



REGIONAL SPECIALISED METEOROLOGICAL CENTRE -TROPICAL CYCLONES, NEW DELHI SPECIAL TROPICAL WEATHER OUTLOOK

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 28.09.2026

SPECIAL TROPICAL WEATHER OUTLOOK FOR THE NORTH INDIAN OCEAN (THE BAY OF BENGAL AND THE ARABIAN SEA) VALID FOR THE NEXT 168 HOURS ISSUED AT 0800 UTC OF 28.09.2026 BASED ON 0300 UTC OF 28.09.2026.

Sub: Depression over north Andaman Sea & adjoining Myanmar coast

The Depression over north Andaman Sea & adjoining Myanmar coast moved north-northwestwards with a speed of 14 kmph during past 3 hours and lay centred at 0300 UTC of today, the 28th September 2026 over the same region near latitude 15.9°N and longitude 97.4°E, about 70km south-southwest of Mawlamyine (48103, Myanmar), 160km southeast of Yangon (48097, Myanmar), 180km south-southeast of Bago (48093, Myanmar), 480km east-northeast of Coco Island (48109, Myanmar) and 590km northeast of Mayabandar (Andaman Islands, India).

It is very likely to intensify into a Deep Depression and cross Myanmar coast between Yangon and Kyaikto around 1500 UTC of today, the 28th September 2026. Thereafter, it is likely to move north-northwestwards along & off Myanmar coast towards northeast Bay of Bengal & adjoining Bangladesh coasts during subsequent 2 days.

Date/Time (UTC)	Position (Lat. °N/ Long. °E)	Maximum Sustained Surface Wind Speed (Kmph)	Category Of Cyclonic Disturbance
28.09.26/0300	15.9/97.4	45-55 gusting 65	Depression
28.09.26/0600	16.2/97.3	50-60 gusting 70	Deep Depression
28.09.26/1200	16.8/97.0	55-65 gusting 75	Deep Depression
29.09.26/0000	17.8/96.5	55-65 gusting 75	Deep Depression

The estimated central pressure is 1002 hPa and associated maximum sustained wind speed is 25 kt gusting to 35 kt.

Mawlamyine (48103, Myanmar) reported MSLP 1003.9 hPa, Maximum Sustained Wind (MSW) speed as 40⁰/04 kt and 24 hours pressure change (P24) as -1.8 hPa.

As per INSAT 3D(S), vortex over north Andaman Sea & adjoining Myanmar coast and neighbourhood centred near 15.9°N/97.3°E with intensity T1.5. Associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over Andaman Islands area, north Andaman Sea, south Myanmar, Thailand and Gulf of Thailand (Minimum Cloud Top Temperature (CTT) is -70 to -90°C).

Convection over other areas:

Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature(CTT)>-25°C, (b) Moderate: CTT:-25°Cto-40°C, (c) Intense: CTT: -41°Cto -70°C and (d) Very Intense::Less than -70°C Probability of cyclogenesis (formation of depression) :NIL:0%, LOW:1-33%, MODERATE:34-66% and HIGH:67-100%

This is a guidance Bulletin for WMO/ESCAP Panel Member countries. Visit respective National websites for Country specific Bulletins.

Scattered to broken, low and medium clouds with embedded intense to very intense convection lay over the Andaman Sea, Gulf of Martaban and Tenasserim Coast. Scattered, low and medium clouds with embedded moderate to intense convection lay over Eastcentral and Southeast Bay of Bengal.

Remarks

Madden Julian Oscillation index is in phase 1 with amplitude more than 1 and is likely to loop in the same phase during next 7 days with amplitude remaining more than 1. The sea surface temperature (SST) is 29-30°C. The low level vorticity in the lower tropospheric levels is $150 \times 10^{-6} \text{ s}^{-1}$ at 850 around the system centre. Vertically it is extending upto mid-tropospheric level. The lower level convergence has increased in past 12 hours and is around $40 \times 10^{-6} \text{ s}^{-1}$ to the southwest of system centre. Upper level divergence is about $40 \times 10^{-6} \text{ s}^{-1}$ over the southwest of the system centre. The mid shear is low to moderate (10-15kt) over the system area and along the predicted path. The total precipitable water imagery indicates warm moist air incursion into the core. There is good equatorward outflow. Under these favourable features, the system intensified into a depression at 0000 UTC of today and is likely to intensify further into a deep depression in next 12 hours.

