20120826 00 UTC @ECMWF

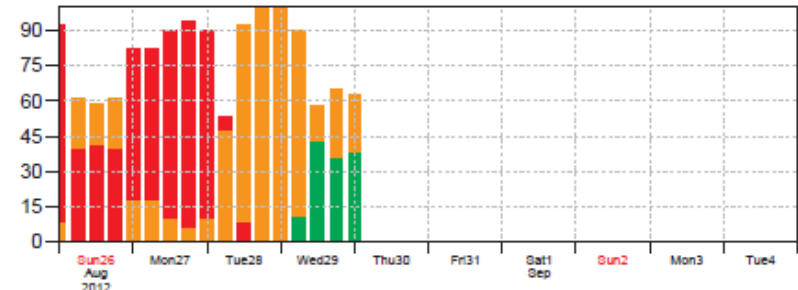
Probability that **BOLAVEN** will pass within 120 km radius during the next **240** hours  
 tracks: **solid**=OPER; **dot**=Ens Mean [reported minimum central pressure (hPa) **910** ]



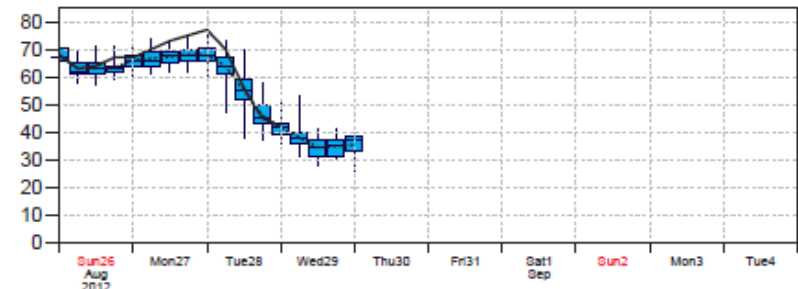
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: TD[up to 33] TS[34-63] HR1[64-82] HR2[83-95] HR3[ >95 kt]

+024 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +048 h : hr ct 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 +072 h : hr ct 02 03 04 05 06 07 08 09 10 11 12 14 15 16 17 18 19 20 21 22 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 40 41 42 43 44 45 46 47 49 50  
 +096 h : ct 02 04 22 34 43 45 50  
 +120 h :  
 +144 h :  
 +168 h :  
 +192 h :  
 +216 h :  
 +240 h :

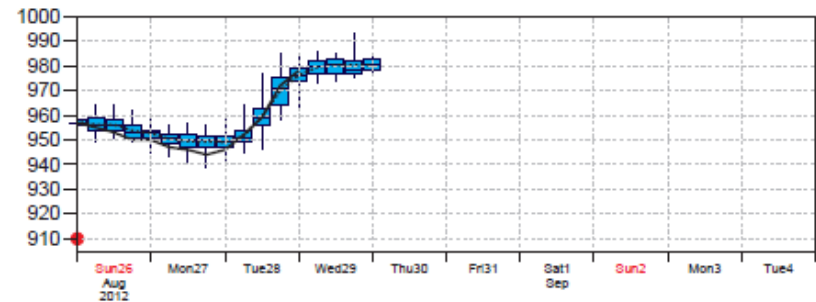
Probability (%) of Tropical Cyclone Intensity falling in each category  
 TD[up to 33] TS [34-63] HR1[64-82] HR2 [83-95] HR3 [> 95 kt]



