

内部

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# 海洋站观测资料

第 二 册

国家海洋局

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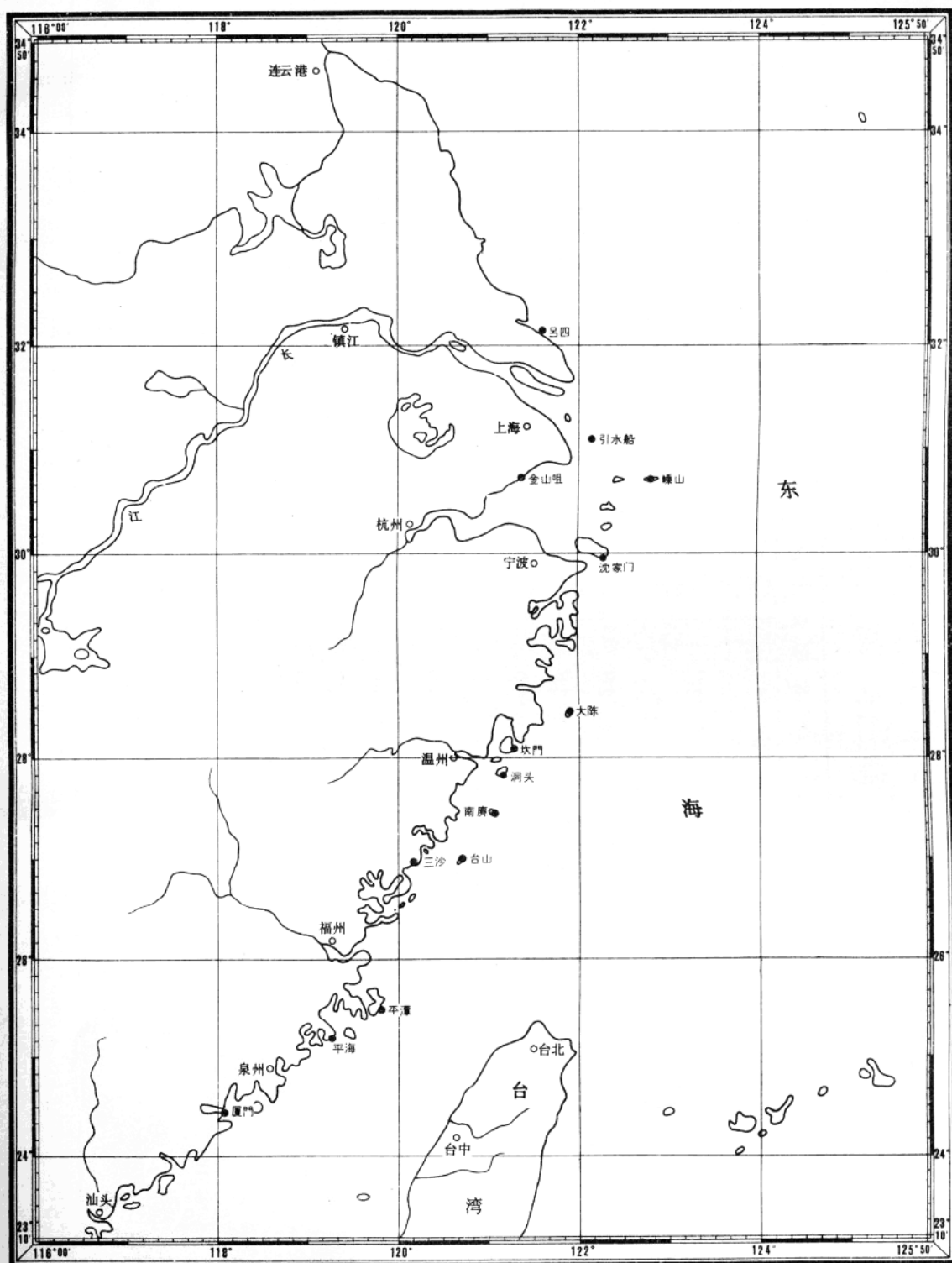
## 前 言

根据各单位的要求，我们编制了《海洋站观测资料》，供有关部门使用。

本资料是根据我局所属海洋站自一九六〇年后观测资料进行整编的。一九七四年以前，水位观测资料按站累年整编出版，其它资料按年逐站整编出版，每年分四册：第一、二、三册分别为南海、东海、北海三个分局所属海洋站观测资料，第四册为某些特定站观测资料。一九七五年以后的资料一至四册与一九七四年以前相同，水位观测资料改为逐年整编，列第五册。台湾省资料暂缺。资料密级：一、二、三册为内部资料，四、五册及各站累年水位资料为秘密资料。

由于水平所限，经验不足，资料编制中有不妥之处，希使用单位予以指正。

# 海洋站分布图



海洋站一览表

| 站名    | 水文要素观测点            |                      | 气象要素观测点            |                      |   | 气象观测海拔高度<br>(米) | 水银(空盒)气压表<br>海拔高度(米) | 波浪观测方法       |
|-------|--------------------|----------------------|--------------------|----------------------|---|-----------------|----------------------|--------------|
|       | 北                  | 东                    | 北                  | 东                    | 经 |                 |                      |              |
| 厦 门   | 24°27'             | 118°04'              | 24°27'             | 118°04'              |   | 63.2            | 60.7                 | 岸用测波仪<br>目 测 |
| 平 海   | 25°11'             | 119°16'              | 25°11'             | 119°16'              |   | 29.1            | /                    |              |
| 平 潭   | 25°27'             | 119°51'              | 25°27'             | 119°51'              |   | 19.2            | 18.7                 |              |
| 三 沙   | 26°58'             | 120°10'              | 26°58'             | 120°10'              |   | /               | /                    | 目 测          |
| 台 山   | 27°00'             | 120°42'              | 27°00'             | 120°42'              |   | 106.6           | 105.9                |              |
| 南 鹿   | 27°27'             | 121°05'              | 27°27'             | 121°05'              |   | 46.0            | /                    |              |
| 洞 头   | 27°51'             | 121°10'              | 27°51'             | 121°10'              |   | 36.0            | /                    | 目 测          |
| 坎 门   | 28°05'             | 121°17'              | 28°05'             | 121°17'              |   | 30.0            | /                    |              |
| 大 陈   | 28°27'             | 121°54'              | 28°27'             | 121°54'              |   | /               | /                    |              |
| 沈 家 门 | 29°57'             | 122°18'              | 29°57'             | 122°18'              |   | 77.2            | 77.9                 | 岸用测波仪<br>目 测 |
| 嵎 山   | 30°45'             | 122°48'              | 30°43'             | 122°48'              |   | 57.0            | 54.0                 |              |
| 金 山 咀 | 30°44'             | 121°22'              | 30°44'             | 121°22'              |   | 4.5             | /                    |              |
| 引 水 船 | 31°05' -<br>31°07' | 122°04' -<br>122°12' | 31°05' -<br>31°07' | 122°04' -<br>122°12' |   | 10.0            | 7.0                  | 目 测          |
| 吕 四   | 32°08'             | 121°37'              | 32°08'             | 121°37'              |   | /               | /                    |              |

## 资 料 说 明

一、本资料为东海分局所属海洋站一九六八年水文气象观测资料。其中包括：表层水温、表层盐度、海发光、海面能见度、海况、波浪以及气压、气温、湿度、云、蒸发、降水、日照、天气现象、风等要素。

二、本资料的观测和整理方法：主要参阅中央气象局一九六四年“海滨水文观测暂行规范”和“地面气象观测规范”。

1. 资料中的小数点整编时均省略。能见度、海况、相对湿度及其统计值为整数；风速（风速为一位小数的引水船、三沙、吕四（1-11月）海洋站除外）、云量（包括日合计）为整数，其统计值为一位小数；洞头、坎门海洋站的表层盐度及统计值为一位小数，其余各站均为两位小数；除以上所述外，其他资料均为一位小数。

2. 表层盐度除引水船海洋站为日平均值外，均为每日14时的观测值。

3. 凡记录有疑问、供参考者，在该记录外加括号，统计结果不加括号。

4. 表头中的“海面能见度”为海面有效能见度。“有效能见度”为地面气象观测中的水平有效能见度。

5. 平海、平潭、三沙、引水船海洋站的气压用空盒气压表测得。

6. 引水船海洋站：①天气现象凡出现“雨”（雨量不论大于或小于0.1mm）均在天气现象摘要栏中摘录，予以出版。②本站不观测积雪、霜、露。

三、本资料所用符号，除按观测规范中所规定的以外，并作如下规定：

1.表头中，湿度栏“度”字右上方有“\*”者，表示湿度未经气压订正。

2.云量 $\square$ 以“10′”表示。

3.凡出现的天气现象用“+”表示。

4.海发光栏中有“\*”者，表示为灯或月。

一九七九年九月

# 目 录

海洋站分布图

海洋站一览表

资料说明

## 水 文 月 报 资 料

|     |     |
|-----|-----|
| 厦 门 | 1   |
| 平 海 | 4   |
| 平 潭 | 16  |
| 三 沙 | 28  |
| 台 山 | 31  |
| 南 鹿 | 43  |
| 洞 头 | 55  |
| 坎 门 | 58  |
| 大 陈 | 61  |
| 沈家门 | 73  |
| 嵎 山 | 76  |
| 金山咀 | 88  |
| 引水船 | 91  |
| 吕 四 | 103 |

## 气 象 月 报 资 料

|     |     |
|-----|-----|
| 厦 门 | 115 |
| 平 海 | 127 |

|     |     |
|-----|-----|
| 平 潭 | 139 |
| 三 沙 | 151 |
| 台 山 | 163 |
| 南 鹿 | 175 |
| 洞 头 | 187 |
| 坎 门 | 199 |
| 大 陈 | 211 |
| 沈家门 | 223 |
| 嵎 山 | 234 |
| 金山咀 | 246 |
| 引水船 | 258 |
| 吕 四 | 270 |

