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Issued 17 Sept 2017. Main observation source Unisys and Accuweather

Forecasts are "positive" ie of events likely not explicitly forecasts of periods of No events, ie we expect some generally lesser storms outside predicted periods. Chi-square test normally N/A

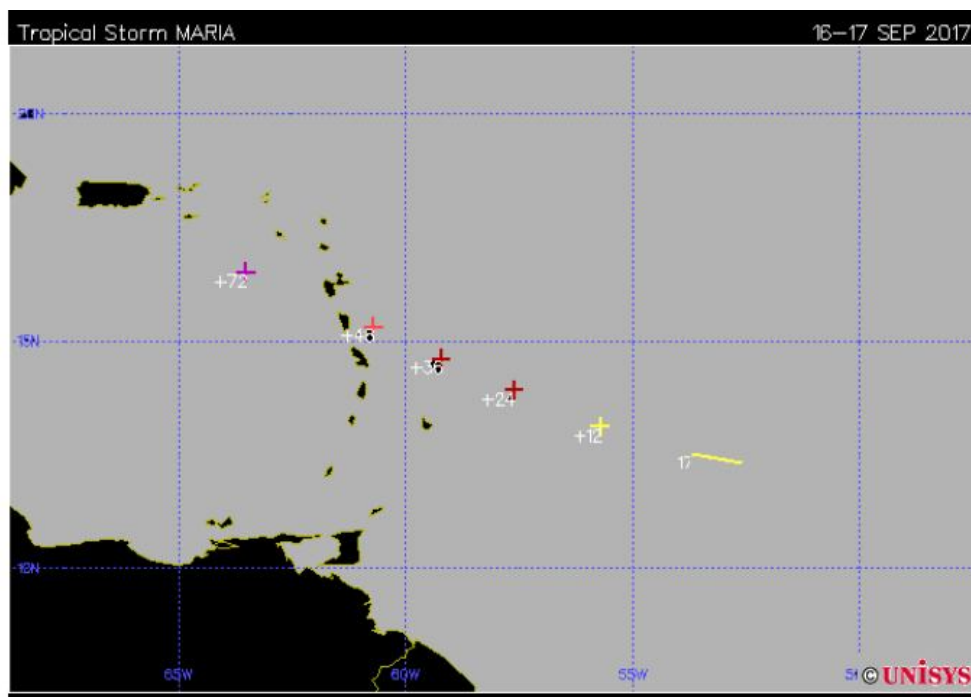
Atlantic-Caribbean-Gulf SEPT 2017; 1st period, Sep 12-15+-1d

Forecast:

Dates +/-1d	R (Red) Solar factor value	Confidence	Likely / poss Region Formation	Likely / poss Track	Likely poss top intensity
Form Sept 12-15	R4, 12-15 th	BC, 70%	Gulf of Mexico	Tracking ~West could hit Mexico or Texas.	H2-H4

Result

Formation (TS) Name Date Time	-Region Formation	TRACK (verify in correct area)	Top intensity
MARIA 16 th 18z as TS, TD no report YES 1/1 LEE also candidate TS 16 th 12z (TD 15 th)	Atlantic just E of Carib = NO 0/1	Tracking ~West but Not in area so N/A; NO 0/1.	Projected H3 , YES 1/1*
Comment and Score	TS formation in time window (+-1d) but wrong area. Interestingly matching projected intensity. SCORE = 2 / 4 (or 1/3 if Intensity ignored)		



East Pacific TS-Hurricanes SEPT 2017; 1st period, Sep 12-15+1d

Forecast:

Dates +/-1 d	R (Red) Solar factor value	Confidence	Likely / poss Region Formation	Likely / poss Track	Likely poss top intensity
Form Sept 12-15	R4, 12-15th	AB, 80%	Pacific off Mexico	West / NW then possibly swerving NE towards Mexico could get near Mexico.	H1-H2

Result - From [Josh Morgerman](#) @iCyclone and [AccuWeather](#) @breakingweather