10m Wind Speed (kt) solid=OPER; dot=Ens Mean



Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean

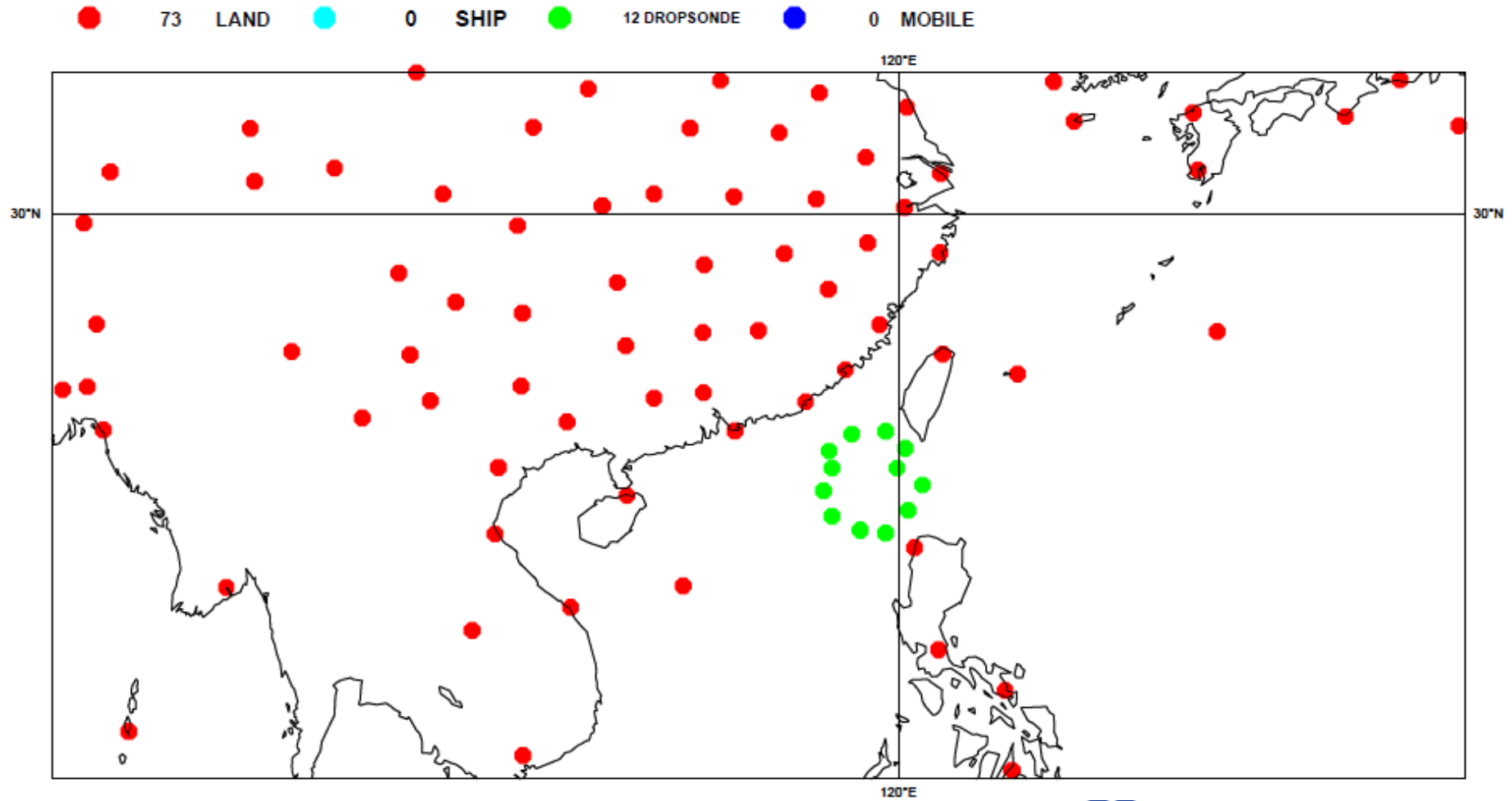




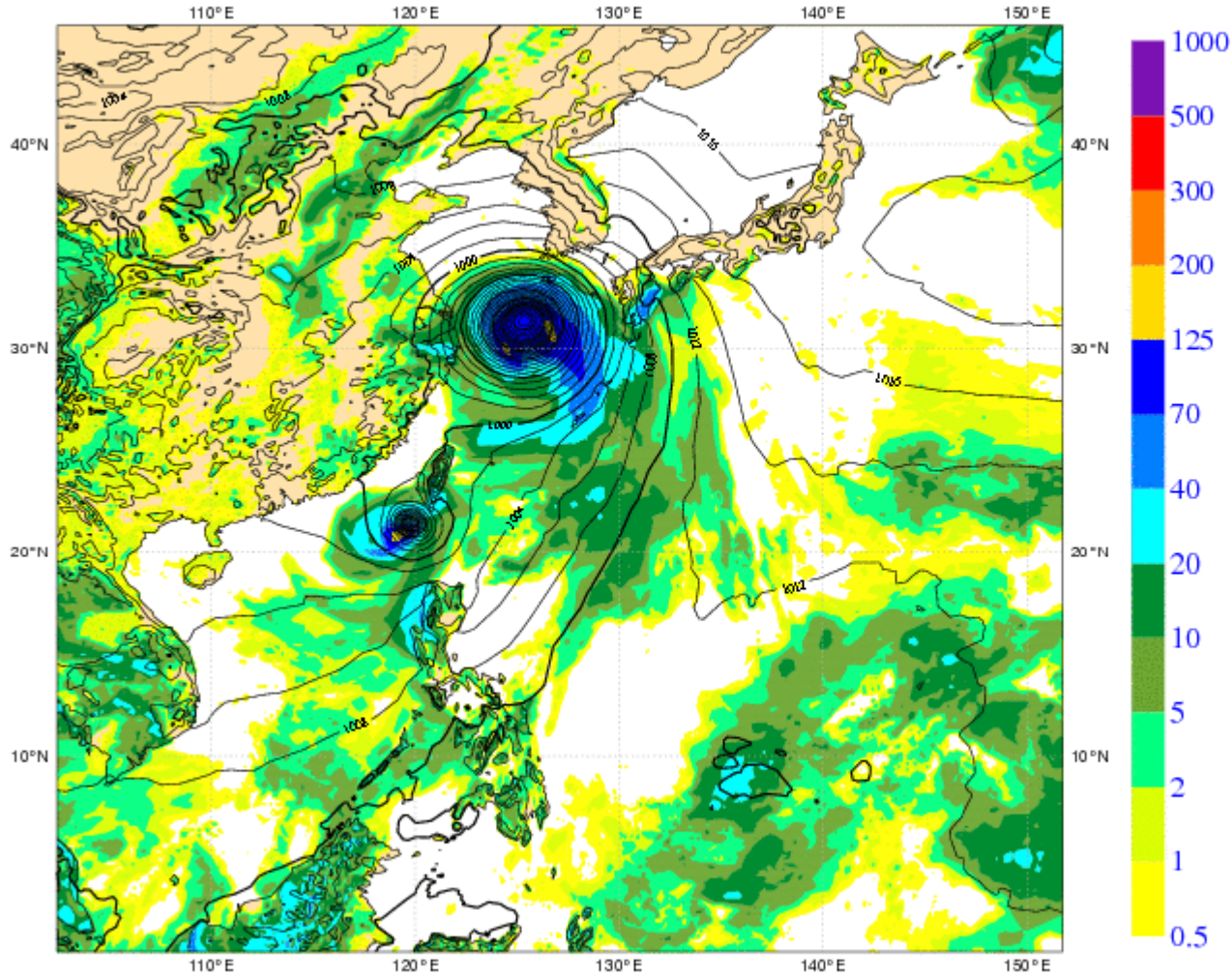
# ECMWF Data Coverage (All obs DA) - Temp

