| Cast # | Date | Time | Temp | Temp. (°C) | Press. | Seas | Vis | Ä | Winds | | Clouds | Weather |
|--------|---------|-------|------|------------|--------|--------|--------|-------------|---------------------------------------|--------|-------------|----------|
| | | (GMT) | Dry | Wet | (mb) | (cope) | (CODE) | Dirn (true) | Speed (kts) | Amt :: | Type (CODE) | (CODE) |
| 1 | - 000 m | | | 2.9 | 1 100 | | | | 100 | Ĉ | | 3000 |
| | | | | | | | × | * | * * * * * * * * * * * * * * * * * * * | 8 | | |
| | 15 May | 1826 | 4.3 | 3,5 | 8.565 | 7 | œ | 011 | 20 | v | و | |
| ŗ | 16 May | 0347 | 5005 | 4.0 | 0.566 | 7 | ∞ | 960 | 60 | 00 | ٠,9 | 14 |
| 3 | 16 MAY | 1338 | 4,8 | 2.9 | 995.0 | 7 | 2 | 7 | 200 | 000 | 7 | 7 |
| 7 | 16 MAY | 2233 | Sie | 4,0 | 495.9 | 3 | 80 | 070 | 7 | 4 | 4/9 | n d |
| لم | 12m21 | 05.25 | 6.2 | 5.0 | 696.1 | 3 | de | 590 | × | , | 9 | |
| 9 | 17 May | HS3 | 1.5 | 4.1 | 997.1 | 3 | 2 | 051 | à | 2 | 9 | |
| 4 | 18 May | 0126 | 5.2 | ۲.۲ | 8.666 | n | 00 | 127 | 27 | ò | 9 | S |
| 8 | 18 MAG | 0758 | 4.5 | 3,8 | 1,001 | 7 | 80 | 0/0 | 4 | B | <u>.</u> | 2/6 |
| 0 | 18 MAY | 2228 | 7.8 | 6.0 | 1004.8 | 17 | 4 | 05000 | 6 | × | À | |
| 9 | JAWA A | 6 | | | | | | | | | | 1 |
| 60 | | | | | | | | | | | | |
| 1 | 19 MAY | 1.500 | 8.0 | 6.2 | 1005.6 | 3 | 2 | 340 | 07 | ÚX. | و | 2 |
| 7 | MANT | 1041 | 5.5 | 4.5 | 9 £001 | 4 | à | 310 | 0/ | 8 | H. | 1 |
| 13 | tomas | 1115 | 5.0 | 4.5 | 5 too) | 7 | * | 200 | 12 | 8 | 4 | Y |

** IF SKY IS NOT VISIBLE, CLOUD AMOUNT = 9; OTHERWISE CLOUD AMOUNT SHOULD BE RECORDED IN EIGHTHS (EXAMPLE: CLOUD AMOUNT = 3/8; RECORD 3)

| 94 | OOOAAZ | CIPRUS CIPROCUMULUS CIPROCUMULUS ALTOCUMULUS ALTOSTRATUS | CLEAR SOLDY ST. CONTINUOUS CLOUDS BLOWING SNOW FOG, THICK DUST, HAZE | 3 4 |
|--|--|--|---|---------|
| # 0.0 - 0.3 feet Rippled # #00702 #001050 0.3 - 1.6 feet Wavelet # 00010 00.25 1.6 - 4.1 feet Slight # = 00.25 00.50 4.1 - 8.2 feet Moderate # 00.50 91.00 8.2 - 13.1 feet Rough # #02.00 02.002 | OOAAZ | PROCUMULUS TOCUMULUS TOSTRATUS | PARTICIO DOVER TELES CONTINUOUS CLOUDS BLOWING SNOW FOG, THICK DUST, HAZE | £ 2 8 4 |