## 厦 门

一 月

| 日期   | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|      | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1    | 127      | 129 | 124 | 127 | 2943            | 31            | 8               | 8  | 8  |
| 2    | 126      | 128 | 125 | 126 | 2918            | 31            | 8               | 8  | 8  |
| 3    | 127      | 131 | 126 | 128 | 2931            | 31            | 8               | 8  | 8  |
| 4    | 126      | 130 | 128 | 128 | 2943            | 31            | 8               | 8  | 8  |
| 5    | 127      | 131 | 130 | 129 | 2938            | 31            | 8               | 8  | 8  |
| 6    | 130      | 131 | 131 | 131 | 2923            | 31            | 7               | 3  | 6  |
| 7    | 131      | 133 | 131 | 132 | 2979            | 31            | 2               | 8  | 8  |
| 8    | 129      | 132 | 129 | 130 | 3010            | 31            | 8               | 8  | 8  |
| 9    | 125      | 136 | 128 | 129 | 3017            | 31            | 8               | 8  | 8  |
| 10   | 124      | 138 | 130 | 129 | 3007            | 0             | 8               | 8  | 8  |
| 11   | 124      | 136 | 128 | 128 | 2997            | 31            | 8               | 8  | 8  |
| 12   | 126      | 135 | 130 | 129 | 2990            | 31            | 8               | 8  | 8  |
| 13   | 128      | 132 | 130 | 130 | 3032            | 31            | 7               | 8  | 8  |
| 14   | 128      | 132 | 129 | 129 | 3017            | 31            | 8               | 8  | 8  |
| 15   | 128      | 132 | 128 | 129 | 2979            | 31            | 8               | 8  | 8  |
| 16   | 125      | 131 | 126 | 127 | 2988            | 31            | 8               | 8  | 8  |
| 17   | 127      | 130 | 127 | 128 | 2940            | 31            | 8               | 8  | 8  |
| 18   | 128      | 129 | 129 | 129 | 2985            | 31            | 8               | 8  | 7  |
| 19   | 130      | 135 | 131 | 132 | 2958            | 31            | 8               | 8  | 8  |
| 20   | 130      | 132 | 131 | 131 | 3050            | 31            | 8               | 8  | 8  |
| 21   | 131      | 135 | 132 | 132 | 2940            | 31            | 8               | 8  | 8  |
| 22   | 129      | 133 | 130 | 130 | 2965            | 31            | 8               | 8  | 8  |
| 23   | 128      | 132 | 132 | 130 | 3019            | 31            | 8               | 8  | 8  |
| 24   | 131      | 134 | 132 | 132 | 2979            | 31            | 8               | 8  | 8  |
| 25   | 130      | 137 | 131 | 132 | 3005            | 31            | 8               | 8  | 8  |
| 26   | 128      | 141 | 133 | 133 | 2985            | 31            | 8               | 8  | 8  |
| 27   | 132      | 137 | 135 | 134 | 2972            | 31            | 8               | 8  | 8  |
| 28   | 133      | 135 | 134 | 134 | 2981            | 31            | 8               | 8  | 8  |
| 29   | 134      | 137 | 136 | 135 | 2952            | 31            | 7               | 8  | 8  |
| 30   | 136      | 136 | 136 | 136 | 3021            | 31            | 8               | 8  | 8  |
| 31   | 135      | 135 | 130 | 134 | 2970            | 32            | 8               | 8  | 8  |
| 上旬平均 | 127      | 132 | 128 | 129 | 2961            |               |                 |    |    |
| 中旬平均 | 127      | 132 | 129 | 129 | 2994            |               |                 |    |    |
| 下旬平均 | 132      | 136 | 133 | 133 | 2981            |               |                 |    |    |
| 月平均  | 129      | 133 | 130 | 130 | 2979            |               |                 |    |    |

二 月

| 日期   | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|      | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1    | 134      | 130 | 128 | 132 | 2999            | 31            | 8               | 8  | 7  |
| 2    | 119      | 125 | 126 | 122 | 3010            | 31            | 8               | 8  | 7  |
| 3    | 126      | 126 | 124 | 126 | 2956            | 31            | 8               | 8  | 8  |
| 4    | 121      | 123 | 122 | 122 | 2969            | 31            | 8               | 6  | 7  |
| 5    | 120      | 121 | 120 | 120 | 2961            | 31            | 8               | 8  | 8  |
| 6    | 119      | 118 | 118 | 119 | 2859            | 31            | 7               | 7  | 8  |
| 7    | 115      | 116 | 115 | 115 | 2951            | 31            | 8               | 7  | 8  |
| 8    | 108      | 112 | 107 | 109 | 2550            | 31            | 8               | 8  | 8  |
| 9    | 104      | 112 | 106 | 107 | 2682            | 31            | 8               | 8  | 8  |
| 10   | 103      | 109 | 108 | 106 | 2590            | 31            | 8               | 8  | 8  |
| 11   | 107      | 112 | 109 | 109 | 2720            | 31            | 8               | 8  | 8  |
| 12   | 106      | 111 | 111 | 109 | 2775            | 31            | 8               | 8  | 8  |
| 13   | 108      | 109 | 108 | 108 | 2804            | 31            | 8               | 8  | 8  |
| 14   | 108      | 108 | 108 | 108 | 2804            | 0             | 5               | 2  | 7  |
| 15   | 107      | 111 | 104 | 107 | 2770            | 0             | 8               | 8  | 8  |
| 16   | 107      | 107 | 105 | 107 | 2718            | 31            | 8               | 8  | 8  |
| 17   | 106      | 106 | 106 | 106 | 2772            | 0             | 8               | 8  | 8  |
| 18   | 105      | 115 | 109 | 109 | 2716            | 0             | 8               | 8  | 8  |
| 19   | 106      | 109 | 105 | 107 | 2833            | 0             | 8               | 8  | 8  |
| 20   | 104      | 106 | 104 | 105 | 2786            | 0             | 8               | 8  | 8  |
| 21   | 102      | 104 | 104 | 103 | 2878            | 0             | 8               | 8  | 8  |
| 22   | 102      | 102 | 102 | 102 | 2664            | 0             | 8               | 7  | 6  |
| 23   | 102      | 106 | 103 | 103 | 2853            | 0             | 8               | 8  | 8  |
| 24   | 100      | 112 | 100 | 103 | 2846            | 0             | 8               | 8  | 8  |
| 25   | 100      | 106 | 105 | 103 | 2833            | 0             | 8               | 8  | 8  |
| 26   | 102      | 106 | 102 | 103 | 2837            | 0             | 8               | 8  | 8  |
| 27   | 104      | 103 | 103 | 104 | 2804            | 0             | 8               | 7  | 3  |
| 28   | 104      | 109 | 108 | 106 | 2812            | 0             | 8               | 8  | 8  |
| 29   | 109      | 116 | 110 | 111 | 2743            | 0             | 8               | 8  | 7  |
| 30   |          |     |     |     |                 |               |                 |    |    |
| 31   |          |     |     |     |                 |               |                 |    |    |
| 上旬平均 | 117      | 119 | 117 | 118 | 2853            |               |                 |    |    |
| 中旬平均 | 106      | 109 | 107 | 108 | 2770            |               |                 |    |    |
| 下旬平均 | 103      | 107 | 104 | 104 | 2830            |               |                 |    |    |
| 月平均  | 109      | 112 | 110 | 110 | 2817            |               |                 |    |    |

三 月

| 日期   | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|      | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1    | 110      | 114 | 108 | 111 | 2765            | 0             | 8               | 8  | 8  |
| 2    | 111      | 115 | 109 | 112 | 2689            | 31            | 8               | 8  | 8  |
| 3    | 106      | 114 | 110 | 109 | 2770            | 0             | 8               | 8  | 8  |
| 4    | 108      | 118 | 112 | 112 | 2763            | 0             | 8               | 8  | 8  |
| 5    | 112      | 121 | 118 | 116 | 2785            | 0             | 8               | 8  | 8  |
| 6    | 115      | 119 | 117 | 117 | 2801            | 0             | 5               | 7  | 7  |
| 7    | 116      | 133 | 122 | 122 | 2730            | 0             | 7               | 8  | 8  |
| 8    | 122      | 126 | 120 | 123 | 2803            | 0             | 8               | 8  | 8  |
| 9    | 116      | 132 | 118 | 121 | 2869            | 0             | 8               | 8  | 8  |
| 10   | 121      | 132 | 134 | 127 | 2871            | 0             | 8               | 8  | 8  |
| 11   | 127      | 129 | 132 | 129 | 2878            | 0             | 8               | 8  | 8  |
| 12   | 124      | 129 | 126 | 126 | 2911            | 0             | 8               | 8  | 8  |
| 13   | 124      | 130 | 129 | 127 | 2911            | 0             | 8               | 8  | 8  |
| 14   | 129      | 133 | 134 | 131 | 2896            | 0             | 8               | 8  | 8  |
| 15   | 134      | 138 | 139 | 136 | 2893            | 0             | 8               | 8  | 8  |
| 16   | 141      | 146 | 144 | 143 | 2877            | 31            | 6               | 8  | 8  |
| 17   | 143      | 142 | 144 | 143 | 2949            | 31            | 8               | 8  | 8  |
| 18   | 142      | 144 | 143 | 143 | 2945            | 31            | 8               | 8  | 8  |
| 19   | 142      | 141 | 142 | 142 | 2965            | 31            | 8               | 6  | 7  |
| 20   | 143      | 143 | 144 | 143 | 2909            | 31            | 7               | 4  | 7  |
| 21   | 143      | 143 | 142 | 143 | 2943            | 31            | 5               | 7  | 6  |
| 22   | 146      | 145 | 144 | 145 | 2933            | 31            | 8               | 8  | 7  |
| 23   | 142      | 146 | 144 | 144 | 2920            | 31            | 8               | 8  | 8  |
| 24   | 143      | 142 | 141 | 142 | 2880            | 31            | 8               | 5  | 8  |
| 25   | 140      | 141 | 139 | 140 | 2902            | 31            | 8               | 8  | 8  |
| 26   | 140      | 140 | 140 | 140 | 2853            | 31            | 8               | 8  | 8  |
| 27   | 139      | 137 | 136 | 138 | 2824            | 31            | 8               | 8  | 8  |
| 28   | 138      | 137 | 136 | 137 | 2757            | 0             | 7               | 8  | 8  |
| 29   | 138      | 137 | 138 | 138 | 2709            | 31            | 2               | 2  | 7  |
| 30   | 137      | 139 | 137 | 138 | 2530            | 31            | 1               | 8  | 8  |
| 31   | 137      | 140 | 138 | 138 | 2463            | 31            | 8               | 8  | 8  |
| 上旬平均 | 114      | 122 | 117 | 117 | 2785            |               |                 |    |    |
| 中旬平均 | 135      | 138 | 138 | 136 | 2913            |               |                 |    |    |
| 下旬平均 | 140      | 141 | 140 | 140 | 2792            |               |                 |    |    |
| 月平均  | 130      | 134 | 132 | 132 | 2829            |               |                 |    |    |