## 27/Aug/2012; 00 UTC

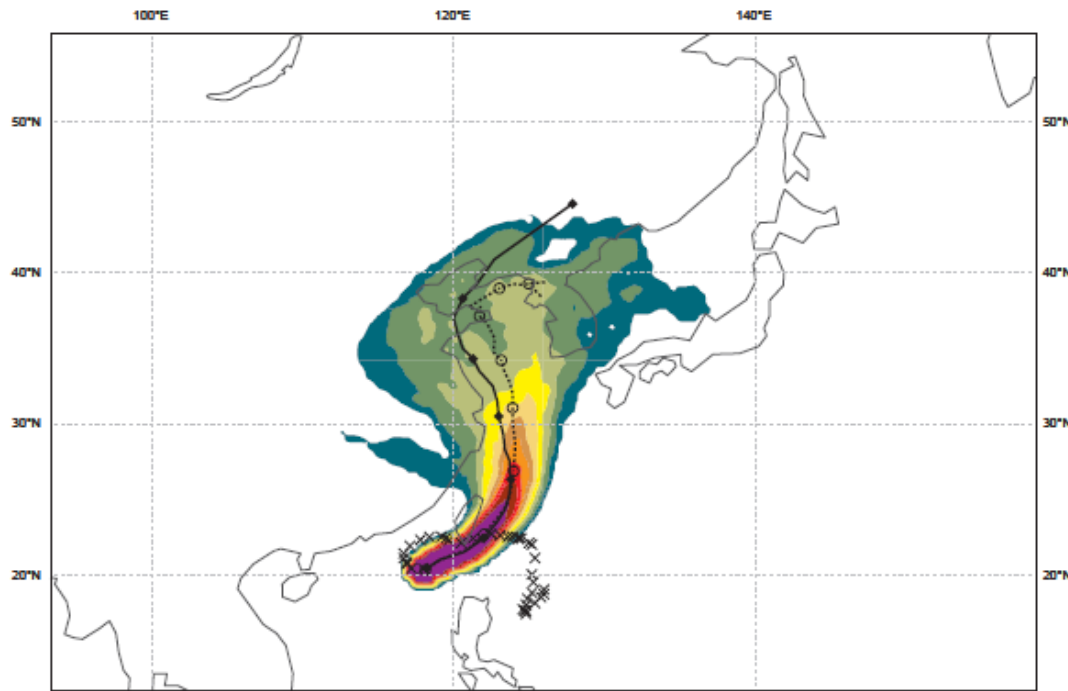
Total number of obs = 85



Monday 27 August 2012 00UTC ECMWF Forecast 4-12 VT: Monday 27 August 2012 12UTC Surface: Mean sea level pressure  
Monday 27 August 2012 00UTC ECMWF Forecast 4-12 VT: Monday 27 August 2012 12UTC Surface: \*\*Convective precipitation