| 1.6 - 4.1 feet. Wavelet \$ 00.10 00.25 1.0 0.50 1.0 00.25 1.0 0.50 1.0 0.0 0.50 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | DIAIAIZ | PROSTRATUS TOCUMULUS TOSTRATUS | CONTINUOUS CLOUDS BLOWING SNOW FOG, THICK DUST; HAZE | 3 4 |
| 1.6 - 4.1 feet Slight # < 00.25 00.50; 4.1 - 8.2 feet Moderate F.00.50 91.00 82 - 13.1 feet Prough # 02.00 95.00; 13.1 - 19.7 feet Very Rough # 02.00 95.00; 13.1 - 19.7 feet Very Rough 4.02.00 95.00; | 4 4 2 | TOCUMULUS | BLOWING SNOW FOG, THICK DUST; HAZE | € 4 |
| 4.1 - 8.2 feet Moderate | 8 2 | TOSTRATUS | FOG, THICK DUST, HAZE | 4 |
| 1 feet Prough 74 20100 - 02.002 1 feet Pery Rough 7 02.00 2 05 00 | 00 - 02 00 NI | | | 1 |
| leet Very Rough; 4 02 00 % 05 00. | The state of the s | MIMBOSTRATUS | DRIZZE Y | ٥ |
| | 00 × 02 00 | STRATOCUMULUS RAIN | FAIN | 9 |
| 1. 20 1. 29.5 (ee) (high 54 - 10500 10.00) STR | 100.01 TO | STRATUS | SNOW OF PAINSNOW MIX | 27% |
| 29.5 45.9 feet Very High 10.60 25.00 CUN | 25.00 | CUMULUS | SHOWERS | 8 |
| . 9 ★ > 45.9 feet - Phenomenal > 25.00 CUIN | 55- | CUMULONIMBUS | THUNDERSTORMS | 6 |
| NO OBSERVATION NO OBSERVATION NO OBSERVATION NO OBSERVATION | BSERVATION NO | OBSERVATION | NO OBSERVATION | |

5

| | Cast # | Date | Time | Temp | Temp. (°C) | Press. | Seas | Vis | Wil | Winds | | Clouds | Weather |
|---|--------|-----------|-------|------|------------|--------|--------|-----|-------------|-------------|-----|--------|------------|
| 19 MAY 1530 6.1 5.0 1007.5 4 7 326 08 8 7 1 19 MAY 1532 5.9 4.9 1008.0 4 7 311 099 8 6 1 1 19 MAY 1532 5.9 4.9 1009.0 4 7 320 10 8 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | (GMT) | Dry | Wet | (mp) | (CODE) | | Dirn (true) | Speed (kts) | Amt | | (CODE) |
| 19 may 1532 5.9 4.9 1008.5 4 7 311 099 8 6 19 may 2041 5.0 3.2 1009.0 4 7 3350 08 8 6 20 may 2041 5.0 3.2 1009.0 4 7 3350 08 8 6 20 may 130 5.5 4.5 1008.0 4 7 345 100 8 6 20 may 130 5.0 4.1 1008.0 3 7 190 07 8 6 20 may 130 5.0 4.1 1008.0 3 7 190 07 8 6 21 may 0135 3.0 2.0 1009.7 3 7 346 14 8 6 21 may 1520 3.1 1010.0 4 7 346 10 8 6 21 may 1520 3.1 1011.5 3 7 300 20 3 8 8 | + | 19 1144 | 1330 | 1.9 | 5.0 | 1007.5 | 7 | + | 326 | 200 | | rt | in the |