四 月

| 日期   | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|      | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1    | 137      | 142 | 140 | 139 | 2469            | 31            | 8               | 8  | 8  |
| 2    | 138      | 138 | 138 | 138 | 2600            | 0             | 8               | 7  | 6  |
| 3    | 138      | 138 | 138 | 138 | 2629            | 31            | 7               | 6  | 6  |
| 4    | 138      | 157 | 144 | 144 | 2516            | 31            | 7               | 8  | 8  |
| 5    | 143      | 169 | 146 | 150 | 2185            | 0             | 8               | 8  | 8  |
| 6    | 146      | 163 | 148 | 151 | 2590            | 0             | 8               | 8  | 8  |
| 7    | 156      | 176 | 160 | 162 | 2586            | 31            | 8               | 8  | 8  |
| 8    | 163      | 183 | 181 | 173 | 2635            | 31            | 8               | 8  | 8  |
| 9    | 157      | 168 | 164 | 162 | 2826            | 31            | 8               | 8  | 8  |
| 10   | 155      | 163 | 157 | 158 | 2889            | 31            | 5               | 6  | 5  |
| 11   | 158      | 157 | 154 | 157 | 2884            | 31            | 7               | 8  | 8  |
| 12   | 155      | 159 | 156 | 156 | 2896            | 31            | 8               | 8  | 8  |
| 13   | 157      | 165 | 161 | 160 | 2846            | 0             | 8               | 8  | 8  |
| 14   | 162      | 166 | 167 | 164 | 2821            | 31            | 8               | 8  | 8  |
| 15   | 168      | 173 | 171 | 170 | 2794            | 31            | 8               | 8  | 8  |
| 16   | 171      | 178 | 175 | 174 | 2869            | 31            | 7               | 8  | 8  |
| 17   | 173      | 182 | 177 | 176 | 2877            | 32            | 8               | 8  | 8  |
| 18   | 175      | 182 | 178 | 178 | 2891            | 31            | 1               | 6  | 8  |
| 19   | 175      | 180 | 176 | 177 | 2936            | 31            | 8               | 8  | 8  |
| 20   | 175      | 177 | 176 | 176 | 2920            | 31            | 8               | 8  | 7  |
| 21   | 176      | 194 | 182 | 182 | 2923            | 32            | 8               | 8  | 8  |
| 22   | 175      | 195 | 187 | 183 | 2914            | 32            | 8               | 8  | 8  |
| 23   | 178      | 192 | 185 | 183 | 2936            | 31            | 8               | 8  | 8  |
| 24   | 181      | 191 | 186 | 185 | 2907            | 31            | 7               | 8  | 8  |
| 25   | 182      | 188 | 187 | 185 | 2938            | 31            | 8               | 8  | 8  |
| 26   | 185      | 188 | 186 | 186 | 2949            | 31            | 8               | 8  | 8  |
| 27   | 185      | 192 | 189 | 188 | 2956            | 31            | 8               | 8  | 8  |
| 28   | 188      | 195 | 192 | 191 | 2942            | 32            | 8               | 8  | 8  |
| 29   | 191      | 196 | 194 | 193 | 2942            | 32            | 8               | 8  | 8  |
| 30   | 192      | 201 | 196 | 195 | 2954            | 32            | 8               | 8  | 8  |
| 31   |          |     |     |     |                 |               |                 |    |    |
| 上旬平均 | 147      | 160 | 152 | 152 | 2593            |               |                 |    |    |
| 中旬平均 | 167      | 172 | 169 | 169 | 2873            |               |                 |    |    |
| 下旬平均 | 183      | 193 | 188 | 187 | 2936            |               |                 |    |    |
| 月平均  | 166      | 175 | 170 | 169 | 2801            |               |                 |    |    |

## 厦 门

五 月

六 月

| 日<br>期 | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|--------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|        | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1      | 195      | 202 | 199 | 198 | 2972            | S2            | 8               | 8  | 8  |
| 2      | 198      | 205 | 203 | 201 | 2992            | S2            | 8               | 8  | 8  |
| 3      | 201      | 208 | 203 | 203 | 2996            | S2            | 8               | 8  | 8  |
| 4      | 203      | 208 | 206 | 205 | 3001            | S1            | 8               | 8  | 8  |
| 5      | 204      | 212 | 207 | 207 | 3008            | S1            | 8               | 8  | 8  |
| 6      | 209      | 217 | 211 | 212 | 3032            | S1            | 8               | 8  | 8  |
| 7      | 210      | 222 | 214 | 214 | 3039            | S1            | 7               | 8  | 8  |
| 8      | 210      | 211 | 208 | 210 | 3057            | S1            | 8               | 8  | 8  |
| 9      | 209      | 223 | 213 | 214 | 3050            | S1            | 8               | 8  | 8  |
| 10     | 212      | 227 | 219 | 218 | 3034            | S1            | 8               | 8  | 8  |
| 11     | 216      | 224 | 229 | 221 | 3021            | S1            | 7               | 8  | 8  |
| 12     | 219      | 225 | 235 | 225 | 3070            | S1            | 7               | 8  | 8  |
| 13     | 226      | 224 | 224 | 225 | 3066            | S1            | 8               | 8  | 8  |
| 14     | 225      | 225 | 226 | 225 | 3050            | S1            | 7               | 8  | 7  |
| 15     | 225      | 227 | 228 | 226 | 3090            | S1            | 7               | 8  | 8  |
| 16     | 224      | 228 | 228 | 226 | 3104            | S1            | 8               | 8  | 8  |
| 17     | 229      | 235 | 232 | 231 | 3095            | S1            | 8               | 8  | 8  |
| 18     | 230      | 236 | 234 | 233 | 3117            | 0             | 8               | 8  | 7  |
| 19     | 231      | 237 | 233 | 233 | 3124            | S1            | 8               | 8  | 8  |
| 20     | 236      | 241 | 240 | 238 | 3055            | S1            | 8               | 7  | 8  |
| 21     | 239      | 236 | 239 | 238 | 3008            | S1            | 8               | 8  | 8  |
| 22     | 237      | 237 | 240 | 238 | 2961            | S1            | 7               | 8  | 8  |
| 23     | 239      | 245 | 246 | 242 | 2842            | 0             | 7               | 8  | 8  |
| 24     | 240      | 241 | 246 | 242 | 2920            | S1            | 8               | 8  | 8  |
| 25     | 239      | 243 | 246 | 242 | 2934            | S1            | 8               | 8  | 8  |
| 26     | 241      | 240 | 242 | 241 | 2938            | 0             | 7               | 8  | 8  |
| 27     | 240      | 240 | 244 | 241 | 2828            | S1            | 8               | 8  | 8  |
| 28     | 239      | 247 | 242 | 242 | 2572            | S1            | 8               | 8  | 8  |
| 29     | 240      | 245 | 241 | 242 | 2599            | S1            | 8               | 8  | 8  |
| 30     | 239      | 245 | 242 | 241 | 2806            | S1            | 8               | 8  | 8  |
| 31     | 241      | 243 | 243 | 242 | 2889            | S1            | 7               | 7  | 7  |
| 上旬平均   | 205      | 214 | 208 | 208 | 3018            |               |                 |    |    |
| 中旬平均   | 226      | 230 | 231 | 228 | 3079            |               |                 |    |    |
| 下旬平均   | 239      | 242 | 243 | 241 | 2845            |               |                 |    |    |
| 月平均    | 224      | 229 | 228 | 226 | 2976            |               |                 |    |    |