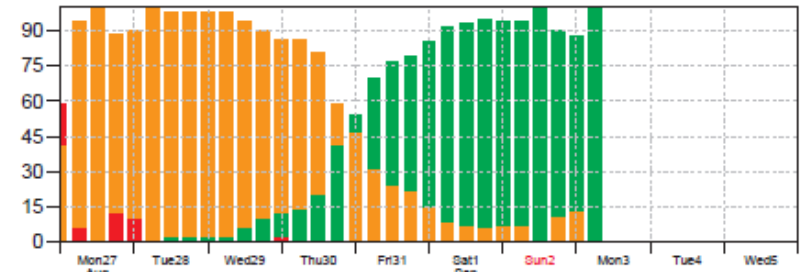
Date 20120827 00 UTC @ECMWF  
 Probability that **TEMBIN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid**=OPER; **dot**=Ens Mean [reported minimum central pressure (hPa) **960** ]



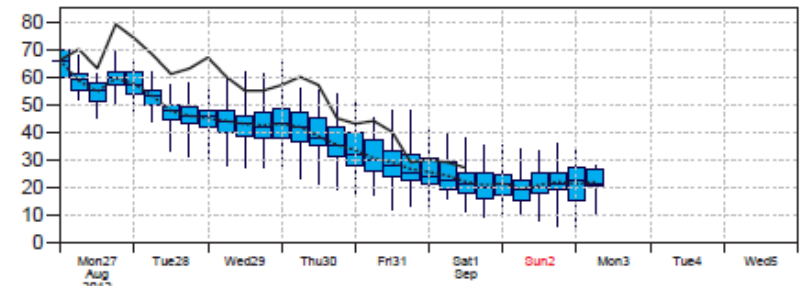
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: **TD**[up to 33] **TS**[34-63] **HR1**[64-82] **HR2**[83-95] **HR3**[>95 kt]

+024 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
+048 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
+072 h :	hr	ct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
+096 h :	hr	ct	01	02	03	04	05	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
+120 h :	hr	ct	02	03	04	05	07	08	09	10	11	13	14	15									21	22	24																												
+144 h :	hr	ct	02	04			07	08			11	14												20																													
+168 h :	hr	ct									11												20																														
+192 h :	hr	ct																					20																														
+216 h :	hr	ct																					20																														
+240 h :	hr	ct																					20																														

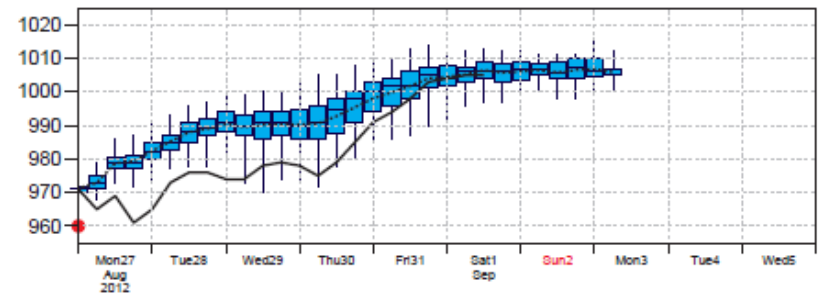
Probability (%) of Tropical Cyclone Intensity falling in each category  
**TD**[up to 33] **TS** [34-63] **HR1**[64-82] **HR2** [83-95] **HR3** [> 95 kt]



10m Wind Speed (kt) **solid**=OPER; **dot**=Ens Mean



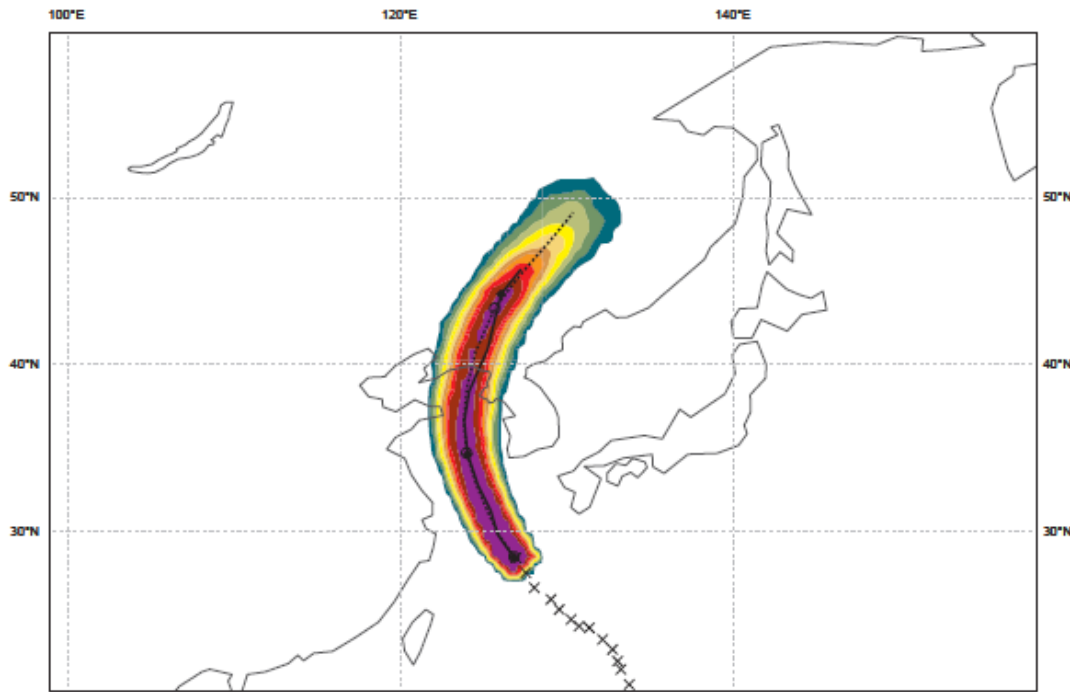
Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) **solid**=OPER; **dot**=Ens Mean





