

Location : **Emerald** Coordinates : **19° 20' 0" N / 71° 19' 0" E** Time Zone : **GMT +5.5**

Report issued at : **Mon 04-Dec-2017 05:00 LT** Valid **168** hours (7 days) from : **Dec 04 2017 05:00:00**
Tropical Advisory **TROPICAL CYCLONE 03B (OCKHI).** Center located near 12.8N/68.7E(420Nm) at 03/1700LT. Present movement toward N at 8KT
Max winds 75/90KT. Forecast 05/0500LT 17.3N/70.6E(129Nm) Max winds 50/65KT. Forecast 06/1700LT 22.6N/73.2E(223Nm) Max winds 30/40KT.

Meteorological Situation A complex Low pressure system 1000 with center located near (14° 58' N/68° 20' E) extends across the region

Forecast Summary : Winds peaking 29Kts Gusts 41Kts on Mon 04 23:00 and Wave Height reaching 4.3 - 6.5m on Tue 05 11:00

Warnings (next 24 hrs) **Winds : 19 - 27 kts** **Wave : 1.8 - 2.7 m** **Thunderstorm Risk : High** **Potential Gusts/Squall : 42 - 52 kts**
Tabular Forecast Data Confidence Levels **High** **Moderate** **Low**

| Days / | | Wind 10m (Knots) | | Wind | Seas (m) | | | | | | | | |
|-----------|-----|------------------|--------------|------|-------------|---------|------|-------------|---------|------|-------------|-------------|------|
| Time(LT) | Dir | Avg Speed (10 m) | Gusts (10 m) | 50 m | Wind sea Hs | Swell 1 | | | Swell 2 | | | Sea + Swell | |
| | | | | | | Dir1 | Hsw1 | Period1 (s) | Dir2 | Hsw2 | Period2 (s) | Hs tot | Hmax |
| Mon 04 05 | NNE | 16 | 22 | 20 | 0.7 | S | 1.6 | 11.0 | SW | 0.3 | 16.4 | 1.8 | 2.7 |
| Mon 04 08 | ENE | 12 | 17 | 15 | 0.7 | S | 1.6 | 10.9 | SW | 0.4 | 16.1 | 1.8 | 2.7 |
| Mon 04 11 | S | 11 | 15 | 14 | 0.6 | S | 1.7 | 10.9 | SW | 0.4 | 16.1 | 1.9 | 2.8 |
| Mon 04 14 | NE | 7 | 10 | 9 | 0.5 | SSW | 2.1 | 11.7 | SW | 0.3 | 16.1 | 2.2 | 3.3 |
| Mon 04 17 | NE | 19 | 27 | 24 | 0.7 | SSW | 2.4 | 12.0 | * | * | * | 2.5 | 3.8 |
| Mon 04 20 | NE | 21 | 29 | 27 | 1.2 | SSW | 2.5 | 12.0 | * | * | * | 2.8 | 4.2 |
| Mon 04 23 | NE | 29 | 41 | 37 | 1.8 | SSW | 2.7 | 12.0 | * | * | * | 3.2 | 4.8 |
| Tue 05 02 | E | 24 | 34 | 30 | 2.1 | SSW | 3.0 | 12.0 | * | * | * | 3.6 | 5.4 |
| Tue 05 05 | ESE | 28 | 39 | 36 | 2.0 | S | 3.4 | 11.7 | * | * | * | 3.9 | 5.8 |
