

### 3B.3

## HURRICANES IOKE (2006) AND FLOSSIE (2007): EXAMPLES OF RECENT OPERATIONS AT CPHC

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### 1. INTRODUCTION

The Central Pacific Hurricane Center (CPHC) is collocated with the National Weather Service (NWS) Forecast Office in Honolulu, Hawaii. In addition to providing advisory products when a tropical cyclone is in the CPHC Area of Responsibility (AOR), the forecasters at the Forecast Office in Honolulu routinely issue public, aviation, marine, and other specialized diagnostic and forecast weather products for Hawaii, as well as vast areas of the Pacific Ocean.

Recently, the forecasters at CPHC have been able to take advantage of the improvements in hurricane track forecast and intensity models, satellite technology, information technology, and training to provide better forecasts of tropical cyclones that occur north of the equator between 140°W and the Dateline. The 2006 and 2007 hurricane seasons will be used to illustrate some of these improvements. Hurricanes Ioke of 2006 (Fig. 1) described by Nash et al. (2007) and Flossie of 2007 (Fig. 2) discussed by Craig et al. (2008) were major parts of these seasons.

### 2. REFERENCES

Nash, A., T. Craig, S. Houston, R. Matsuda, J. Powell, R. Tanabe, J. Weyman, 2007: 2006 Tropical Cyclones Central North Pacific. NOAA Tech. Memo. NWSTM PR-54.

<http://www.prh.noaa.gov/cphc/summaries/2006.php>

Craig, T., S. Houston, W. Browning 2008: 2007 Tropical Cyclones Central North Pacific.

<http://www.prh.noaa.gov/cphc/summaries/2007.php>

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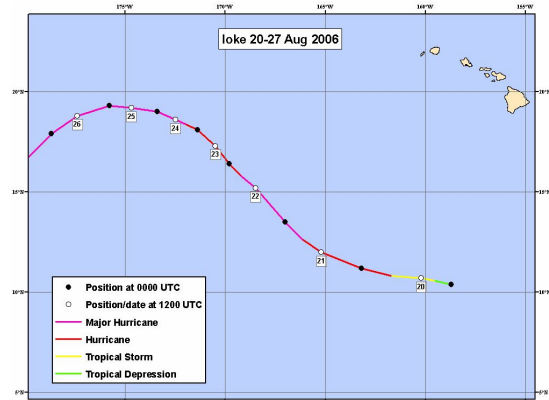


Fig. 1. Hurricane Ioke's track in the Central North Pacific during 20-27 August 2006.

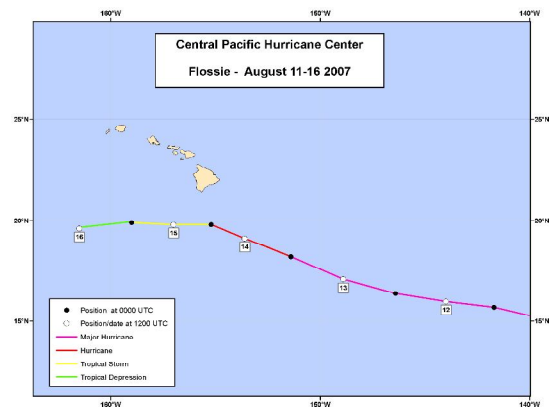


Fig. 2. Hurricane Flossie's track in the Central North Pacific during 11-16 August 2007.