FOCI 2000, LEG 2    RONALD H. BROWN

## WEATHER OBSERVATIONS

| CAST # | Date GMT | Time UTC | Temperature Dry | Temperature Wet | Bar Press (mb) | Seas (Code) | VIS (Code) | Winds Dir (T) | Winds Speed (Kts) | Clouds Amount | Clouds Type (Code) | Weather (Code) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 (M4) | 18 SEP00 | 0307 | 8.0 | 5.2 | 1022.1 | 3 | 7 | 050 | 10 | 6 | 8,6 | 2 |
| 02 (M4) | 18 Sep | 0717 | 7.9 | 5.2 | 1022.6 | 3 | 7 | 070 | 12 | 7 | 8,6 | 1 |
| 03 (M4-North) | 18 SEP | 1110 | 6.9 | 4.7 | 1023.1 | 3 | 7 | 005 | 10 | 7 | 8,6 | 1 |
| 04 (M4-West) | 18 SEP | 1326 | 7.2 | 4.8 | 1023.0 | 3 | 7 | 340 | 08 | 8 | 6 | 2 |
| 05 | 18 SEP | 1614 | 8.1 | 5.5 | 1022.0 | 3 | 7 | 025 | 10 | 7 | 6,8 | 1 |
| 06 | 18 Sep | 1915 | 7.2 | 4.8 | 1021.5 | 3 | 7 | 030 | 06 | 7 | 6,8 | 1 |
| 07 | 18 SEP | 1942 | 8.3 | 5.6 | 1021.4 | 3 | 7 | 025 | 08 | 7 | 6 | 2 |
| 08 (M2) | 20 SEP | 0417 | 10.0 | 9.2 | 1012.5 | 3 | 7 | 130 | 14 | 6 | 6,3 | 2 |
| 09 (M2) | 20 SEP | 1425 | 10.0 | 9.5 | 1010.6 | 3 | 7 | 165 | 15 | 8 | 6 | 5,2 |
| 10 (M2) | 20 SEP | 1459 | 9.8 | 9.5 | 1010.6 | 3 | 7 | 160 | 14 | 8 | 6 | 6,2 |
| 11 (M2 after daylgt) | 21 SEP | 0252 | 10.3 | 10.2 | 1001.6 | 4 | 6 | 170 | 14 | 8 | 7 | 6,2 |
| 12 | 21 SEP | 0713 | 10.1 | 9.8 | 1002.7 | 3 | 7 | 200 | 14 | 8 | 7 | 2 |
| 13 | 21 SEP | 0904 | 9.5 | 9.0 | 1005.5 | 4 | 7 | 220 | 14 | 6 | 7 | 2 |
| 14 | 21 SEP | 1732 | 10.0 | 8.4 | 1005.5 | 4 | 6 | 215 | 22 | 7 | 6 | 1 |
| 15 | 24 SEP | 0136 | 10.0 | 8.5 | 1010.6 | 5 | 7 | 240 | 20 | 8 | 6,7 | 2 |
| 16 | 22 SEP | 0205 | 9.7 | 8.6 | 1010.7 | 5 | 7 | 230 | 21 | 8 | 6,7 | 2 |

If sky is not visible, cloud amount = 8; otherwise cloud amount should be recorded in eights (example: Cloud Amount - 3/8; Record 3

| CODE | Weather |
|---|---|
| 0 | Clear |
| 1 | Partly Cloudy |
| 2 | Continuous Clouds |
| 3 | Blowing Snow |
| 4 | Fog, thick dust, haze |
| 5 | Drizzle |
| 6 | Rain |
| 7 | Snow or rain/snow mix |
| 8 | Showers |
| 9 | Thunderstorms |

| CODE | Cloud Type |
|---|---|
| 0 | Cirrus |
| 1 | Cirrocumulus |
| 2 | Cirrostratus |
| 3 | Altocumulus |
| 4 | Altostratus |
| 5 | Nimbostratus |
| 6 | Stratocumulus |
| 7 | Stratus |
| 8 | Cumulus |
| 9 | Cumulonimbus |