| Tue 05 11 | S | 18 | 25 | 23 | * | S | 4.1 | 10.6 | NE | 1.4 | 6.4 | 4.3 | 6.4 |
| Tue 05 17 | NNW | 18 | 25 | 23 | 2.1 | SSE | 2.4 | 9.1 | SSW | 0.4 | 14.5 | 3.3 | 4.9 |
| Tue 05 23 | N | 10 | 14 | 13 | 1.9 | SSE | 1.3 | 8.0 | SSW | 0.4 | 14.0 | 2.3 | 3.4 |
| Wed 06 05 | NNW | 13 | 18 | 17 | * | N | 1.2 | 6.0 | S | 0.9 | 7.4 | 1.5 | 2.3 |
| Wed 06 11 | NNW | 8 | 11 | 10 | * | S | 0.7 | 7.0 | NW | 0.6 | 8.0 | 1.2 | 1.8 |
| Wed 06 17 | N | 9 | 13 | 11 | 0.6 | S | 0.5 | 6.8 | SSW | 0.3 | 13.0 | 1.0 | 1.5 |
| Wed 06 23 | NNE | 11 | 15 | 14 | 0.1 | NW | 0.5 | 6.9 | SSW | 0.4 | 13.2 | 0.8 | 1.2 |
| Thu 07 05 | N | 13 | 18 | 17 | 0.5 | SSW | 0.3 | 14.7 | SSW | 0.3 | 12.0 | 0.8 | 1.2 |
| Thu 07 11 | NNE | 10 | 14 | 13 | * | NW | 0.6 | 6.2 | SSW | 0.4 | 14.5 | 0.8 | 1.2 |
| Thu 07 17 | N | 11 | 15 | 14 | * | NW | 0.6 | 6.1 | SSW | 0.5 | 13.5 | 0.8 | 1.2 |
| Thu 07 23 | NNE | 12 | 17 | 15 | * | NNW | 0.5 | 6.3 | SSW | 0.5 | 13.3 | 0.8 | 1.2 |
| Fri 08 05 | NNE | 12 | 17 | 15 | 0.4 | SSW | 0.5 | 13.2 | NW | 0.4 | 6.6 | 0.7 | 1.0 |
| Fri 08 11 | NE | 13 | 18 | 17 | 0.5 | SSW | 0.5 | 12.6 | NW | 0.3 | 6.3 | 0.8 | 1.2 |
| Fri 08 17 | NE | 8 | 11 | 10 | 0.4 | SSW | 0.5 | 12.3 | NW | 0.2 | 6.0 | 0.7 | 1.0 |
| Fri 08 23 | NNE | 10 | 14 | 13 | 0.5 | SSW | 0.4 | 12.2 | SW | 0.3 | 15.2 | 0.7 | 1.0 |
| Sat 09 05 | NE | 14 | 20 | 18 | 0.5 | SSW | 0.4 | 12.4 | SW | 0.2 | 16.1 | 0.7 | 1.0 |
| Sat 09 11 | E | 9 | 13 | 11 | * | NE | 0.5 | 3.9 | SSW | 0.4 | 13.5 | 0.7 | 1.0 |
| Sat 09 17 | NE | 5 | 7 | 6 | * | SSW | 0.4 | 14.0 | NE | 0.3 | 3.6 | 0.6 | 0.9 |
| Sat 09 23 | N | 9 | 13 | 11 | 0.3 | SSW | 0.5 | 14.4 | SSE | 0.1 | 8.4 | 0.6 | 0.9 |
| Sun 10 05 | NE | 15 | 21 | 19 | 0.5 | SSW | 0.5 | 14.8 | S | 0.1 | 10.2 | 0.7 | 1.0 |
| Sun 10 11 | ENE | 12 | 17 | 15 | 0.5 | SSW | 0.4 | 13.5 | SW | 0.2 | 16.0 | 0.7 | 1.0 |
| Sun 10 17 | NNE | 7 | 10 | 9 | 0.5 | SSW | 0.5 | 13.6 | SSE | 0.1 | 9.8 | 0.7 | 1.0 |
| Sun 10 23 | N | 8 | 11 | 10 | 0.6 | SSW | 0.5 | 14.1 | SSE | 0.2 | 9.7 | 0.7 | 1.0 |
| Mon 11 05 | NNE | 10 | 14 | 13 | 0.7 | SSW | 0.5 | 14.4 | SSE | 0.2 | 9.1 | 0.9 | 1.4 |