| 19 may 1802 5:3 4.4 1008.0 4 7 330 08 8 6 20 M3 may 2041 5.0 3.2 1009.0 4 7 330 08 8 6 20 M3 may 2052 4.0 3.1 1009.0 4 7 326 16 8 6 20 may 2052 4.0 3.1 1009.0 4 7 345 10 8 6 20 may 1306 5.0 4.1 1008.0 3 7 165 04 8 6 20 may 1306 5.0 4.0 1009.0 3 7 190 07 8 6 21 may 1328 5.0 4.0 1009.0 4 7 346 14 8 6 21 may 1520 3.1 1.1 1010.0 4 7 346 14 8 6 21 may 1520 3.1 1.1 1010.0 4 7 346 14 8 6 21 may 1520 3.1 1.1 1010.5 3 7 330 08 8 6 21 may 1520 3.1 1.1 1010.5 3 7 300 20 3 8 | 5 | 19 MAY | 1532 | 5.9 | 4.9 | 100¥.5 | 7 | t | = 00 | 60 | 00 | 9 | 100 |
| 20 MB MAY 2041 5.0 3.2 1009.0 4 7 330 08 8 6 20 MB MAY 2050 4.1 3.1 1009.2 4 7 326 16 8 6 20 MAY 2050 4.1 3.1 1009.0 4 7 326 16 8 6 20 MAY 1035 4.5 1008.0 3 7 165 04 8 6 20 MAY 1358 5.9 4.0 1008.0 3 7 198 06 8 6 21 MAY 1358 5.9 4.0 1008.0 3 7 198 06 8 6 21 MAY 1358 3.0 2.1 1016.0 4 7 346 14 8 6 21 MAY 1358 3.0 2.0 1008.7 3 7 336 08 8 6 21 MAY 1358 4.6 1016.5 3 7 336 10 8 8 6 21 MAY 1358 3.0 2.0 1008.7 3 7 336 10 8 8 6 | 9 | 19 MAY | | | 4.4 | 1008.0 | 7 | 9 | 700 | 17 | ò | 7 | V. |
| 20 MB MAY 0050 4,1 3,1 1009.2 4 7 326 16 8 6 20 may 1358 5.9 4.5 1008.0 3 7 165 04 8 6 20 may 1358 5.9 4.0 1009.4 3 7 146 06 8 6 20 may 1358 5.9 4.0 1009.4 3 7 198 06 8 6 21 may 0135 3.0 2.1 1010.0 4 7 3.46 14 8 6 21 may 1520 3.1 1.1 1011.5 3 7 330 08 8 6 21 may 1520 3.1 1.1 1011.5 3 7 300 20 3 8 6 | ti | 19 m A ? | 1hoc | 5.0 | 3.2 | 1009.0 | 7 | 4 | 330 | 00 | 00 | و | 2 |
| 20 mgr 0452 4.0 3.1 1009.0 4 7 295 100 8 6 50 mdy 1035 4.5 1008.0 3 7 165 04 8 6 50 mdy 1358 5.9 4.1 1008.0 3 7 190 07 8 6 50 mdy 1358 5.9 4.0 1009.4 3 7 190 07 8 6 50 50 mdy 1457 5.0 4.0 1009.0 3 7 190 06 8 6 50 50 mdy 1457 5.0 4.0 1009.0 3 7 190 08 8 6 50 50 mdy 1520 3.1 1.1 1010.0 4 7 346 14 8 6 50 50 3.1 1.1 1011.5 3 7 330 08 8 6 50 50 mdy 1550 3.1 1.1 1011.5 3 7 300 20 20 20 2 8 | 200 | 20 Mg may | 0000 | 4.1 | 3.1 | 1009.2 | 4 | 4 | 326 | 16 | 20 | . 9 | CX. |
| 20 may 1358 4.5 1008.9 4 6 380 00, 8 6 20 may 1358 5.9 4.0 1008.0 3 7 165 04 8 6 6 20 may 1358 5.9 4.0 1007.4 3 7 198 06 8 6 20 may 1457 5.0 4.0 1007.0 3 7 198 06 8 6 21 may 0135 3.0 2.1 1010.0 4 7 346 14 8 6 31 1.1 1011.5 3 7 330 08 8 6 31 may 1957 4.85 4.0 1008.7 3 7 300 20 20 2 8 | 6 | | | 4.0 | 3.6 | 1009.0 | ד | 2 | 295 | 0 | ۵ | 7 | - E |