| 日<br>期 | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|--------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|        | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1      | 238      | 240 | 238 | 239 | 2855            | S1            | 8               | 8  | 8  |
| 2      | 238      | 240 | 239 | 239 | 2812            | S1            | 8               | 8  | 7  |
| 3      | 239      | 245 | 240 | 241 | 2097            | S1            | 8               | 8  | 8  |
| 4      | 239      | 252 | 244 | 244 | 1884            | S1            | 8               | 8  | 8  |
| 5      | 242      | 259 | 249 | 248 | 2485            | S1            | 8               | 8  | 8  |
| 6      | 245      | 268 | 251 | 252 | 2794            | S1            | 8               | 8  | 8  |
| 7      | 245      | 262 | 250 | 251 | 2895            | S1            | 7               | 8  | 8  |
| 8      | 246      | 265 | 257 | 254 | 2916            | S1            | 8               | 8  | 8  |
| 9      | 250      | 255 | 255 | 253 | 2878            | S1            | 8               | 8  | 8  |
| 10     | 248      | 248 | 252 | 249 | 2905            | S1            | 7               | 6  | 8  |
| 11     | 250      | 250 | 250 | 250 | 2720            | S1            | 6               | 8  | 8  |
| 12     | 250      | 250 | 250 | 250 | 2647            | 0             | 8               | 8  | 7  |
| 13     | 248      | 253 | 252 | 250 | 2481            | S1            | 5               | 8  | 8  |
| 14     | 247      | 248 | 244 | 247 | 1591            | S1            | 7               | 8  | 8  |
| 15     | 247      | 250 | 250 | 249 | 1059            | S1            | 8               | 8  | 8  |
| 16     | 249      | 256 | 250 | 251 | 1248            | S1            | 8               | 8  | 8  |
| 17     | 249      | 256 | 250 | 251 | 2626            | S1            | 8               | 8  | 8  |
| 18     | 250      | 257 | 255 | 253 | 2057            | S1            | 8               | 8  | 8  |
| 19     | 252      | 254 | 251 | 252 | 2286            | S1            | 8               | 8  | 8  |
| 20     | 246      | 246 | 244 | 246 | 1945            | S1            | 8               | 6  | 7  |
| 21     | 240      | 242 | 239 | 240 | 1687            | S1            | 8               | 7  | 7  |
| 22     | 232      | 238 | 232 | 234 | 1624            | 0             | 8               | 7  | 8  |
| 23     | 233      | 241 | 236 | 236 | 1766            | 0             | 6               | 7  | 8  |
| 24     | 237      | 253 | 248 | 244 | 2016            | 0             | 8               | 8  | 8  |
| 25     | 245      | 247 | 252 | 247 | 2664            | 0             | 8               | 8  | 8  |
| 26     | 247      | 252 | 259 | 251 | 2597            | S1            | 8               | 8  | 8  |
| 27     | 249      | 254 | 261 | 253 | 2572            | S1            | 7               | 8  | 8  |
| 28     | 250      | 258 | 258 | 254 | 2528            | S1            | 8               | 8  | 8  |
| 29     | 252      | 264 | 259 | 257 | 2369            | S1            | 7               | 8  | 8  |
| 30     | 255      | 276 | 259 | 261 | 1891            | S1            | 8               | 8  | 8  |
| 31     |          |     |     |     |                 |               |                 |    |    |
| 上旬平均   | 243      | 253 | 248 | 247 | 2652            |               |                 |    |    |
| 中旬平均   | 249      | 252 | 250 | 250 | 2066            |               |                 |    |    |
| 下旬平均   | 244      | 253 | 250 | 248 | 2171            |               |                 |    |    |
| 月平均    | 245      | 253 | 249 | 248 | 2297            |               |                 |    |    |

七 月

八 月

| 日<br>期 | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|--------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|        | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1      | 260      | 279 | 260 | 265 | 1938            | S1J1          | 8               | 8  | 8  |
| 2      | 261      | 288 | 264 | 269 | 1844            | S1            | 8               | 8  | 8  |
| 3      | 260      | 280 | 263 | 266 | 1969            | S1            | 8               | 8  | 8  |
| 4      | 259      | 269 | 259 | 262 | 2460            | S1            | 8               | 8  | 8  |
| 5      | 261      | 270 | 262 | 264 | 2243            | S1            | 8               | 8  | 8  |
| 6      | 258      | 279 | 268 | 266 | 2732            | S1            | 8               | 8  | 8  |
| 7      | 260      | 262 | 262 | 261 | 2797            | S1            | 8               | 8  | 8  |
| 8      | 260      | 264 | 269 | 263 | 2839            | S1            | 8               | 8  | 8  |
| 9      | 259      | 263 | 272 | 263 | 2877            | S1            | 8               | 8  | 8  |
| 10     | 261      | 260 | 271 | 263 | 2929            | S1            | 8               | 8  | 8  |
| 11     | 262      | 257 | 261 | 261 | 2996            | S1            | 8               | 8  | 8  |
| 12     | 262      | 271 | 267 | 266 | 2914            | S1            | 8               | 8  | 8  |
| 13     | 260      | 266 | 265 | 263 | 2920            | S1J1          | 8               | 8  | 8  |
| 14     | 261      | 266 | 263 | 263 | 2949            | S2            | 8               | 8  | 8  |
| 15     | 261      | 272 | 264 | 265 | 2821            | S2J1          | 8               | 8  | 8  |
| 16     | 264      | 279 | 267 | 269 | 2766            | S2            | 8               | 8  | 8  |
| 17     | 262      | 281 | 264 | 267 | 2523            | S1            | 8               | 8  | 8  |
| 18     | 265      | 281 | 279 | 273 | 3016            | S1            | 8               | 8  | 8  |
| 19     | 267      | 289 | 282 | 276 | 3059            | S1J1          | 8               | 8  | 8  |
| 20     | 267      | 290 | 281 | 276 | 3081            | S1            | 7               | 8  | 8  |
| 21     | 270      | 277 | 288 | 276 | 3068            | S1            | 8               | 8  | 8  |
| 22     | 267      | 272 | 275 | 270 | 3095            | S2            | 8               | 8  | 8  |
| 23     | 265      | 272 | 273 | 269 | 3127            | S2            | 8               | 8  | 8  |
| 24     | 268      | 274 | 271 | 270 | 3086            | 8             | 9               | 8  | 8  |
| 25     | 268      | 273 | 269 | 270 | 3093            | S2J1          | 8               | 8  | 8  |
| 26     | 267      | 268 | 266 | 267 | 3117            | S1            | 7               | 8  | 8  |
| 27     | 263      | 266 | 265 | 264 | 3095            | S1            | 8               | 8  | 8  |
| 28     | 261      | 272 | 265 | 265 | 3019            | S1            | 8               | 8  | 8  |
| 29     | 265      | 271 | 269 | 268 | 3052            | S2            | 8               | 8  | 8  |
| 30     | 268      | 277 | 271 | 271 | 2967            | S1            | 6               | 8  | 8  |
| 31     | 271      | 281 | 274 | 274 | 2970            | S1            | 8               | 8  | 8  |
| 上旬平均   | 260      | 271 | 265 | 264 | 2463            |               |                 |    |    |
| 中旬平均   | 263      | 275 | 269 | 268 | 2905            |               |                 |    |    |
| 下旬平均   | 267      | 273 | 271 | 269 | 3063            |               |                 |    |    |
| 月平均    | 263      | 273 | 269 | 267 | 2818            |               |                 |    |    |

| 日<br>期 | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|--------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|        | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1      | 272      | 282 | 271 | 274 | 2909            | S1            | 8               | 8  | 8  |
| 2      | 270      | 279 | 274 | 273 | 2905            | S1            | 8               | 8  | 8  |
| 3      | 272      | 276 | 274 | 274 | 2923            | S1            | 8               | 8  | 8  |
| 4      | 271      | 273 | 271 | 272 | 2978            | S1            | 6               | 8  | 8  |
| 5      | 270      | 274 | 280 | 274 | 2913            | S1            | 8               | 8  | 8  |
| 6      | 273      | 280 | 281 | 277 | 2835            | S1            | 8               | 9  | 8  |
| 7      | 272      | 281 | 282 | 277 | 2904            | S1            | 8               | 9  | 8  |
| 8      | 273      | 279 | 283 | 277 | 2931            | S1            | 8               | 9  | 8  |
| 9      | 277      | 279 | 283 | 279 | 2925            | S1            | 8               | 8  | 8  |
| 10     | 282      | 285 | 284 | 283 | 2849            | S1            | 8               | 9  | 8  |
| 11     | 282      | 286 | 283 | 283 | 2914            | S1            | 8               | 8  | 8  |
| 12     | 282      | 285 | 284 | 283 | 2947            | S2            | 8               | 8  | 8  |
| 13     | 283      | 289 | 285 | 285 | 2878            | S2            | 8               | 8  | 8  |
| 14     | 284      | 292 | 287 | 287 | 2875            | S1            | 8               | 8  | 8  |
| 15     | 286      | 297 | 286 | 289 | 2772            | S1            | 8               | 8  | 8  |
| 16     | 285      | 295 | 287 | 288 | 2849            | S1            | 8               | 8  | 8  |
| 17     | 285      | 303 | 294 | 292 | 2460            | S1            | 8               | 8  | 8  |
| 18     | 290      | 306 | 297 | 296 | 2812            | S1            | 8               | 8  | 8  |
| 19     | 292      | 305 | 305 | 299 | 2783            | S1            | 7               | 8  | 8  |
| 20     | 291      | 297 | 298 | 294 | 2911            | S1            | 8               | 8  | 8  |
| 21     | 288      | 288 | 290 | 289 | 2963            | S1            | 8               | 8  | 7  |
| 22     | 286      | 290 | 289 | 288 | 2949            | S1            | 8               | 8  | 8  |
| 23     | 287      | 289 | 291 | 289 | 2943            | S1            | 8               | 8  | 8  |
| 24     | 287      | 288 | 292 | 289 | 2940            | S1            | 8               | 8  | 8  |
| 25     | 290      | 292 | 293 | 291 | 2911            | S1            | 8               | 8  | 8  |
| 26     | 293      | 295 | 296 | 294 | 2857            | S1            | 8               | 8  | 8  |
| 27     | 294      | 298 | 297 | 296 | 2923            | S1            | 8               | 8  | 8  |
| 28     | 292      | 299 | 295 | 295 | 2945            | S1            | 8               | 8  | 8  |
| 29     | 291      | 295 | 291 | 292 | 2849            | S1            | 8               | 8  | 7  |
| 30     | 287      | 295 | 287 | 289 | 2705            | S1            | 8               | 8  | 8  |
| 31     | 284      | 287 | 281 | 284 | 2297            | S1            | 8               | 8  | 8  |
| 上旬平均   | 273      | 279 | 278 | 276 | 2907            |               |                 |    |    |
| 中旬平均   | 286      | 296 | 291 | 290 | 2820            |               |                 |    |    |
| 下旬平均   | 289      | 292 | 291 | 291 | 2844            |               |                 |    |    |
| 月平均    | 283      | 289 | 287 | 286 | 2857            |               |                 |    |    |