Date 20120827 00 UTC @ECMWF

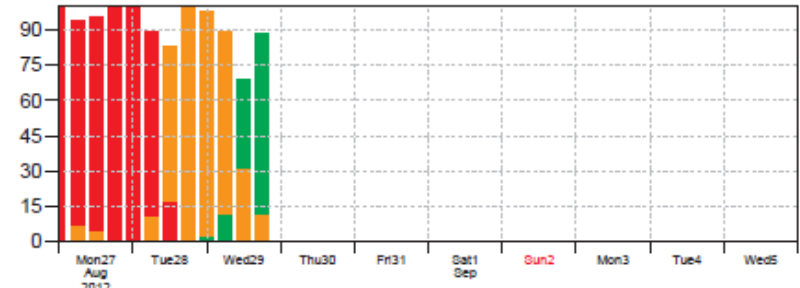
Probability that **BOLAVEN** will pass within 120 km radius during the next 240 hours  
 tracks: **solid**=OPER; **dot**=Ens Mean [reported minimum central pressure (hPa) **950** ]



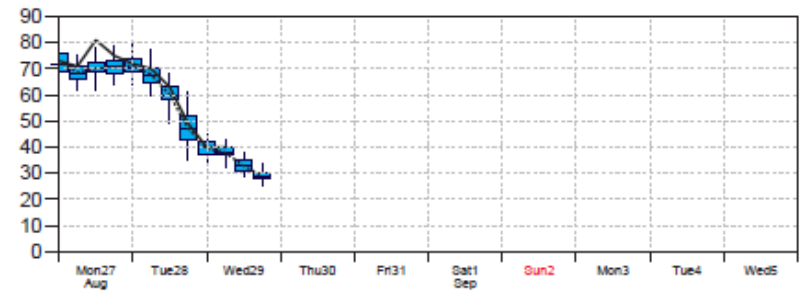
List of ensemble members numbers forecast Tropical Cyclone  
 Intensity category in colours: **TD**[up to 33] **TS**[34-63] **HR1**[64-82] **HR2**[83-95] **HR3**[>95 kt]

+024 h : hr ct 01 02 03 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49  
 +048 h : hr ct 01 02 03 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49  
 +072 h : 02 08 29  
 +096 h :  
 +120 h :  
 +144 h :  
 +168 h :  
 +192 h :  
 +216 h :  
 +240 h :

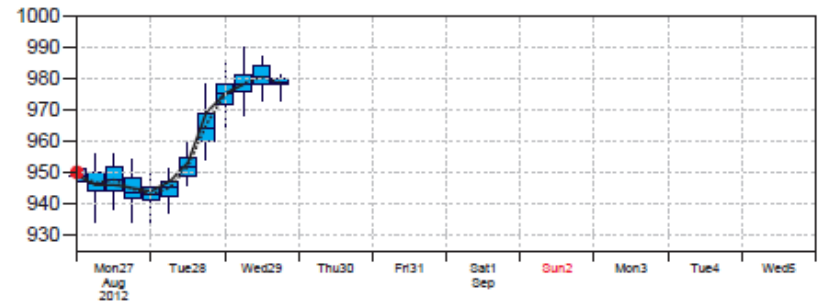
Probability (%) of Tropical Cyclone Intensity falling in each category  
**TD**[up to 33] **TS** [34-63] **HR1**[64-82] **HR2** [83-95] **HR3** [> 95 kt]



