



**Australian Government**  
**Bureau of Meteorology**

**Tropical Cyclone *Hubert***

6-12 January 1996

Perth Tropical Cyclone Warning Centre  
Bureau of Meteorology

**A. Summary**

TC *Hubert* began as a disorganised cloud cluster near Christmas Island on 3 January. *Hubert* began to track west southwest and developed rapidly as a small system during 7 and 8 January. *Hubert* reached cyclone status at 1300 UTC on 7 January and severe cyclone status at 0400 UTC on 8 January. *Hubert* then maintained Category 3 intensity as it continued to track west southwest. Overnight on 9 January *Hubert* sheared apart and began to weaken, passing in the Mauritius area of responsibility and was renamed *Coryna*. The system lost cyclone status during the afternoon of 11 January. The low-level remains of *Hubert/Coryna* continued on a westerly track along 15°S finally dissipating on 12 January.

**B. Meteorological Description**

*Intensity analysis*

*Hubert* formed from a westward-moving cloud cluster which was near Christmas Island on 3 January. A low-level circulation in a weak monsoon trough began to form around 2200 UTC 6 January. The low reached tropical cyclone intensity at 1300 UTC 7 January while being steered towards the west- southwest by the middle-level subtropical ridge. *Hubert* produced gale-force winds at Cocos Islands from 2200 UTC 7 January to 0100 UTC 8 January as it passed about 100 km to the north of the Islands. Its direction of motion remained constant throughout its lifetime and it reached the severe category three stage at 0400 UTC 8 January. *Hubert* maintained category three intensity until 1600 UTC 9 January after which the convection began shearing off the low-level centre as it moved beneath a region of strong upper winds.

*Motion and Structure*

TC *Hubert* was steered west southwest under the influence of a middle level ridge to the south during its life cycle. When sheared the low level circulation continued to move west under the influence of a low to middle level ridge to the south.

**C. Impact**

There was no known impact associated with TC *Hubert*.

**D. Observations**

*Wind/Pressure*

Maximum wind gust reported: 95 km/h at 0100 UTC on 8 January at Cocos Island  
Minimum central pressure: 970 hPa.

*Rainfall*

Maximum rainfall reported:

162 mm in 24 hours to 9 am 8 January at Cocos Island airport

**Table 1. Best track summary for *Hubert*, 6 – 12 January 1996**

Note: Add 8 hours to convert to WST. Refer to best track database for complete track details.