## 厦 门

九 月

| 日<br>期 | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|--------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|        | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1      | 277      | 276 | 275 | 276 | 2153            | S1            | 8               | 8  | 8  |
| 2      | 272      | 275 | 269 | 272 | 2781            | S1            | 8               | 8  | 8  |
| 3      | 269      | 275 | 270 | 271 | 2812            | S1            | 8               | 8  | 8  |
| 4      | 269      | 278 | 274 | 273 | 2869            | S1            | 8               | 9  | 8  |
| 5      | 271      | 277 | 275 | 274 | 2904            | S1            | 8               | 9  | 8  |
| 6      | 270      | 275 | 271 | 272 | 2967            | S1            | 8               | 8  | 8  |
| 7      | 270      | 273 | 271 | 271 | 2936            | S1            | 8               | 8  | 8  |
| 8      | 271      | 275 | 272 | 272 | 2909            | S1            | 8               | 8  | 8  |
| 9      | 272      | 279 | 275 | 275 | 2904            | S1            | 8               | 8  | 8  |
| 10     | 274      | 279 | 274 | 275 | 2967            | S1            | 8               | 8  | 8  |
| 11     | 275      | 279 | 276 | 276 | 3007            | S1            | 8               | 8  | 8  |
| 12     | 276      | 285 | 277 | 279 | 2969            | S1            | 7               | 8  | 8  |
| 13     | 278      | 289 | 279 | 281 | 2862            | S1            | 6               | 8  | 8  |
| 14     | 280      | 293 | 281 | 284 | 2810            | S1            | 8               | 8  | 8  |
| 15     | 281      | 289 | 286 | 284 | 2898            | S1            | 8               | 8  | 8  |
| 16     | 281      | 299 | 296 | 289 | 2546            | S1            | 8               | 8  | 8  |
| 17     | 284      | 306 | 300 | 294 | 3003            | S1            | 8               | 8  | 8  |
| 18     | 283      | 285 | 288 | 285 | 3010            | S1            | 8               | 8  | 8  |
| 19     | 280      | 287 | 288 | 284 | 3122            | S1            | 8               | 8  | 7  |
| 20     | 280      | 289 | 287 | 284 | 3097            | S1            | 8               | 8  | 8  |
| 21     | 281      | 283 | 280 | 281 | 3090            | S1            | 8               | 8  | 8  |
| 22     | 277      | 281 | 277 | 278 | 3082            | S1            | 8               | 8  | 8  |
| 23     | 276      | 279 | 275 | 277 | 3016            | S1            | 8               | 8  | 8  |
| 24     | 275      | 277 | 274 | 275 | 3026            | S1            | 8               | 8  | 8  |
| 25     | 272      | 279 | 274 | 274 | 2956            | S1            | 8               | 8  | 8  |
| 26     | 272      | 275 | 271 | 273 | 3012            | S1            | 8               | 8  | 8  |
| 27     | 271      | 273 | 269 | 271 | 3001            | S1            | 8               | 8  | 8  |
| 28     | 269      | 271 | 267 | 269 | 3034            | S1            | 8               | 8  | 8  |
| 29     | 264      | 266 | 263 | 264 | 3097            | S1            | 8               | 8  | 8  |
| 30     | 259      | 257 | 255 | 258 | 3120            | S1            | 8               | 8  | 8  |
| 31     |          |     |     |     |                 |               |                 |    |    |
| 上旬平均   | 272      | 276 | 273 | 273 | 2820            |               |                 |    |    |
| 中旬平均   | 280      | 290 | 286 | 284 | 2932            |               |                 |    |    |
| 下旬平均   | 272      | 274 | 271 | 272 | 3043            |               |                 |    |    |
| 月平均    | 274      | 280 | 276 | 276 | 2932            |               |                 |    |    |

十 月

| 日<br>期 | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|--------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|        | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1      | 247      | 246 | 244 | 246 | 3156            | S1            | 8               | 7  | 7  |
| 2      | 239      | 248 | 238 | 241 | 3091            | S1            | 8               | 8  | 8  |
| 3      | 236      | 246 | 240 | 240 | 3001            | S1            | 7               | 8  | 8  |
| 4      | 237      | 242 | 240 | 239 | 2949            | S1            | 8               | 8  | 8  |
| 5      | 240      | 242 | 242 | 241 | 2954            | S1            | 7               | 8  | 8  |
| 6      | 242      | 246 | 246 | 244 | 2544            | S1            | 8               | 8  | 8  |
| 7      | 246      | 249 | 250 | 248 | 2671            | S1            | 6               | 8  | 8  |
| 8      | 250      | 253 | 251 | 251 | 2788            | S1            | 7               | 8  | 8  |
| 9      | 247      | 250 | 252 | 251 | 2714            | S1            | 7               | 8  | 8  |
| 10     | 255      | 259 | 257 | 257 | 2687            | S1            | 8               | 8  | 8  |
| 11     | 255      | 257 | 254 | 255 | 2961            | S1            | 8               | 8  | 8  |
| 12     | 250      | 252 | 250 | 251 | 2851            | S1            | 8               | 8  | 8  |
| 13     | 249      | 251 | 248 | 249 | 2795            | S1            | 8               | 8  | 8  |
| 14     | 248      | 255 | 250 | 250 | 2369            | S1            | 8               | 8  | 8  |
| 15     | 244      | 250 | 246 | 246 | 2577            | S1            | 8               | 8  | 8  |
| 16     | 243      | 250 | 244 | 245 | 2553            | S1            | 8               | 8  | 8  |
| 17     | 240      | 254 | 242 | 244 | 2826            | S1            | 8               | 8  | 8  |
| 18     | 240      | 245 | 236 | 240 | 2953            | S1            | 8               | 8  | 8  |
| 19     | 234      | 240 | 232 | 235 | 2956            | S1            | 8               | 8  | 8  |
| 20     | 232      | 237 | 231 | 235 | 2945            | S1            | 8               | 8  | 8  |
| 21     | 228      | 232 | 227 | 229 | 2940            | S1            | 8               | 8  | 8  |
| 22     | 226      | 227 | 225 | 226 | 2929            | S1            | 8               | 8  | 8  |
| 23     | 223      | 226 | 223 | 224 | 2947            | S1            | 8               | 8  | 8  |
| 24     | 223      | 226 | 221 | 223 | 2904            | S1            | 8               | 8  | 8  |
| 25     | 223      | 224 | 220 | 223 | 2911            | S1            | 8               | 8  | 8  |
| 26     | 222      | 223 | 220 | 222 | 2952            | S1            | 8               | 8  | 8  |
| 27     | 220      | 223 | 220 | 221 | 2920            | S1            | 8               | 8  | 8  |
| 28     | 220      | 224 | 221 | 221 | 2905            | S1            | 8               | 8  | 8  |
| 29     | 217      | 221 | 219 | 219 | 3007            | S1            | 8               | 8  | 8  |
| 30     | 216      | 230 | 218 | 220 | 2999            | S1            | 8               | 8  | 8  |
| 31     | 217      | 231 | 217 | 221 | 2996            | S1            | 8               | 8  | 8  |
| 上旬平均   | 244      | 249 | 246 | 246 | 2896            |               |                 |    |    |
| 中旬平均   | 244      | 249 | 243 | 245 | 2777            |               |                 |    |    |
| 下旬平均   | 221      | 226 | 221 | 223 | 2946            |               |                 |    |    |
| 月平均    | 236      | 241 | 236 | 237 | 2875            |               |                 |    |    |

十一 月

| 日<br>期 | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|--------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|        | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1      | 216      | 228 | 217 | 219 | 2983            | S1            | 8               | 8  | 8  |
| 2      | 216      | 224 | 217 | 218 | 2960            | S1            | 8               | 8  | 8  |
| 3      | 216      | 222 | 218 | 218 | 2960            | S1            | 8               | 8  | 8  |
| 4      | 218      | 221 | 220 | 219 | 2983            | S1            | 8               | 8  | 8  |
| 5      | 220      | 222 | 221 | 221 | 2954            | S1            | 8               | 8  | 8  |
| 6      | 220      | 225 | 220 | 221 | 2900            | S1            | 8               | 8  | 8  |
| 7      | 220      | 224 | 218 | 221 | 2877            | S1            | 8               | 8  | 8  |
| 8      | 220      | 228 | 221 | 222 | 2877            | S1            | 8               | 8  | 8  |
| 9      | 218      | 222 | 218 | 219 | 2983            | S1            | 8               | 8  | 8  |
| 10     | 215      | 215 | 210 | 214 | 2979            | S1            | 8               | 8  | 8  |
| 11     | 208      | 213 | 205 | 209 | 2979            | S1            | 8               | 8  | 8  |
| 12     | 199      | 207 | 207 | 203 | 2840            | S1            | 8               | 8  | 8  |
| 13     | 200      | 206 | 204 | 203 | 2826            | S1            | 8               | 8  | 8  |
| 14     | 200      | 207 | 203 | 203 | 2985            | S1            | 8               | 8  | 8  |
| 15     | 200      | 207 | 202 | 202 | 2990            | S1            | 8               | 8  | 8  |
| 16     | 199      | 212 | 198 | 202 | 3003            | S1            | 8               | 8  | 8  |
| 17     | 196      | 204 | 198 | 199 | 2987            | S1            | 8               | 8  | 8  |
| 18     | 197      | 204 | 199 | 199 | 2943            | S1            | 8               | 8  | 8  |
| 19     | 198      | 203 | 200 | 200 | 2916            | S1            | 8               | 8  | 8  |
| 20     | 200      | 204 | 201 | 201 | 2972            | S1            | 8               | 8  | 8  |
| 21     | 202      | 204 | 201 | 202 | 3003            | S1            | 8               | 8  | 8  |
| 22     | 202      | 205 | 200 | 202 | 2884            | S1            | 8               | 8  | 8  |
| 23     | 203      | 206 | 203 | 204 | 2947            | S1            | 8               | 8  | 8  |
| 24     | 204      | 206 | 206 | 205 | 2970            | S1            | 8               | 8  | 8  |
| 25     | 205      | 209 | 207 | 207 | 2922            | S1            | 8               | 8  | 8  |
| 26     | 205      | 212 | 208 | 208 | 2942            | S1            | 8               | 8  | 8  |
| 27     | 206      | 211 | 209 | 208 | 3005            | S1            | 7               | 8  | 8  |
| 28     | 206      | 215 | 207 | 209 | 3010            | S1            | 8               | 8  | 8  |
| 29     | 204      | 211 | 204 | 206 | 3019            | S1            | 8               | 8  | 8  |
| 30     | 202      | 209 | 205 | 205 | 3010            | S1            | 8               | 8  | 8  |
| 31     |          |     |     |     |                 |               |                 |    |    |
| 上旬平均   | 218      | 223 | 218 | 219 | 2946            |               |                 |    |    |
| 中旬平均   | 200      | 207 | 202 | 202 | 2944            |               |                 |    |    |
| 下旬平均   | 204      | 209 | 205 | 206 | 2971            |               |                 |    |    |
| 月平均    | 207      | 213 | 208 | 209 | 2954            |               |                 |    |    |