However, various numerical models are not indicating significant intensification of this system. Models are consistent wrt north-northwestwards movement along and off Myanmar–Bangladesh coasts towards northeast Bay of Bengal & adjoining Bangladesh during next 2-3 days.

Guidance from numerical models:

Based on the observations and guidance from various numerical models:

Confidence Level in estimation of current location and intensity: **High**

Confidence Level in prediction of forecast track: **Mod**

Confidence Level in prediction of forecast intensity: **Mod**

Considering all the above, it is inferred that the depression is very likely to intensify into a Deep Depression and cross Myanmar coast between Yangon and Kyaikto around 1500 UTC of today, the 28th September 2026. Thereafter, it is likely to move north-northwestwards along & off Myanmar coast towards northeast Bay of Bengal & adjoining Bangladesh coasts during subsequent 2 days.

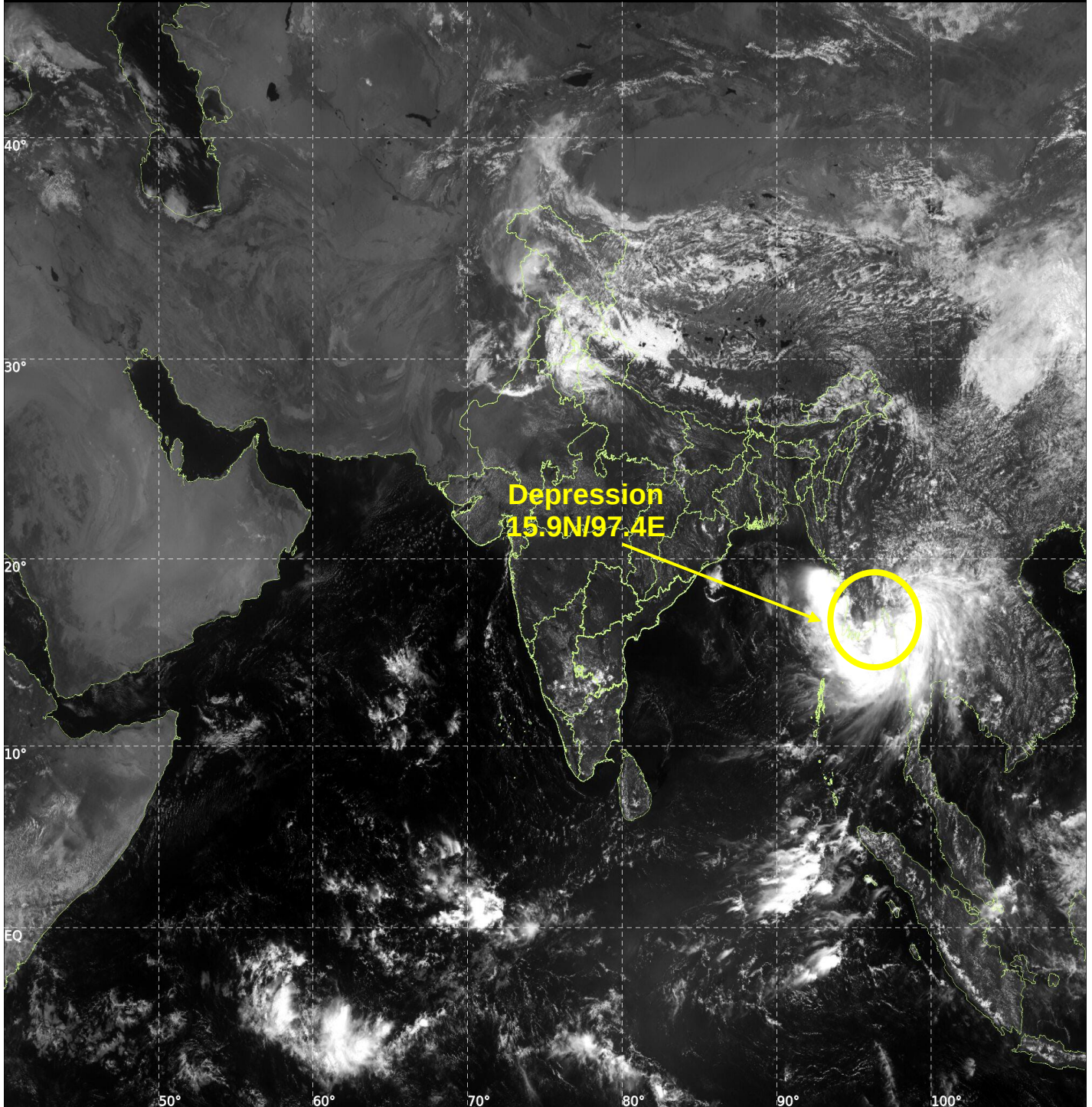
Dr. D. R. PATTANAIK
Head, RSMC
RSMC NEW DELHI