| 20 may 1306 5.0 4.1 1008.0 3 7 166 04 8 6 20 may 1358 5.9 4.0 1009.4 3 7 198 06 8 6 20 may 1457 5.0 4.0 1009.4 3 7 198 06 8 6 21 may 0135 3.0 2.1 1010.0 4 7 3.46 14 8 6 21 may 1520 3.1 1.1 1011.5 3 7 330 08 8 6 21 may 15513 3.0 2.0 1008.7 3 6 315 10 8 8 6 21 may 1957 4.85 4.0 1011.5 3 7 300 20 20 2 8 | 30 | 20 m4 y | 1080 | 5.5 | 4.5 | 1008.9 | 4 | و | 280 | 00 | 000 | د. ا | No. |
| 20 may 1356 5.0 4.1 1008.0 3 7 190 07 8 6 50 may 1358 5.9 4.0 1007.4 3 7 198 06 8 6 50 20 may 1358 5.9 4.0 1007.0 3 7 1010.0 8 7 8.46 14 8 6 31 may 1520 3.1 1.1 1011.5 3 7 330 08 8 6 31 may 1520 3.0 1008.7 3 6 315 10 8 10 8 6 31 may 1957 4.85 4.0 1018.5 3 7 300 20 20 2 8 | 7 | sommer. | 1036 | | 3.6 | 1,800 | r | 4 | 165 | 40 | 0 | و | で |
| 20 may 1358 5.9 4.0 1004.4 3 7 198 06 8 6 20 may 1457 5.0 4.0 1007.0 3 7 WARABLE - 8 6 6 21 may 0135 3.0 2.1 1010.0 4 7 346 14 8 6 31 may 3313 3.0 2.0 1008.7 3 7 330 08 8 6 31 may 3313 3.0 2.0 1008.7 3 6 315 10 8 6 31 may 1957 4.85 4.0 1011.5 3 7 300 20 20 2 8 | 22 | 20 may | 1306 | 50 | 4. | 1008.0 | 3 | 1 | 061 | 40 | 00 | 9 | 2 |
| 20 may 1457 5.0 4.0 1007.0 3 7 UMBLABLE — 8 6 21 may 0135 3.0 2.1 1010.0 4 7 346 14 8 6 21 may 1520 3.1 1.1 1011.5 3 7 330 08 8 6 21 may 1957 4.85 4.0 1018.5 3 7 300 20 20 2 8 | 23 | | 1358 | 5.9 | 0,7 | 1007.4 | 3 | 4 | 200 | 90 | 80 | و | it was |
| 21 May 6135 3.0 2.1 1010.0 4 7 346 14 8 6 21 May 1520 3.1 1.1 1011.5 3 7 330 08 8 6 21 May 3313 3.0 2.0 1008.7 3 6 315 10 8 6 31 May 1957 4.8.5 4.0 1011.5 3 7 300 20 20 2 8 | 75 | 20 may | 454 | 5.0 | 4.0 | 1007.0 | 3 | t | VARIABLE | | 80 | و | 14 |
| 21 May 1520 3.1 1.1 1011.5 3 7 330 08 8 6 21 May 3313 3.0 2.0 1008.7 3 6 315 10 8 6 31 May 1957 4.85 4.0 1011.5 3 7 300 20 2 8 | 25 | 21 may | 0135 | 0.0 | 2.1 | 1010.0 | т ф | t | 346 | 7.1 | ∞ | 9 | 7. |
| 21 May 3313 3.0 2.0 1008.7 3 6 315 10 8 1 6 31 May 1957 4.8.5 4.0 1011.5 3 7 300 20 2 8 | 36 | 21 may | 1520 | 3.1 | 7. | 1011.5 | к | 4 | 330 | 20 | ch | 9 | Burk |
| 1957 4.8.5 4.0 1011.5 3 7 300 | 27 | 21 May | 2313 | 3,0 | | 1008.7 | 2 | 9 | 315 | 0) | 00 | د | M |
| | 50 | al man | 1953 | 5.99 | | 1011.5 | ~ | 4 | 300 | 20 | 7 | 00 | T. C. BEG. |

