

#### CustomWeather, Inc.

230 California St. #420 San Francisco, CA 94111

Fax: Email aflint@customweather.com

Phone:

HSA±415-777-3303

USA+415-777-3003

Forecast Information

Client: CustomWeather Demo

Location: Vung Tau Offshore at 10.34°N & 107.58°E

Forecast valid 120 hours from 0600 UTC on Saturday October 24, 2009

### Local Synoptic Briefing for today:

Asia: The remnants of Typhoon Lupit will be lingering to the north of the Philippines. More rain and flooding are expected as the storm continues to slowly unravel. To the north, a storm system will be positioned to the south of Japan with most of the energy remaining offshore. Gusty winds and a few showers may affect the far southern coastline only. A trough will be shifting east across Mongolia with areas of light rain and wet snow expected. A trough will produce 10 to 15 mm rainfalls over Thailand, Cambodia, and Burma. Highs will reach 11 in Sapporo with variable cloudiness and a few scattered showers, 24 in Beijing with partly sunny, breezy conditions, and 26 in Taipei with increasing winds and thunderstorms.

### Local Synoptic Briefing for tomorrow:

Asia: A small storm system will be positioned over eastern Mongolia with a branch of the jet stream overhead. This setup will lead to breezy. unsettled weather over eastern Mongolia. The precipitation will fall mainly in the form of snow. Fine weather will dominate most of China with the exception of some southeastern and eastern coastal regions. A few showers will dot the Shanghai area. Tropical Storm Lupit will be racing northeast to the east of Taiawan and weakening. Scattered showers will dot portions of the Philippines, southern Vietnam, Laos, Cambodia, Thailand, and southern Burma. Temperatures will be close to normal across the entire continent. Highs will reach 11 in Sapporo with partly sunny, breezy conditions, 25 in Beijing with sunny skies, and 26 in Taipei where it will be breezy with some showers likely.

## Tropical Cyclone Discussion:

Latest available report from the India Meteorological Department (IMD):

DEMS- RSMC TROPICAL CYCLONE NEW DELHI 28-05-2009 TROPCAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 24 HOURS ISSUED AT 0600 UTC. SATELLITE IMAGERY SHOWS CONVECTIVE CLOUDS OVER ANDAMAN SEA AND PARTS OF BAY OF BENGAL AND SOUTH ARABIAN SEA. THE RIDGE LINE AT 200 hPa RUNS ALONG LATITUDE 23.0 0 N OVER THE INDIAN REGION.