| Year | Month | Day | Hour (UTC) | Position Latitude S | Position Longitude E | Max wind 10min knots | Central Pressure hPa | Rad. of Gales nm |
|------|-------|-----|------------|---------------------|----------------------|----------------------|----------------------|------------------|
| 1996 | 01    | 6   | 2200       | 10.2                | 99.6                 |                      | 1006                 |                  |
| 1996 | 01    | 7   | 0100       | 10.3                | 99.1                 | 20                   | 1004                 |                  |
| 1996 | 01    | 7   | 0400       | 10.5                | 98.8                 | 25                   | 1002                 |                  |
| 1996 | 01    | 7   | 0700       | 10.7                | 98.5                 | 25                   | 1000                 |                  |
| 1996 | 01    | 7   | 1000       | 10.9                | 98.2                 | 30                   | 998                  |                  |
| 1996 | 01    | 7   | 1300       | 11.0                | 97.8                 | 35                   | 995                  | 55               |
| 1996 | 01    | 7   | 1600       | 11.1                | 97.5                 | 40                   | 990                  | 55               |
| 1996 | 01    | 7   | 1900       | 11.2                | 97.1                 | 45                   | 985                  | 55               |
| 1996 | 01    | 7   | 2200       | 11.3                | 96.7                 | 55                   | 980                  | 55               |
| 1996 | 01    | 8   | 0100       | 11.4                | 96.4                 | 60                   | 975                  | 60               |
| 1996 | 01    | 8   | 0400       | 11.5                | 96.0                 | 65                   | 970                  | 70               |
| 1996 | 01    | 8   | 0700       | 11.8                | 95.6                 | 65                   | 970                  | 70               |
| 1996 | 01    | 8   | 1000       | 12.0                | 95.2                 | 70                   | 965                  | 70               |
| 1996 | 01    | 8   | 1300       | 12.2                | 94.5                 | 70                   | 965                  | 70               |
| 1996 | 01    | 8   | 1600       | 12.5                | 94.0                 | 70                   | 965                  | 80               |
| 1996 | 01    | 8   | 1900       | 12.9                | 93.5                 | 70                   | 965                  | 80               |
| 1996 | 01    | 8   | 2200       | 13.2                | 92.9                 | 75                   | 960                  | 80               |
| 1996 | 01    | 9   | 0100       | 13.6                | 92.4                 | 75                   | 960                  | 80               |
| 1996 | 01    | 9   | 0400       | 13.7                | 91.8                 | 75                   | 960                  | 80               |
| 1996 | 01    | 9   | 0700       | 13.8                | 91.3                 | 80                   | 955                  | 80               |
| 1996 | 01    | 9   | 1000       | 13.8                | 90.8                 | 75                   | 960                  | 80               |
| 1996 | 01    | 9   | 1300       | 13.8                | 90.3                 | 70                   | 965                  | 80               |
| 1996 | 01    | 9   | 1600       | 13.9                | 89.8                 | 65                   | 970                  | 80               |
| 1996 | 01    | 9   | 1900       | 14.0                | 89.3                 | 60                   | 975                  | 80               |
| 1996 | 01    | 9   | 2200       | 14.2                | 88.8                 | 60                   | 975                  | 80               |
| 1996 | 01    | 10  | 0100       | 14.4                | 88.3                 | 55                   | 980                  | 70               |
| 1996 | 01    | 10  | 0400       | 14.6                | 87.7                 | 55                   | 980                  | 70               |
| 1996 | 01    | 10  | 0700       | 14.8                | 87.1                 | 45                   | 985                  | 70               |
| 1996 | 01    | 10  | 1000       | 14.8                | 86.3                 | 45                   | 985                  | 55               |
| 1996 | 01    | 10  | 1300       | 14.8                | 85.9                 | 40                   | 990                  | 55               |
| 1996 | 01    | 10  | 1600       | 14.7                | 85.3                 | 40                   | 990                  | 55               |
| 1996 | 01    | 10  | 1900       | 14.6                | 84.8                 | 40                   | 990                  | 55               |
| 1996 | 01    | 10  | 2200       | 14.5                | 84.3                 | 40                   | 990                  | 55               |
| 1996 | 01    | 11  | 0100       | 14.4                | 83.8                 | 40                   | 990                  |                  |
| 1996 | 01    | 11  | 0400       | 14.4                | 83.2                 | 35                   | 995                  |                  |
| 1996 | 01    | 11  | 0700       | 14.6                | 82.5                 | 35                   | 995                  |                  |
| 1996 | 01    | 11  | 1000       | 14.7                | 81.8                 | 35                   | 995                  |                  |
| 1996 | 01    | 11  | 1300       | 14.8                | 81.1                 | 30                   | 998                  |                  |
| 1996 | 01    | 11  | 1600       | 14.8                | 80.4                 | 30                   | 998                  |                  |
| 1996 | 01    | 11  | 1900       | 14.9                | 79.7                 | 30                   | 998                  |                  |
| 1996 | 01    | 11  | 2200       | 14.9                | 79.0                 | 30                   | 998                  |                  |
| 1996 | 01    | 12  | 0100       | 15.0                | 78.3                 | 25                   | 1000                 |                  |
| 1996 | 01    | 12  | 0400       | 15.0                | 77.6                 | 25                   | 1000                 |                  |
| 1996 | 01    | 12  | 0700       | 15.0                | 76.9                 | 25                   | 1000                 |                  |
| 1996 | 01    | 12  | 1000       | 15.0                | 76.2                 | 25                   | 1000                 |                  |
| 1996 | 01    | 12  | 1300       | 15.0                | 75.5                 | 20                   | 1004                 |                  |

Figure 1. Track of Tropical Cyclone 7 – 12 January 1996  
All times in WST.