| CODE | Visibility (nm) |
|---|---|
| 0 | < 0.02 |
| 1 | 0.02 - 0.10 |
| 2 | 0.10 - 0.25 |
| 3 | 0.25 - 0.50 |
| 4 | 0.50 - 1.00 |
| 5 | 1.00 - 2.0 |
| 6 | 2.00 - 5.00 |
| 7 | 5.00 - 10.00 |
| 8 | 10.00 - 25.00 |
| 9 | > 25.00 |

| CODE | SEA STATE (ft) | | |
|---|---|---|---|
| 0 | 0.00 | feet | - Glassy |
| 1 | 0.0 - 0.3 | feet | - Rippled |
| 2 | 0.3 - 1.6 | feet | - Wavelet |
| 3 | 1.6 - 4.1 | feet | - Slight |
| 4 | 4.1 - 8.2 | feet | - Moderate |
| 5 | 8.2 - 13.1 | feet | - Rough |
| 6 | 13.1 - 19.7 | feet | - Very Rough |
| 7 | 19.7 - 29.5 | feet | - High |
| 8 | 29.5 - 45.9 | feet | - Very High |
| 9 | >45.9 | feet | - Phenomenal |

FOCI 2000, LEG 2        RONALD H. BROWN

WEATHER OBSERVATIONS

| CAST # | Date | Time UTC | Temperture Dry | Temperture Wet | Bar Press (mb) | Seas (Code) | VIS (Code) | Winds Dir (T) | Winds Speed (Kts) | Clouds Amount | Clouds Type (Code) | Weather (Code) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | 22 Sep | 0602 | 9.5 | 8.9 | 1013.9 | 4 | 7 | 245 | 12 | 6 | 6 | 1 |
| 18 | 22 Sep | 0855 | 9.5 | 9.1 | 1016.2 | 4 | 7 | 270 | 10 | 6 | 6 | 1 |
| 19 | 22 Sep | 1305 | 8.7 | 7.9 | 1017.5 | 4 | 8 | 305 | 20 | 8 | 6 | 2 |
| 20 | 22 Sep | 1632 | 9.0 | 7.0 | 1018.0 | 3 | 7 | 320 | 15 | 7 | 4,6 | 1 |
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If sky is not visible, cloud amount = 9; otherwise cloud amount shoud be recorded in eights (example: Cloud Amount - 3/8; Record 3

| CODE | SEA STATE (ft) | | | Visibility (nm) | Cloud Type | Weather | CODE |
|---|---|---|---|---|---|---|---|
| 0 | 0.00 | feet | - Glassy | < 0.02 | Cirrus | Clear | 0 |
| 1 | 0.0 - 0.3 | feet | - Rippled | 0.02 - 0.10 | Cirrocumulus | Partly Cloudy | 1 |
| 2 | 0.3 - 1.6 | feet | - Wavelet | 0.10 - 0.25 | Cirrostratus | Continuous Clouds | 2 |
| 3 | 1.6 - 4.1 | feet | - Slight | 0.25 - 0.50 | Altoclumulus | Blowing Snow | 3 |
| .4 | 4.1 - 8.2 | feet | - Moderate | 0.50 - 1.00 | Altostratus | Fog, thick dust, haze | 4 |
| 5 | 8.2 - 13.1 | feet | - Rough | 1.00 - 2.0 | Nimbostratus | Drizzle | 5 |
| 6 | 13.1 - 19.7 | feet | - Very Rough | 2.00 - 5.00 | Stratocumulus | Rain | 6 |
| 7 | 19.7 - 29.5 | feet | - High | 5.00 -10.00 | Stratus | Snow or rain/snow mix | 7 |
| 8 | 29.5 - 45.9 | feet | - Very High | 10.00 - 25.00 | Cumulus | Showers | 8 |
| 9 | >45.9 | feet | - Phenomenal | > 25.00 | Cumulonmbus | Thunderstorms | 9 |