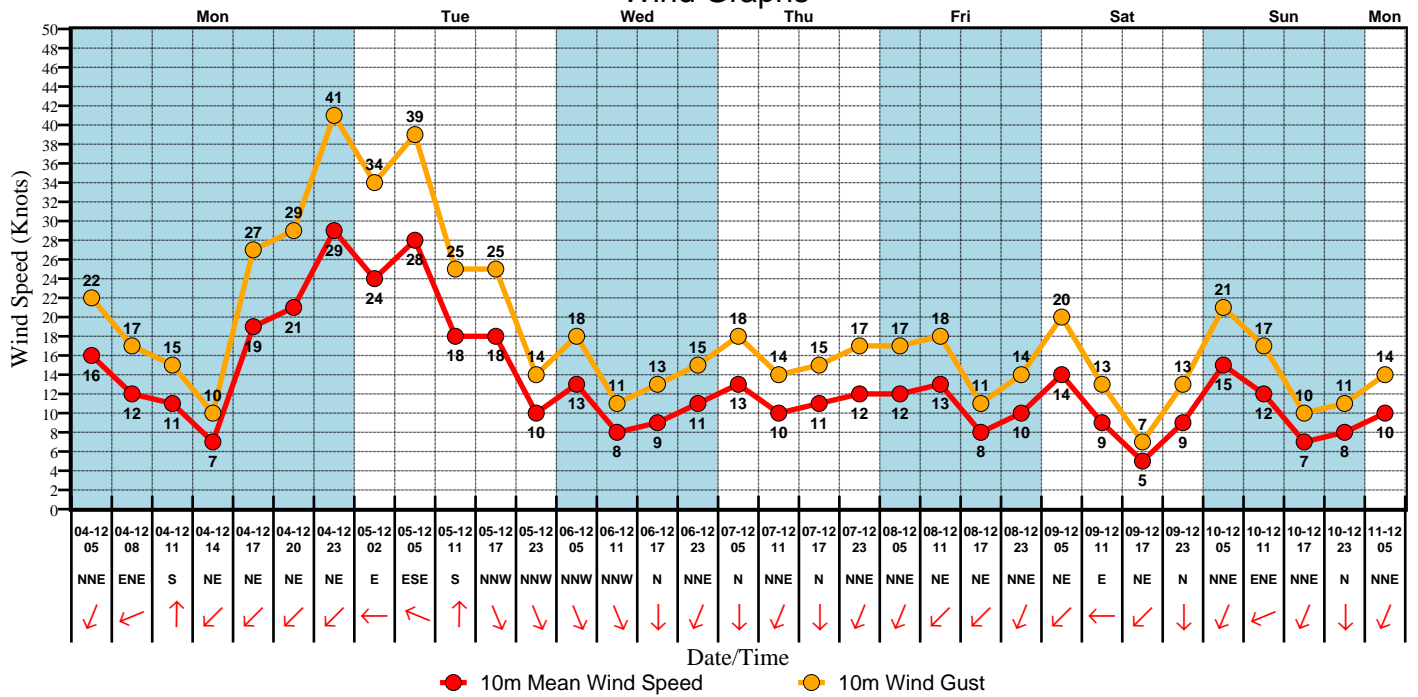
Beaufort Wind Scale

| | | | | | |
|-----------|--------|-------|---|--------|---------|
| Light | 0 to 4 | Fresh | 5 | Strong | 6 |
| Near Gale | 7 | Gale | 8 | Storm | 9 to 12 |

Sea State

| | | | | | |
|------------|--------|----------|--------|-----------|--------|
| Slight | 0 to 3 | Moderate | 3 to 4 | Rough | 4 to 5 |
| Very Rough | 5 to 6 | High | 6 to 7 | Very High | 7 to 9 |

Wind Graphs



Seas Graphs