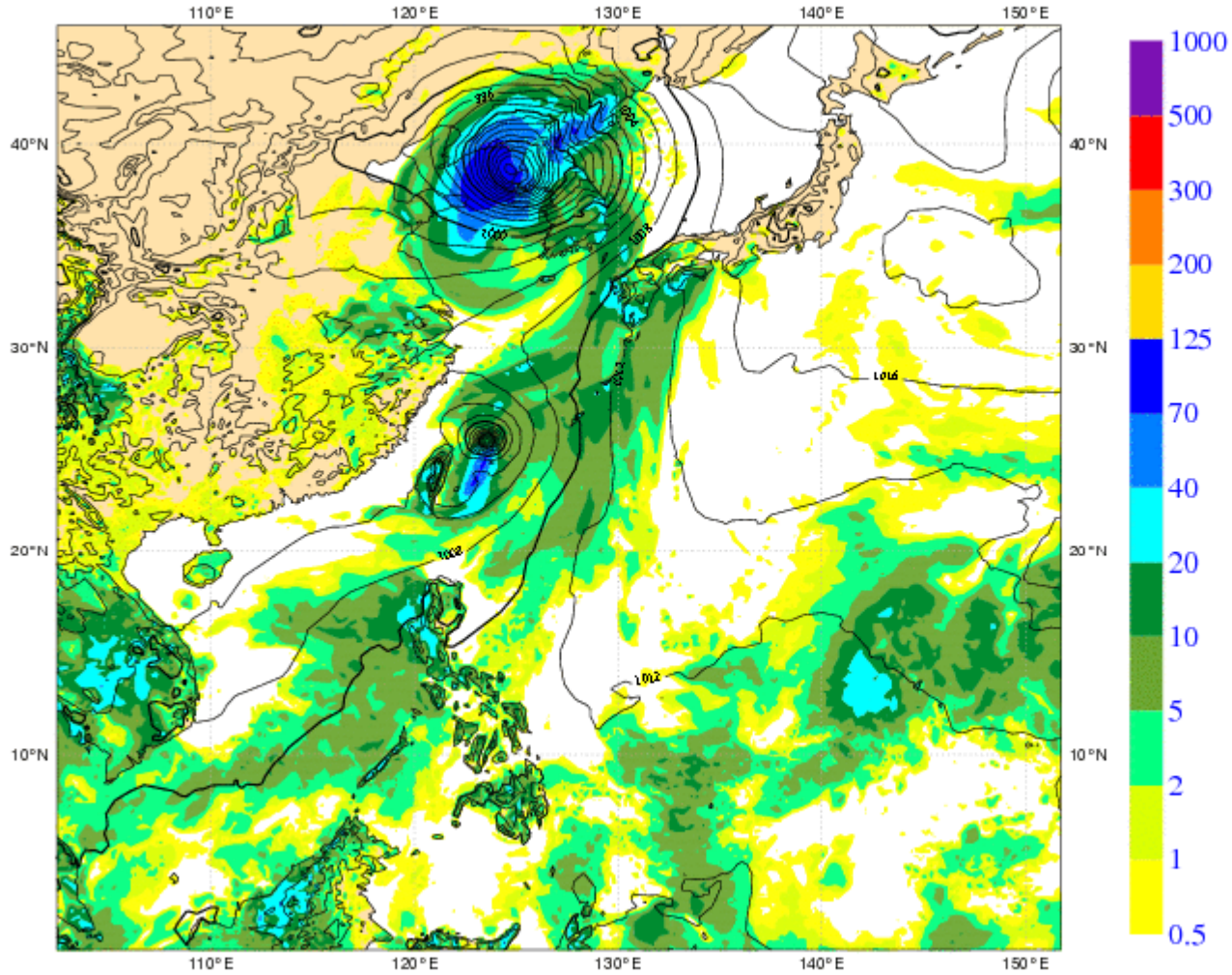
10m Wind Speed (kt) solid=OPER; dot=Ens Mean



Mean Sea Level Pressure in Tropical Cyclone Centre (hPa) solid=OPER; dot=Ens Mean