十二 月

| 日<br>期 | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海 发 光<br>类型和级 | 有效能见度<br>(千米或级) |    |    |
|--------|----------|-----|-----|-----|-----------------|---------------|-----------------|----|----|
|        | 08       | 14  | 20  | 平均  |                 |               | 08              | 14 | 20 |
| 1      | 204      | 212 | 206 | 207 | 2978            | S1            | 8               | 8  | 8  |
| 2      | 205      | 209 | 206 | 206 | 2969            | S1            | 5               | 8  | 8  |
| 3      | 206      | 210 | 208 | 208 | 2976            | S1            | 6               | 8  | 2  |
| 4      | 208      | 212 | 210 | 210 | 2949            | S1            | 6               | 8  | 8  |
| 5      | 209      | 212 | 208 | 210 | 2956            | S1            | 8               | 8  | 7  |
| 6      | 209      | 214 | 211 | 211 | 2905            | S1            | 7               | 8  | 8  |
| 7      | 211      | 226 | 210 | 215 | 2904            | S1            | 7               | 8  | 8  |
| 8      | 212      | 215 | 213 | 213 | 2963            | S1            | 8               | 8  | 8  |
| 9      | 213      | 215 | 214 | 214 | 2976            | S1            | 8               | 8  | 7  |
| 10     | 213      | 214 | 214 | 214 | 2945            | S1            | 8               | 8  | 8  |
| 11     | 213      | 214 | 213 | 213 | 2961            | S1            | 8               | 8  | 8  |
| 12     | 212      | 216 | 211 | 213 | 2916            | S1            | 8               | 9  | 8  |
| 13     | 208      | 212 | 210 | 210 | 3012            | S1            | 8               | 8  | 8  |
| 14     | 207      | 211 | 206 | 208 | 3001            | S1            | 8               | 8  | 8  |
| 15     | 201      | 202 | 201 | 201 | 2981            | S1            | 8               | 9  | 8  |
| 16     | 193      | 198 | 193 | 194 | 2952            | S1            | 8               | 8  | 8  |
| 17     | 189      | 196 | 191 | 191 | 2936            | S1            | 8               | 8  | 8  |
| 18     | 188      | 192 | 191 | 190 | 2911            | S1            | 8               | 8  | 8  |
| 19     | 188      | 192 | 190 | 190 | 2969            | S1            | 8               | 8  | 8  |
| 20     | 189      | 191 | 190 | 190 | 2965            | S1            | 8               | 8  | 8  |
| 21     | 190      | 191 | 187 | 190 | 2987            | S1            | 8               | 8  | 8  |
| 22     | 177      | 188 | 186 | 182 | 2945            | S1            | 8               | 9  | 8  |
| 23     | 181      | 183 | 178 | 181 | 2904            | S1            | 8               | 8  | 8  |
| 24     | 179      | 180 | 179 | 179 | 2918            | S1            | 8               | 8  | 8  |
| 25     | 179      | 183 | 179 | 180 | 1900            | S1            | 8               | 8  | 8  |
| 26     | 178      | 183 | 182 | 180 | 2988            | S1            | 8               | 8  | 8  |
| 27     | 180      | 182 | 180 | 181 | 2997            | S1            | 8               | 8  | 8  |
| 28     | 179      | 186 | 183 | 182 | 2997            | S1            | 8               | 8  | 8  |
| 29     | 181      | 189 | 184 | 184 | 2988            | S1            | 8               | 8  | 8  |
| 30     | 181      | 194 | 187 | 186 | 2979            | S1            | 8               | 8  | 8  |
| 31     | 183      | 188 | 185 | 185 | 2961            | S1            | 8               | 8  | 8  |
| 上旬平均   | 209      | 214 | 210 | 211 | 2952            |               |                 |    |    |
| 中旬平均   | 199      | 202 | 200 | 200 | 2960            |               |                 |    |    |
| 下旬平均   | 181      | 186 | 183 | 183 | 2960            |               |                 |    |    |
| 月平均    | 196      | 200 | 197 | 197 | 2953            |               |                 |    |    |