Formation (TS) Name Date Time	-Region Formation	TRACK (verify in correct area)	Top intensity
MAX 13th , reached H1 14th YES 1/1 ; also other TS off Mexico	Pacific off Mexico YES, 1/1	Swerved & headed NE for Mexico as WA warned (+ hit Mexico) YES 1/1	H1, YES 1/1*
Comment and Score	TS formation in correct time window, area, track and top intensity; SCORE = 4 / 4		



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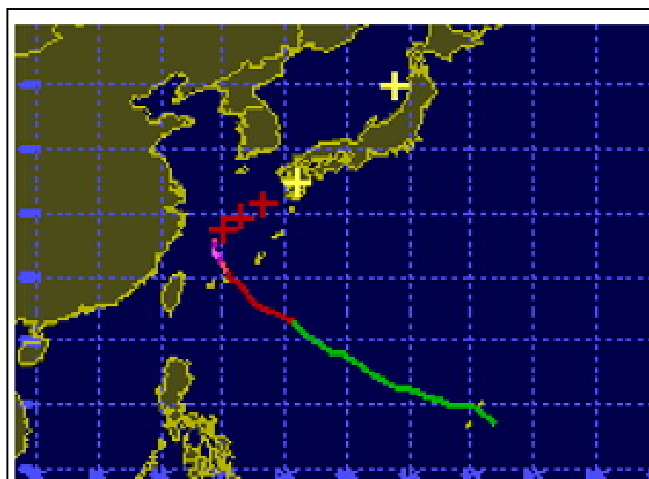
West Pacific TS-Typhoons SEPT 2017; 1st period, Sep 12-15+1d

Forecast:

Dates +/-1 d	R (Red) Solar factor value	Confidence	Likely / poss Region Formation	Likely / poss Track	Likely poss top intensity
Form Sept 12-15	R4, 12-15th, 2 storms likely.	B, 75% B, 75%	Pacific East of Philippines Pacific NE of Philippines	W / WNW through Philippines to S China Sea & Gulf of Tonkin - Vietnam hit; or more N to China. West / WNW, likely hit through or close to Taiwan and on to hit HongKong / Kwangtung China.	T3-T5 T3-T5

Results (info http://weather.unisys.com/hurricane/w_pacific/2017/index.php)

Formation (TS) Name Date Time	-Region Formation	TRACK (verify in correct area)	Top T
DOKSURI 13th(TS) (bel Left), TD 11th T3 15 th 0z YES 1/1;	Pacific East (as TD) of Philippines YES, 1/1	W/WNW through Philippines, S China Sea Gulf of Tonkin Vietnam HIT, YES 1/1	T3, YES 1/1
Comment and Score	TS formation in correct time window, area, track and top intensity; SCORE = 4 / 4		



Formation (TS) Name Date Time	-Region Formation	TRACK (verify in correct area)	Top T
TALIM (above rt) 12 th as T1 (no TS, TD 8 th), T4 14 th : YES 1/1;	Pacific NE (TD-T1) of Philippines YES 1/1	Correct W / WNW track, neared China but swerved to Japan YES/NO, 0.5 /1	T4, YES 1/1
Comment and Score	TS (T1) formation correct time window (TS not TD is formation time in WA), area [as TD/T1, TS not recorded], track & top intensity: SCORE=3.5/ 4		

OVERALL SCORE 2017 Sep 12-15+1d

4 Storms (3 in tight window 1 in +1d which was also the lowest (70%) confidence)

Scores: Atlantic Region 2/4 + East Pacific 4/4 + West Pacific 4/4 & 3.5/4 => 7.5/8; Combined =>

13.5 / 16 = 84%

Average confidence of predictions was 75% **Protocols: Formation timing** is taken for when (**usually R5, R4**) event becomes potentially dangerous ie **NAMED** ie TS (well defined), not TD (many TDs start but do not develop and are not named) **Formation area** is TD/TS ie where something starts to develop.