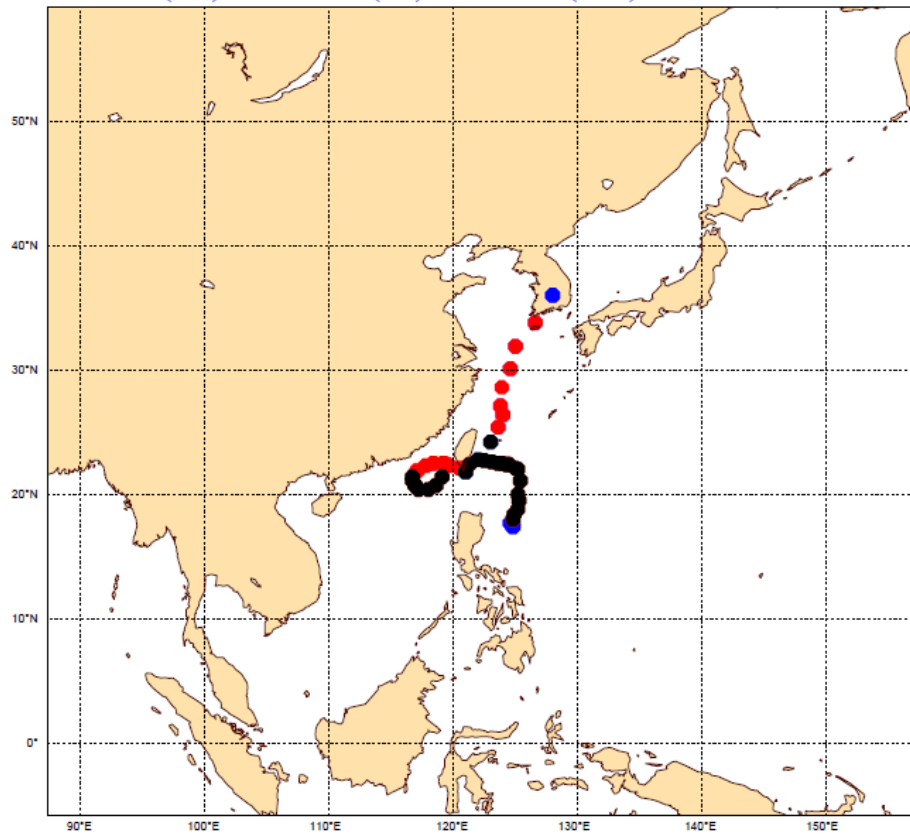


Tuesday 28 August 2012 00UTC ECMWF Forecast 1+12 VT: Tuesday 28 August 2012 12UTC Surface: Mean sea level pressure  
Tuesday 28 August 2012 00UTC ECMWF Forecast 1+12 VT: Tuesday 28 August 2012 12UTC Surface: \*\*Convective precipitation



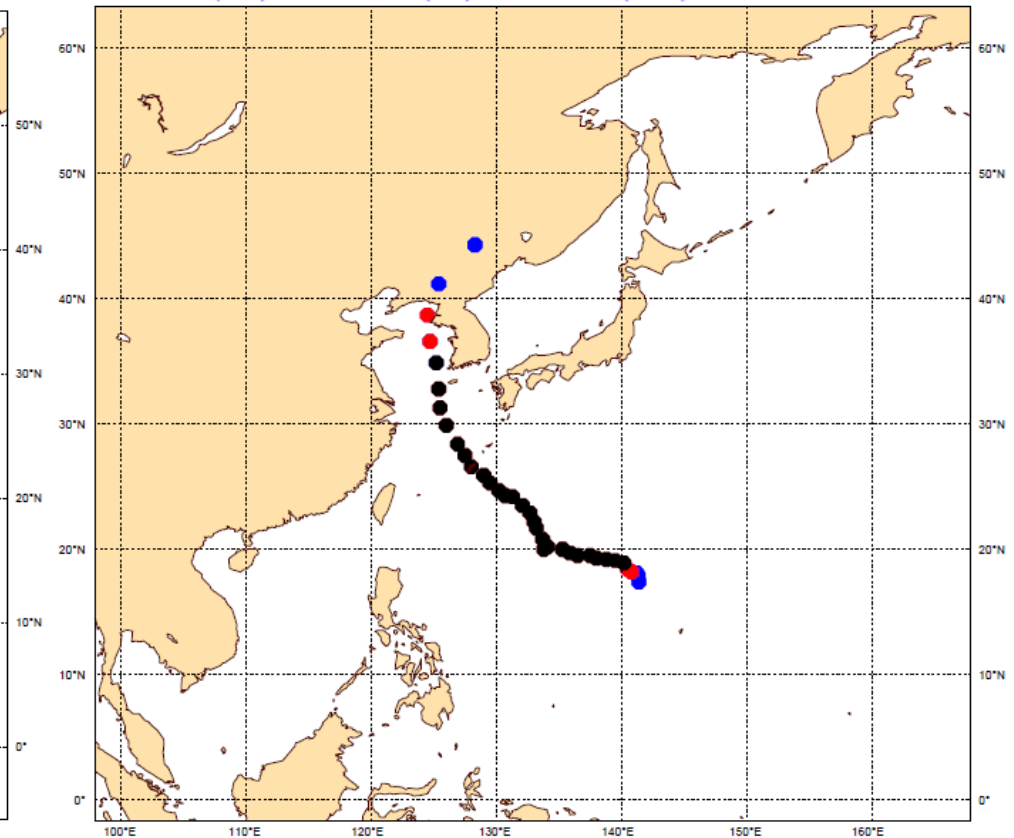
OBSERVATION TRACKING FOR TEMBIN (17W)  
CYCLONE LIFETIME : 20120819 TO 20120830

● 1 (TD) ● 2 (TS) ● 3 (STS) ● 4 (TYP/HUR)



