



## Meteorological Directorate

# LOCAL AREA FORECAST

### LOCAL AREA FORECAST FOR 50KM RADIUS CENTERED ON BAHRAIN INTERNATIONAL AIRPORT

|  |                                  |                                     |                  |
|--|----------------------------------|-------------------------------------|------------------|
| Valid from 15:00 UTC on 01/20/2018 to 03:00 UTC on 01/21/2018      |                                  |                                     |                  |
| <b>Synopsis:</b> Ridge of high pressure covers the forecast areas. |                                  |                                     |                  |
| <b>Warnings:</b> For strong winds.                                 |                                  |                                     |                  |
| <b>Winds and Temperature</b>                                       |                                  | <b>Cloud</b>                        |                  |
| <b>SURFACE:</b> NW'ly 13 to 18kt reaching 20 to 25kt at times.     |                                  | FEW/SCT SC base 2500ft tops 4500ft. |                  |
| 1000FT   | <b>33020/25</b>                  | <b>PS16</b>                         |                  |
| 2000FT   | <b>33020/25</b>                  | <b>PS13</b>                         |                  |
| FL050  | <b>33025</b>                     | <b>PS04</b>                         |                  |
| FL100  | <b>30030</b>                     | <b>PS01</b>                         |                  |
| FL180  | <b>29045</b>                     | <b>MS14</b>                         |                  |
| FL240  | <b>29060</b>                     | <b>MS26</b>                         |                  |
| FL300  | <b>29055</b>                     | <b>MS41</b>                         |                  |
| FL340  | <b>28055</b>                     | <b>MS48</b>                         |                  |
| FL390  | <b>28065</b>                     | <b>MS53</b>                         |                  |
| <b>Visibility</b> 3000m to 07km, but 1000 to 3000m at first.       |                                  |                                     |                  |
| <b>Weather</b> Cool and dust haze with rising sand in places.      |                                  |                                     |                  |
| 0 Deg. C Isotherm  | <b>FL 100</b>                    |                                     |                  |
| Contrails  | <b>FL270 and above.</b>          |                                     |                  |
| Tropopause   | <b>FL 550</b>                    | MS 74 °C                            |                  |
| Airframe Icing   | <b>Nil.</b>                      |                                     |                  |
| Sun Rise   | <b>03:26 UTC</b>                 | Sun Set                             | <b>14:12 UTC</b> |
| <b>Outlook for the following 12 hours</b>                          |                                  |                                     |                  |
| Little change.   |                                  |                                     |                  |
| Remarks  |                                  |                                     |                  |
| Nil.   |                                  |                                     |                  |
| <b>Date</b>  | <b>01/20/2018 Time 14:45 UTC</b> | Sr. Meteorologist                   | YSR              |

#### Meteorological Directorate

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