** IF SKY IS NOT VISIBLE, CLOUD AMOUNT = 9; OTHERWISE CLOUD AMOUNT SHOULD BE RECORDED IN EIGHTHS

** (EXAMPLE: CLOUD AMOUNT = 3/8; RECORD 3)

| # 0.0 feet、Glassy # 2.5 < ** 00.02 | 800 | SEA STATE (FT) 🛊 🕏 | VISIBILITY (NM) | CLOUD TYPE | WEATHER | 80E |
|--|-------|------------------------|------------------|----------------|-----------------------|-----|
| # 0.0 - 0.3 feet | c : 0 | 0.0 feet : Glassy 🚁 | 70.00 | CIPPLIS | CLEAR *** 1 | 0 |
| 1.6 - 4.1 feet Slight | | - 0.0 事 | \$00.00 400.10 | CIPPOCLMULIS | PARTLY COUDY . 3" | 新 |
| 1.6 - 4.1 feet: Slight: \$\frac{1}{2} = 00.50; ALTOCUMULUS\$ 4.1 - 8.2 feet; Moderate; \$\frac{1}{2} = 00.50; ALTOCUMULUS\$ 8.2 - 13.1 feet; Moderate; \$\frac{1}{2} = 01.00; ALTOSTRATUS\$ 13.1 - 19.7 feet; Moderate; \$\frac{1}{2} = 01.00; ALTOSTRATUS\$ 13.1 - 19.7 feet; Moderate; \$\frac{1}{2} = 01.00; ALTOSTRATUS\$ 13.1 - 19.7 feet; Moderate; \frac{1}{2} = 01.00; ALTOSTRATUS\$ 13.1 - 19.7 feet; Moderate; \frac{1}{2} = 01.00; ALTOSTRATUS\$ 12.9.5 - 45.9 feet; Moderate; \frac{1}{2} = 01.00; ALTOSTRATUS\$ 10.00 | 28 | | S 00 10 5 00 25 | _ | CONTINUOUS CLOUDS | -2: |
| 4.1 - 8.2 feet Moderate | 3.0 | | £00.25 00.50. | | BLOWING SNOW | 3 |
| ## 13.1 - 19.7 feet # Rough 7.4 * 01.00 * 02.00; 13.1 - 19.7 feet # Right 5.4 * 05.00 * 05.00; 13.1 - 19.7 feet # Right 5.4 * 05.00 * 10.00 * 25.00 * 25.00 * 25.00 * NO OBSERVATION NO OBSERVATION | ** | 4 | £ 00 20 5 01 00 | AL TOSTRATUS | FOG, THICK DUST, HAZE | 4 |
| 13.1 - 19.7 feet Very Rough; 10.20 2 05.00 19.7 - 29.5 feet Very High 10.00 25.00 > 45.9 feet - Phenomenal > 25.00 NO OBSERVATION NO OBSERVATION | . 55g | - | * 01:00 * Q5 00* | NIMBOSTRATUS | OPRZZIE * | 9 |
| 29.5 - 45.9 feet Very High 10.00 25.00 25.00 > 45.9 feet - Phenomenal > 25.00 NO OBSERVATION NO OBSERVATION | 16 | 13.1 | 1.02.00 % 05.00 | STRATOCUMULUS | PAIN | 9 |
| 29.5 - 45.9 feet - Phenomenal > 25.00 | 77 | 19.7 - 29.5 (e) High | | STRATUS | SNOW OR RAINSNOW MIX | 17. |
| > 45.9 feet - Phenomenal > 25.00 NO OBSERVATION NO OBSERVATION | 88 | *29.5 - 45.9 feet 3 | 10.00 \$25.00 | CUMULUS | SHOWERS | 8 |
| /ATION NO OBSERVATION | ₹6. | 5. | > 25.00 | CUMULONIMBUS | THUNDERSTORMS | 6 |
| | • | NO OBSERVATION | NO OBSERVATION | NO OBSERVATION | NO OBSERVATION | |