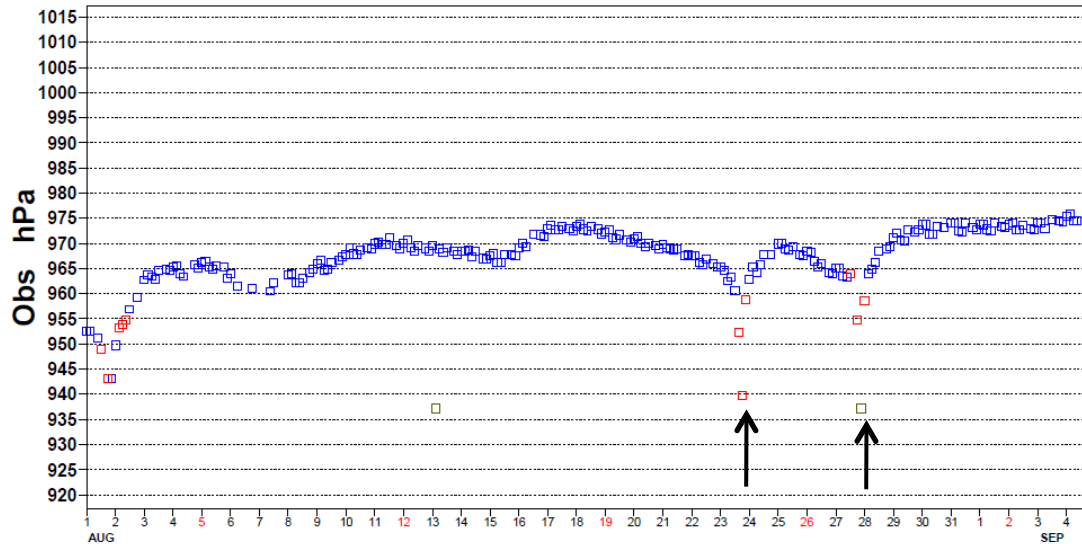
OBSERVATION TRACKING FOR BOLAVEN (18W)  
CYCLONE LIFETIME : 20120820 TO 20120829

● 1 (TD) ● 2 (TS) ● 3 (STS) ● 4 (TYP/HUR)



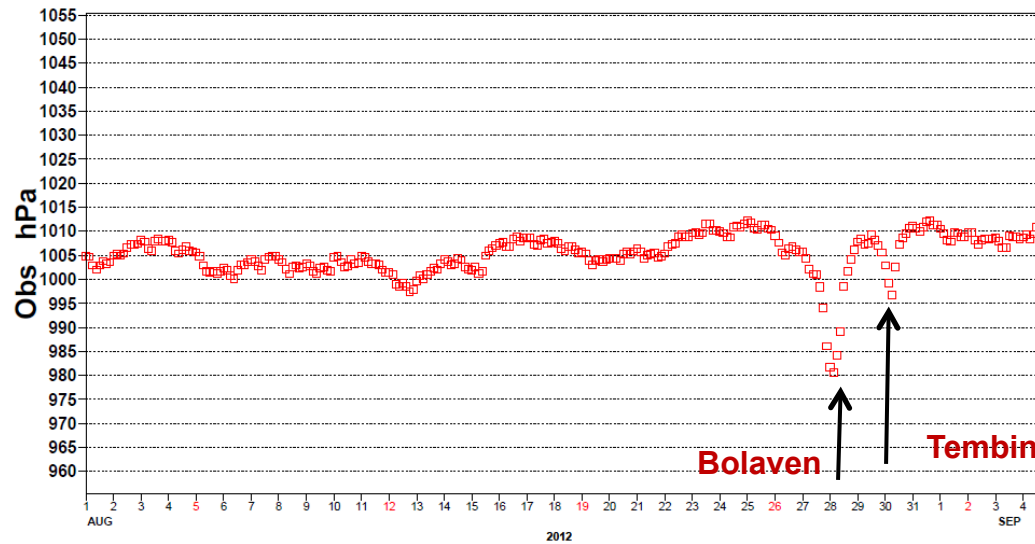


Pressure SYNOP 59567 Lat: 22.0 Lon: 121.6  
N obs: 229( 94% used) Bias:967.1 Std: 7.4



Tembin

Pressure SYNOP 47140 Lat: 36.0 Lon: 126.8  
N obs: 279( 0% used) Bias:\*\*\*\*\* Std: 4.4



23/Aug/2012