# 平 海

一月

| 日<br>期 | 表层水温(°C) |     |     |     | 表层<br>盐度<br>(‰) | 海发光<br>类型和级 | 海面能见度<br>(千米或级) |    |    | 风 速(米/秒) |     |    |     | 风 向 |     | 平<br>均 | 海况(级) |     |    |    | 波 型 |    |     |     |     |     |     |  |
|--------|----------|-----|-----|-----|-----------------|-------------|-----------------|----|----|----------|-----|----|-----|-----|-----|--------|-------|-----|----|----|-----|----|-----|-----|-----|-----|-----|--|
|        | 08       | 14  | 20  | 平均  |                 |             | 08              | 14 | 20 | 速        | 向   | 速  | 向   | 速   | 向   |        | 速     | 向   | 08 | 11 | 14  | 17 | 08  | 11  | 14  | 17  |     |  |
| 1      | 98       | 112 | 103 | 103 | 3108            | 0           | 8               | 8  | 7  | 7        | NNE | 12 | NNE | 10  | NNE | 12     | NE    | 103 | 4  | 5  | 5   | 5  | F/U | F   | F   | F   | F   |  |
| 2      | 97       | 108 | 106 | 102 | 3115            | 0           | 8               | 8  | 8  | 9        | N   | 8  | NNE | 8   | NNE | 8      | NNE   | 83  | 4  | 4  | 4   | 4  | F/U | F/U | F/U | F/U | F/U |  |
| 3      | 103      | 111 | 106 | 106 | 3126            | 0           | 8               | 7  | 7  | 7        | NNE | 10 | NE  | 10  | NE  | 9      | NNE   | 90  | 3  | 4  | 5   | 4  | U/F | F/U | F   | F   | F   |  |
| 4      | 100      | 111 | 106 | 104 | 3133            | *           | 7               | 8  | 8  | 10       | N   | 10 | NNE | 10  | NE  | 10     | NNE   | 100 | 4  | 4  | 4   | 4  | U/F | F/U | F   | F   | F   |  |
| 5      | 109      | 123 | 117 | 115 | 3118            | *           | 8               | 8  | 8  | 3        | NW  | 7  | NNE | 5   | ENE | 5      | NE    | 50  | 2  | 3  | 2   | 2  | U/F | F/U | F   | F   | F/U |  |
| 6      | 117      | 120 | 120 | 119 | 3115            | 0           | 4               | 2  | 4  | 3        | ESE | 0  | C   | 2   | SSE | 3      | WSW   | 20  | 1  | 0  | -   | 1  | U/F | F   | -   | -   | -   |  |
| 7      | 119      | 122 | 117 | 119 | 3126            | 0           | 7               | 7  | 7  | 10       | NNE | 12 | NE  | 16  | NE  | 14     | NE    | 130 | 4  | 5  | 6   | 6  | F/U | F   | F   | F   | F   |  |
| 8      | 113      | 119 | 111 | 114 | 3124            | *           | 7               | 8  | 8  | 16       | NNE | 16 | NE  | 14  | NE  | 12     | NE    | 145 | 6  | 6  | 6   | 5  | F   | F   | F   | F   | F   |  |
| 9      | 102      | 111 | 108 | 106 | 3122            | *           | 7               | 8  | 7  | 10       | NNE | 12 | NNE | 10  | NNE | 10     | NE    | 105 | 4  | 5  | 4   | 4  | F   | F   | F   | F   | F   |  |
| 10     | 110      | 131 | 121 | 118 | 3117            | *           | 7               | 8  | 7  | 2        | NW  | 0  | C   | 5   | S   | 2      | SSE   | 23  | 1  | 0  | 2   | 1  | U/F | F   | F   | F   | F   |  |
| 11     | 113      | 121 | 114 | 115 | 3129            | *           | 7               | 7  | 7  | 10       | NNE | 10 | NE  | 10  | NE  | 10     | NE    | 100 | 4  | 5  | 5   | 5  | F/U | F   | F   | F   | F   |  |
| 12     | 113      | 124 | 118 | 117 | 3131            | *           | 7               | 8  | 8  | 1        | NNE | 4  | NNE | 4   | E   | 3      | SE    | 30  | 1  | 2  | 2   | 1  | F   | F   | F   | F   | F/U |  |
| 13     | 112      | 125 | 119 | 117 | 3135            | *           | 5               | 7  | 8  | 2        | NE  | 0  | C   | 10  | NE  | 10     | ENE   | 55  | 1  | 0  | 4   | 5  | F   | F   | F   | F   | F   |  |
| 14     | 112      | 120 | 115 | 115 | 3131            | *           | 7               | 8  | 8  | 7        | NNE | 9  | NNE | 10  | ENE | 8      | ENE   | 85  | 3  | 4  | 4   | 4  | F/U | F/U | F   | F   | F   |  |
| 15     | 108      | 117 | 108 | 110 | 3136            | *           | 7               | 7  | 8  | 9        | NNE | 12 | NE  | 10  | ENE | 10     | ENE   | 103 | 3  | 5  | 5   | 5  | F/U | F/U | F/U | F   | F   |  |
| 16     | 102      | 114 | 103 | 105 | 3138            | *           | 8               | 7  | 8  | 7        | N   | 12 | NNE | 10  | NE  | 8      | NE    | 93  | 4  | 5  | 4   | 4  | U/F | F/U | F   | F   | F   |  |
| 17     | 105      | 121 | 119 | 113 | 3142            | *           | 7               | 8  | 7  | 2        | W   | 2  | SW  | 3   | S   | 4      | SSE   | 28  | 1  | 1  | 1   | 2  | F   | F   | F   | F   | F   |  |
| 18     | 115      | 120 | 118 | 117 | 3146            | 0           | 7               | 7  | 6  | 3        | NNE | 7  | N   | 9   | NNE | 14     | NE    | 83  | 1  | 3  | 4   | 5  | F   | F   | F   | F   | F   |  |
| 19     | 119      | 127 | 121 | 122 | 3140            | S1          | 4               | 9  | 8  | 0        | C   | 0  | C   | 2   | E   | 3      | ENE   | 13  | 0  | 0  | 1   | 1  | F   | F   | F   | F   | F   |  |
| 20     | 115      | 122 | 116 | 117 | 3153            | 0           | 8               | 8  | 7  | 7        | NNE | 12 | NNE | 10  | NE  | 12     | NE    | 103 | 3  | 5  | 5   | 6  | F/U | F/U | F/U | F   | F   |  |
| 21     | 113      | 118 | 113 | 114 | 3142            | 0           | 8               | 8  | 7  | 9        | NNE | 12 | NNE | 12  | NE  | 12     | NE    | 113 | 4  | 5  | 5   | 5  | F/U | F/U | F   | F   | F   |  |
| 22     | 109      | 114 | 107 | 110 | 3142            | S1          | 7               | 7  | 7  | 12       | NE  | 10 | NNE | 12  | NE  | 10     | NE    | 110 | 5  | 5  | 5   | 4  | F/U | F/U | F/U | F   | F/U |  |
| 23     | 107      | 121 | 116 | 113 | 3135            | S1          | 8               | 8  | 7  | 0        | C   | 7  | NE  | 5   | NE  | 5      | ENE   | 43  | 0  | 3  | 3   | 2  | U   | FU  | F   | F   | F   |  |
| 24     | 115      | 118 | 113 | 115 | 3138            | S1          | 7               | 8  | 7  | 6        | NE  | 9  | NE  | 10  | NE  | 14     | ENE   | 98  | 2  | 3  | 4   | 5  | F   | F   | F   | F   | F   |  |
| 25     | 110      | 116 | 111 | 112 | 3138            | S1          | 8               | 8  | 7  | 12       | NNE | 12 | NNE | 12  | NE  | 14     | NE    | 125 | 5  | 5  | 5   | 6  | F   | F   | F   | F   | F   |  |
| 26     | 108      | 119 | 113 | 112 | 3142            | S1          | 8               | 8  | 7  | 7        | NNE | 10 | NNE | 10  | NNE | 12     | NNE   | 98  | 3  | 4  | 4   | 5  | F/U | F/U | F   | F   | F   |  |
| 27     | 109      | 117 | 115 | 113 | 3146            | S1          | 8               | 8  | 8  | 8        | N   | 10 | NNE | 9   | NNE | 12     | NE    | 98  | 3  | 4  | 4   | 5  | U/F | F/U | F/U | F   | F   |  |
| 28     | 113      | 118 | 117 | 115 | 3144            | S1          | 8               | 8  | 7  | 9        | NNE | 9  | NNE | 8   | NNE | 7      | NNE   | 83  | 3  | 4  | 3   | 3  | F   | F   | F   | F   | F   |  |
| 29     | 120      | 127 | 125 | 123 | 3129            | S1          | 4               | 2  | 7  | 2        | ENE | 0  | C   | 4   | SSE | 2      | SSE   | 27  | 1  | 0  | 1   | 1  | F   | F   | F   | F   | F   |  |
| 30     | 116      | 119 | 115 | 117 | 3149            | S1          | 8               | 8  | 7  | 10       | NNE | 12 | NNE | 12  | NNE | 14     | NNE   | 120 | 5  | 5  | 5   | 6  | F   | F   | F   | F   | F   |  |
| 31     | 107      | 111 | 107 | 108 | 3151            | S1          | 7               | 7  | 6  | 10       | NE  | 12 | NE  | 14  | NE  | 14     | NNE   | 125 | 4  | 5  | 6   | 6  | F/U | F/U | F   | F   | F   |  |
| 上旬平均   | 107      | 117 | 112 | 111 | 3120            |             |                 |    |    | 77       |     | 87 |     | 90  |     | 85     |       | 85  |    |    |     |    |     |     |     |     |     |  |
| 中旬平均   | 111      | 121 | 115 | 115 | 3138            |             |                 |    |    | 48       |     | 68 |     | 78  |     | 82     |       | 69  |    |    |     |    |     |     |     |     |     |  |
| 下旬平均   | 112      | 118 | 114 | 114 | 3141            |             |                 |    |    | 77       |     | 94 |     | 98  |     | 105    |       | 95  |    |    |     |    |     |     |     |     |     |  |
| 月平均    | 110      | 119 | 113 | 113 | 3134            |             |                 |    |    | 68       |     | 83 |     | 89  |     | 91     |       | 83  |    |    |     |    |     |     |     |     |     |  |