INSAT-3DS IMG, Visible Count @ 0.65 μm
GMT:28-09-2026/(0600-0627) IST:28-09-2026/(1130-1157)
L1C MERCATOR (LINEAR STRETCH: 0.5%)

68

420

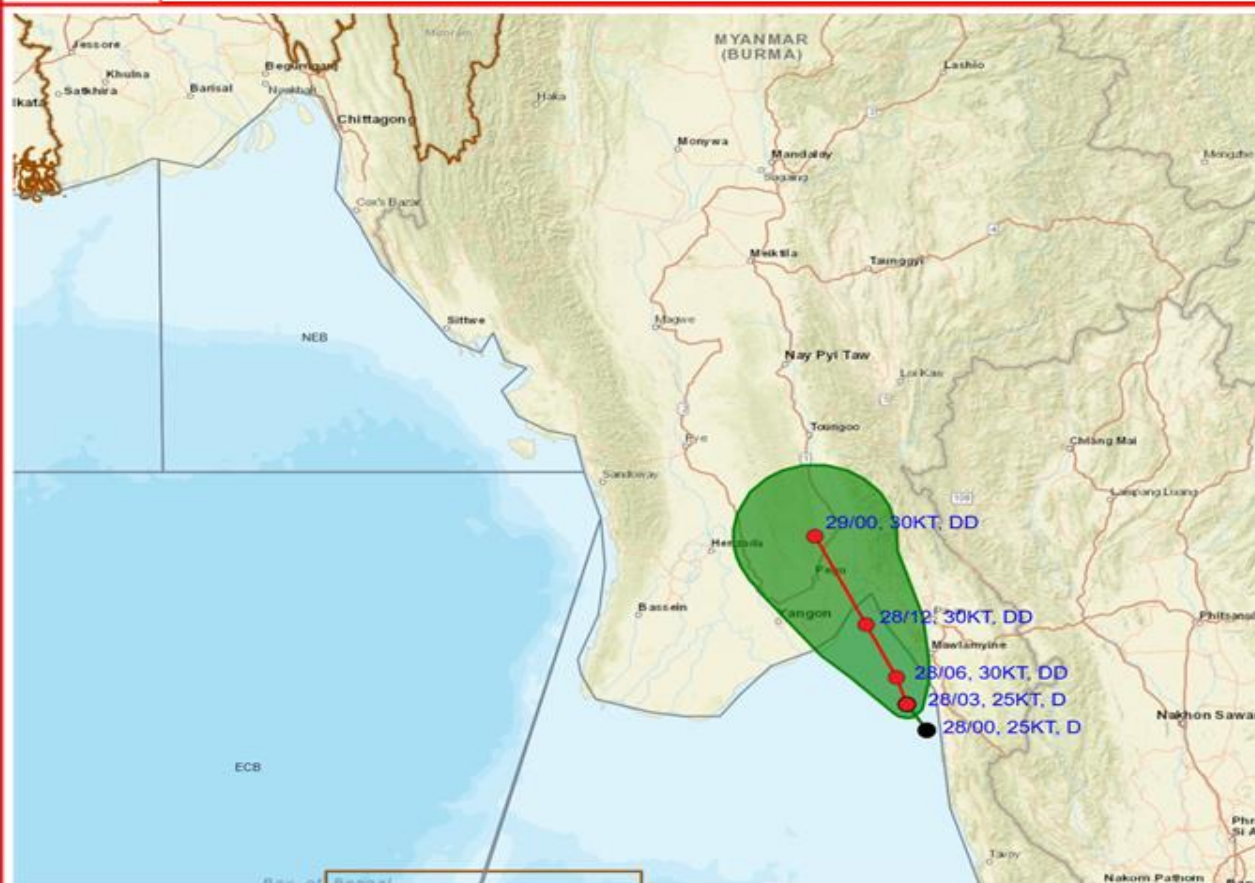


Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature(CTT)>-25°C, (b) Moderate: CTT:-25°Cto-40°C, (c) Intense: CTT: -41°Cto -70°C and (d) Very Intense::Less than -70°C Probability of cyclogenesis (formation of depression) :NIL:0%, LOW:1-33%, MODERATE:34-66% and HIGH:67-100%

This is a guidance Bulletin for WMO/ESCAP Panel Member countries. Visit respective National websites for Country specific Bulletins.



OBSERVED AND FORECAST TRACK OF DEPRESSION OVER NORTH ANDAMAN SEA AND ADJOINING MYANMAR COAST BASED ON 0300 UTC (0830 Hrs. IST) OF 28TH SEPTEMBER 2026



DATE/TIME IN UTC

IST= UTC + 0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

D: DEPRESSION (17-27 KT)

DD: DEEP DEPRESSION (28-33 KT)

CS: CYCLONIC STORM (34-47 KT)

SCS: SEVERE CYCLONIC STORM (48-63 KT)

VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)

ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)

SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

● LESS THAN 34 KT

○ 34-47 KT

○ ≥ 48 KT

— OBSERVED TRACK

— FORECAST TRACK

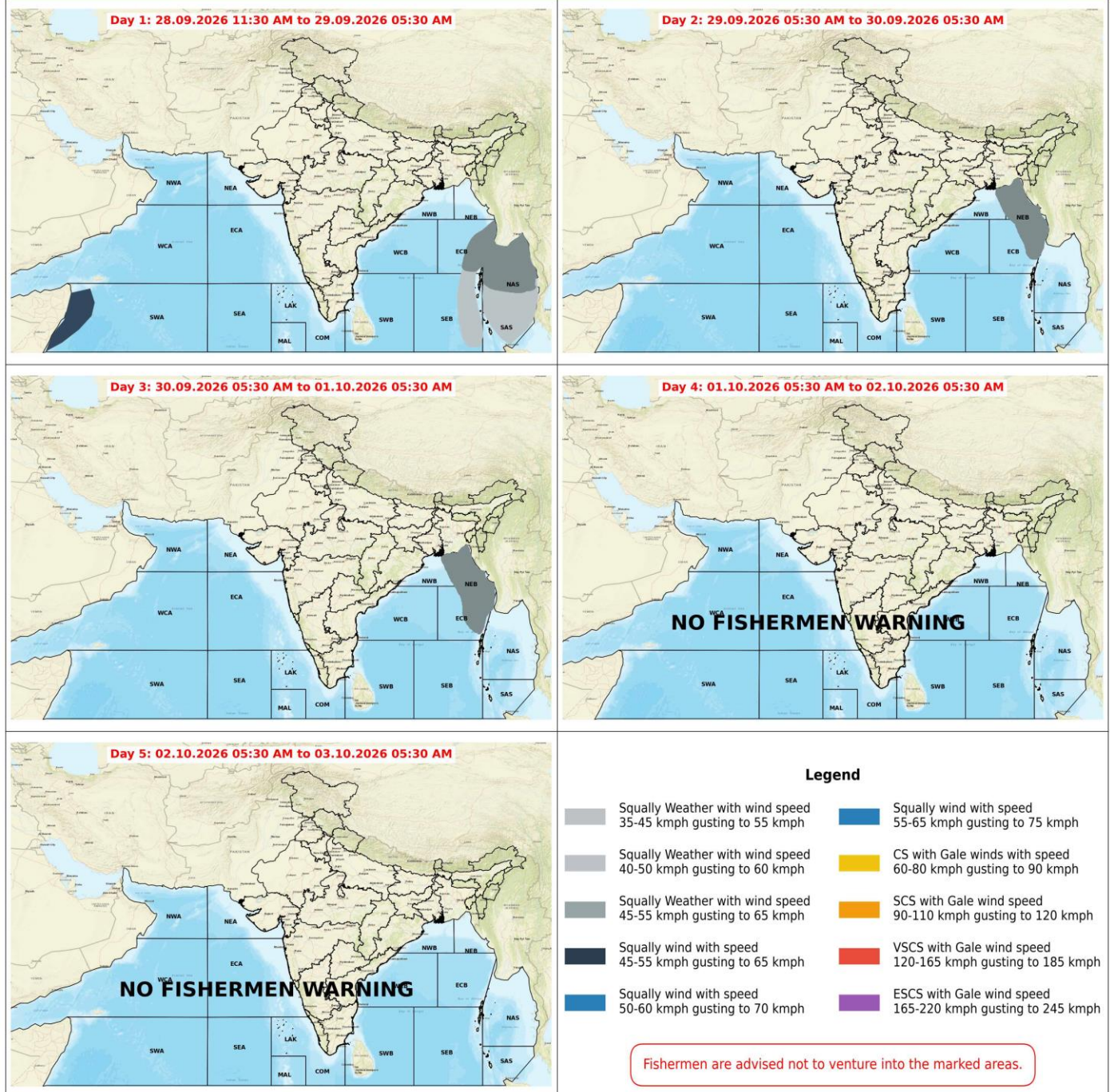
▲ CONE OF UNCERTAINTY

				Forecast distance (km) and direction of the centre from nearest 5 stations				
Forecast Date and Time	Lead Period (hrs)	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
28.09.2026 03:00 UTC	0	15.9	97.4	MAWLAMYINE (70, SSW)	YANGON (160, SE)	BAGO (180, SSE)	COCO ISLAND (480, ENE)	MAYABANDAR (590, NE)

Cloud distribution: (a) Isolated: <25%, Scattered: 25-50%, Broken: 51-75%, Solid: >75%, Convection Intensity: (a) Weak: Cloud Top Temperature (CTT) > -25°C, (b) Moderate: CTT: -25°C to -40°C, (c) Intense: CTT: -41°C to -70°C and (d) Very Intense: Less than -70°C Probability of cyclogenesis (formation of depression): NIL: 0%, LOW: 1-33%, MODERATE: 34-66% and HIGH: 67-100%

This is a guidance Bulletin for WMO/ESCAP Panel Member countries. Visit respective National websites for Country specific Bulletins.

Fishermen Warning Graphics



Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature(CTT)>-25°C, (b) Moderate: CTT:-25°Cto-40°C, (c) Intense: CTT: -41°Cto -70°C and (d) Very Intense::Less than -70°C Probability of cyclogenesis (formation of depression) :NIL:0%, LOW:1-33%, MODERATE:34-66% and HIGH:67-100%

This is a guidance Bulletin for WMO/ESCAP Panel Member countries. Visit respective National websites for Country specific Bulletins.