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## 5-Day Marine Forecast

Location: Vung Tau Offshore, Viet Nam Current Time: 07:40:04 AM ICT

| Valid on     | Wind<br>Direction | Wind Speed<br>(10m) | Sea State<br>Discription | Wave<br>Discription | Wave<br>Height | Mean Wave<br>Direction/Period | Wind Wave<br>Direction/Period | Peak Wave<br>Direction/Period | Sea-Surface<br>Temperature |
|--------------|-------------------|---------------------|--------------------------|---------------------|----------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|
| Sat 24 Oct 2 | 009               |                     |                          |                     |                |                               |                               |                               |                            |
| Morning      | W                 | 17 km/h             | Light Chop               | Calm                | 0.7 m          | SW / 7sec                     | W / 2sec                      | SW / 6sec                     | 29°C                       |
| Afternoon    | W                 | 14 km/h             | Smooth                   | Calm                | 0.7 m          | E / 8sec                      | W / 3sec                      | NE / 11sec                    | 29°C                       |
| Evening      | WNW               | 10 km/h             | Smooth                   | Calm                | 0.6 m          | NE / 8sec                     | W / 2sec                      | NE / 11sec                    | 29°C                       |
| Sun 25 Oct 2 | 2009              |                     |                          |                     |                |                               |                               |                               |                            |
| Night        | WSW               | 14 km/h             | Smooth                   | Calm                | 0.6 m          | NE / 8sec                     | W / 3sec                      | NE / 10sec                    | 29°C                       |
| Morning      | W                 | 15 km/h             | Smooth                   | Calm                | 0.7 m          | NE / 7sec                     | N/A                           | NE / 10sec                    | 29°C                       |
| Afternoon    | WSW               | 10 km/h             | Smooth                   | Calm                | 0.6 m          | NE / 8sec                     | N/A                           | NE / 10sec                    | 29°C                       |
| Evening      | SSE               | 9 km/h              | Smooth                   | Calm                | 0.6 m          | NE / 8sec                     | N/A                           | NE / 10sec                    | 29°C                       |
| Mon 26 Oct   | 2009              |                     |                          |                     |                |                               |                               |                               |                            |
| Night        | E                 | 9 km/h              | Smooth                   | Calm                | 0.5 m          | NE / 8sec                     | N/A                           | NE / 9sec                     | 29°C                       |
| Morning      | ENE               | 18 km/h             | Light Chop               | Calm                | 0.5 m          | NE / 7sec                     | NE / 3sec                     | NE / 9sec                     | 29°C                       |
| Afternoon    | ENE               | 26 km/h             | Moderate Chop            | Small waves         | 0.9 m          | NE / 5sec                     | NE / 4sec                     | NE / 5sec                     | 29°C                       |
| Evening      | ENE               | 31 km/h             | Choppy                   | Small waves         | 1.1 m          | E / 5sec                      | E / 4sec                      | E / 4sec                      | 29°C                       |
| Tue 27 Oct 2 | 2009              |                     |                          |                     |                |                               |                               |                               |                            |
| Night        | ENE               | 29 km/h             | Moderate Chop            | Small waves         | 1.3 m          | E / 5sec                      | E / 4sec                      | E / 5sec                      | 29°C                       |
| Morning      | ENE               | 33 km/h             | Choppy                   | Small waves         | 1.4 m          | NE / 5sec                     | NE / 5sec                     | NE / 5sec                     | 29°C                       |
| Afternoon    | ENE               | 31 km/h             | Choppy                   | Small waves         | 1.5 m          | NE / 5sec                     | NE / 5sec                     | NE / 5sec                     | 29°C                       |
| Evening      | E                 | 37 km/h             | Choppy                   | Medium waves        | 1.6 m          | E / 5sec                      | E / 5sec                      | NE / 5sec                     | 29°C                       |
| Wed 28 Oct   | 2009              |                     |                          |                     |                |                               |                               |                               |                            |
| Night        | ENE               | 32 km/h             | Choppy                   | Medium waves        | 1.7 m          | E / 5sec                      | E / 5sec                      | E / 6sec                      | 29°C                       |
| Morning      | NE                | 31 km/h             | Choppy                   | Medium waves        | 1.5 m          | NE / 5sec                     | NE / 5sec                     | NE / 6sec                     | 29°C                       |
| Afternoon    | ENE               | 30 km/h             | Choppy                   | Small waves         | 1.4 m          | NE / 5sec                     | NE / 4sec                     | NE / 6sec                     | 29°C                       |
| Evening      | ENE               | 37 km/h             | Choppy                   | Small waves         | 1.5 m          | NE / 5sec                     | NE / 5sec                     | NE / 5sec                     | 29°C                       |
| Night        | ENE               | 30 km/h             | Moderate Chop            | Medium waves        | 1.6 m          | NE / 5sec                     | NE / 4sec                     | NE / 5sec                     | 29°C                       |

**Notes:** The significant wave height is defined as the average of the highest 1/3rd of the waves. The maximum wave height is the average of the highest 1% of the waves. Period is in seconds.

- Night is considered from local midnight to 6am local time
- Morning is considered from 6am to 12pm local time
- Afternoon is considered from 12pm to 6pm local time
- Evening is considered from 6pm local time to midnight

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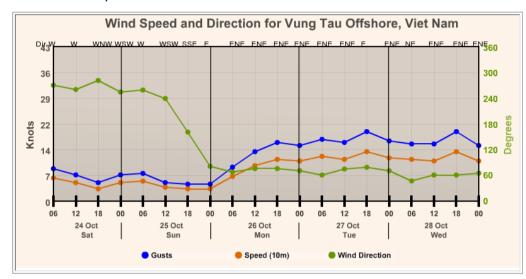
### Forecast Information

Client: CustomWeather Demo

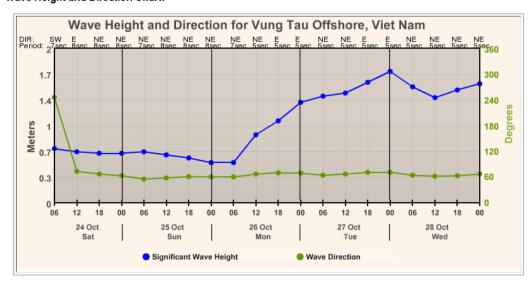
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## Wind Direction and Speed Chart:



## Wave Height and Direction Chart:



# NOTES:

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