| 日<br>期 | 风浪向 |     |     |     | 涌浪向 |     |     |     | 周 期 (秒) |    |      |    |      | 波 高 (米) |    |      |    |      | 最大波高(米) |    |    |    | 测波点水深(米) |     |     |     |    |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|---------|----|------|----|------|---------|----|------|----|------|---------|----|----|----|----------|-----|-----|-----|----|
|        | 08  | 11  | 14  | 17  | 08  | 11  | 14  | 17  | 08      | 11 | 14   | 17 | 平均   | 08      | 11 | 14   | 17 | 平均   | 08      | 11 | 14 | 17 | 08       | 11  | 14  | 17  |    |
| 1      | NE  | NE  | NE  | NE  | SE  | C   | C   | C   | 28      | 28 | 29   | 31 | 29   | 05      | 06 | 08   | 09 | 07   | 06      | 07 | 09 | 11 | 61       | 101 | 92  | 63  |    |
| 2      | NE  | NE  | NE  | NE  | SE  | SE  | SE  | SE  | 31      | 30 | 29   | 30 | 30   | 07      | 06 | 06   | 07 | 07   | 08      | 06 | 07 | 09 | 51       | 94  | 99  | 71  |    |
| 3      | NE  | NE  | NE  | NE  | SE  | SE  | SE  | C   | 35      | 26 | 30   | 35 | 32   | 07      | 08 | 08   | 07 | 08   | 07      | 08 | 08 | 09 | 49       | 84  | 101 | 79  |    |
| 4      | NNE | NE  | NE  | NE  | SE  | SE  | SE  | C   | 32      | 28 | 24   | 32 | 29   | 07      | 05 | 06   | 08 | 07   | 07      | 06 | 07 | 09 | 45       | 73  | 100 | 86  |    |
| 5      | NNE | NE  | ENE | NE  | SE  | SE  | SE  | SE  | 32      | 23 | 23   | 22 | 25   | 03      | 03 | 03   | 02 | 03   | 04      | 04 | 04 | 03 | 49       | 66  | 95  | 91  |    |
| 6      | *   | C   | -   | C   | SE  | SSE | -   | C   | 37      | 29 | -    | 00 | -    | 03      | 04 | -    | 00 | -    | 05      | 05 | -  | 00 | 56       | 61  |     |     |    |
| 7      | NE  | NE  | NE  | NE  | SE  | C   | C   | C   | 29      | 26 | 28   | 31 | 29   | 05      | 05 | 08   | 08 | 07   | 06      | 06 | 09 | 09 | 63       | 60  | 82  | 91  |    |
| 8      | NE  | NE  | NE  | NE  | C   | C   | C   | C   | 33      | 34 | 33   | 30 | 33   | 10      | 12 | 13   | 11 | 12   | 11      | 14 | 12 | 72 | 62       | 76  | 89  |     |    |
| 9      | NE  | NE  | NE  | NE  | C   | C   | C   | C   | 35      | 33 | 28   | 27 | 31   | 12      | 12 | 09   | 08 | 10   | 14      | 14 | 10 | 09 | 77       | 65  | 73  | 87  |    |
| 10     | *   | C   | S   | C   | SE  | SSE | C   | C   | 43      | 48 | 29   | 00 | 30   | 02      | 03 | 03   | 00 | 02   | 03      | 04 | 04 | 00 | 83       | 72  | 70  |     |    |
| 11     | NE  | NE  | NE  | NE  | SSE | C   | C   | C   | 26      | 29 | 29   | 27 | 28   | 07      | 08 | 09   | 08 | 08   | 08      | 09 | 10 | 09 | 86       | 77  | 68  | 77  |    |
| 12     | C   | NE  | ENE | *   | C   | C   | C   | SE  | 00      | 19 | 25   | 34 | 20   | 00      | 02 | 04   | 05 | 03   | 00      | 03 | 05 | 06 |          | 83  | 69  | 71  |    |
| 13     | C   | C   | NE  | NE  | C   | C   | C   | C   | 00      | 00 | 26   | 34 | 15   | 00      | 00 | 04   | 09 | 03   | 00      | 00 | 05 | 09 |          | 71  | 67  |     |    |
| 14     | NE  | NE  | NE  | NE  | SE  | SE  | C   | C   | 29      | 31 | 30   | 32 | 31   | 08      | 08 | 09   | 07 | 08   | 09      | 08 | 09 | 08 | 82       | 93  | 75  | 63  |    |
| 15     | NE  | NE  | ENE | ENE | SE  | SE  | SE  | C   | 26      | 27 | 33   | 39 | 31   | 07      | 07 | 10   | 14 | 10   | 08      | 08 | 12 | 14 | 76       | 97  | 80  | 61  |    |
| 16     | NNE | NE  | NE  | NE  | SE  | SE  | C   | C   | 39      | 30 | 30   | 38 | 34   | 07      | 08 | 08   | 07 | 08   | 09      | 08 | 09 | 07 | 67       | 99  | 85  | 62  |    |
| 17     | C   | C   | C   | SSE | C   | C   | C   | C   | 00      | 00 | 00   | 19 | 05   | 00      | 00 | 00   | 02 | 01   | 00      | 00 | 00 | 03 |          |     |     | 65  |    |
| 18     | C   | C   | NNE | NE  | C   | C   | C   | C   | 00      | 23 | 28   | 31 | 21   | 00      | 02 | 05   | 08 | 04   | 00      | 03 | 06 | 09 |          | 92  | 98  | 72  |    |
| 19     | C   | C   | C   | C   | C   | C   | C   | C   | 00      | 00 | 00   | 00 | 00   | 00      | 00 | 00   | 00 | 00   | 00      | 00 | 00 | 00 |          |     |     |     |    |
| 20     | NE  | NE  | NE  | ENE | SE  | SE  | SE  | C   | 29      | 25 | 26   | 35 | 29   | 08      | 09 | 11   | 14 | 11   | 10      | 10 | 10 | 13 | 16       | 43  | 72  | 102 | 87 |
| 21     | NE  | NE  | NE  | NE  | SSE | SSE | C   | C   | 32      | 27 | 28   | 29 | 29   | 09      | 07 | 07   | 10 | 08   | 10      | 08 | 07 | 11 | 49       | 66  | 98  | 94  |    |
| 22     | NE  | NE  | NE  | NE  | SSE | SSE | SSE | SSE | 28      | 27 | 25   | 28 | 27   | 10      | 09 | 10   | 11 | 10   | 12      | 10 | 10 | 13 | 58       | 56  | 94  | 97  |    |
| 23     | C   | NE  | NE  | ENE | SSE | SE  | C   | C   | 41      | 34 | 28   | 25 | 32   | 07      | 05 | 07   | 06 | 06   | 08      | 07 | 08 | 07 | 71       | 56  | 80  | 96  |    |
| 24     | NE  | NE  | NE  | ENE | C   | C   | C   | C   | 20      | 23 | 25   | 24 | 23   | 02      | 04 | 08   | 08 | 06   | 02      | 05 | 09 | 09 | 80       | 60  | 71  | 91  |    |
| 25     | NE  | NE  | NE  | NE  | C   | C   | C   | C   | 28      | 30 | 31   | 30 | 30   | 08      | 09 | 09   | 10 | 09   | 09      | 09 | 10 | 11 | 91       | 69  | 64  | 83  |    |
| 26     | NE  | NNE | NNE | NNE | SE  | SE  | C   | C   | 31      | 29 | 26   | 29 | 29   | 07      | 08 | 09   | 09 | 08   | 07      | 10 | 10 | 10 | 95       | 81  | 62  | 72  |    |
| 27     | NNE | NE  | NE  | NE  | SE  | SSE | SSE | C   | 37      | 25 | 38   | 34 | 34   | 07      | 07 | 08   | 09 | 08   | 08      | 08 | 10 | 10 | 93       | 91  | 65  | 63  |    |
| 28     | NE  | NE  | NE  | NE  | C   | C   | C   | C   | 23      | 25 | 28   | 27 | 26   | 06      | 06 | 04   | 04 | 05   | 06      | 06 | 04 | 05 | 86       | 98  | 71  | 57  |    |
| 29     | C   | C   | C   | C   | C   | C   | C   | C   | 00      | 00 | 00   | 00 | 00   | 00      | 00 | 00   | 00 | 00   | 00      | 00 | 00 | 00 |          |     |     |     |    |
| 30     | NNE | NNE | NNE | NNE | C   | C   | C   | C   | 27      | 27 | 31   | 29 | 29   | 08      | 09 | 12   | 12 | 10   | 08      | 10 | 13 | 14 | 58       | 101 | 89  | 58  |    |
| 31     | NE  | NE  | NE  | NE  | SE  | SE  | C   | C   | 32      | 31 | 35   | 27 | 31   | 10      | 12 | 14   | 10 | 12   | 11      | 13 | 15 | 11 | 53       | 96  | 95  | 65  |    |
| 上旬平均   |     |     |     |     |     |     |     |     | 34      | 31 | (28) | 24 | (30) | 06      | 06 | (07) | 06 | (07) |         |    |    |    |          |     |     |     |    |
| 中旬平均   |     |     |     |     |     |     |     |     | 15      | 18 | 23   | 29 | 21   | 04      | 04 | 06   | 07 | 06   |         |    |    |    |          |     |     |     |    |
| 下旬平均   |     |     |     |     |     |     |     |     | 27      | 25 | 27   | 26 | 26   | 07      | 07 | 08   | 08 | 07   |         |    |    |    |          |     |     |     |    |
| 月平均    |     |     |     |     |     |     |     |     | 25      | 25 | (26) | 26 | (26) | 06      | 06 | (07) | 07 | (07) |         |    |    |    |          |     |     |     |    |

# 平 海

二月

| 日期   | 表层水温(℃) |     |    |    | 表层盐度(‰) | 海发光类型和级 | 海面能见度(千米或级) |    |    | 风速(米/秒) |     |     |     | 风向  |     | 平均  | 海况(级) |     |    |    | 波型 |     |     |     |     |
|------|---------|-----|----|----|---------|---------|-------------|----|----|---------|-----|-----|-----|-----|-----|-----|-------|-----|----|----|----|-----|-----|-----|-----|
|      | 08      | 14  | 20 | 平均 |         |         | 08          | 14 | 20 | 08      |     | 11  |     | 14  |     |     | 17    |     | 08 | 11 | 14 | 17  |     |     |     |
|      |         |     |    |    |         |         |             |    |    | 速       | 向   | 速   | 向   | 速   | 向   |     | 速     | 向   |    |    |    |     |     |     |     |
| 1    | 99      | 102 | 97 | 99 | 3136    | 31      | 8           | 7  | 6  | 14      | NE  | 14  | NE  | 12  | NNE | 16  | NNE   | 140 | 5  | 5  | 5  | F/U | F   | F   | F   |
| 2    | 94      | 94  | 94 | 94 | 3136    | 31      | 8           | 8  | 6  | 16      | NE  | 14  | NE  | 12  | NNE | 12  | NNE   | 135 | 7  | 7  | 5  | F   | F   | F   | F   |
| 3    | 93      | 97  | 96 | 95 | 3126    | 31      | 7           | 8  | 7  | 12      | NNE | 12  | NNE | 12  | NNE | 16  | NNE   | 130 | 6  | 6  | 7  | F   | F   | F   | F   |
| 4    | 91      | 92  | 90 | 91 | 3118    | 0       | 6           | 7  | 6  | 14      | NNE | 16  | NNE | 14  | NNE | 14  | NNE   | 145 | 5  | 6  | 6  | F/U | F/U | F/U | F/U |
| 5    | 87      | 87  | 86 | 87 | 3117    | 0       | 8           | 8  | 7  | 16      | NNE | 16  | NNE | 14  | NE  | 16  | NE    | 155 | 6  | 6  | 6  | F   | F   | F   | F   |
| 6    | 85      | 85  | 83 | 85 | 3104    | 0       | 7           | 8  | 7  | 16      | NE  | 20  | NNE | 16  | NNE | 14  | NNE   | 165 | 6  | 7  | 7  | F   | F   | F   | F   |
| 7    | 79      | 79  | 75 | 78 | 3109    | 0       | 8           | 8  | 7  | 14      | NNE | 12  | NNE | 10  | NNE | 10  | NNE   | 115 | 5  | 5  | 4  | F   | F/U | F/U | F/U |
| 8    | 77      | 76  | 72 | 76 | 3109    | 0       | 7           | 8  | 7  | 12      | NNE | 14  | NNE | 16  | NNE | 14  | NNE   | 140 | 5  | 6  | 6  | F   | F   | F   | F   |
| 9    | 71      | 74  | 71 | 72 | 3095    | 0       | 8           | 7  | 7  | 8       | NNE | 8   | NNE | 9   | N   | 14  | NNE   | 98  | 4  | 4  | 4  | F/U | F/U | F/U | F/U |
| 10   | 72      | 76  | 73 | 73 | 3072    | 0       | 8           | 7  | 7  | 5       | N   | 7   | NNE | 10  | NE  | 12  | NE    | 85  | 2  | 3  | 4  | U/F | F/U | F   | F   |
| 11   | 71      | 74  | 71 | 72 | 3064    | *       | 7           | 8  | 8  | 14      | NE  | 16  | NNE | 16  | NNE | 14  | NNE   | 150 | 5  | 6  | 6  | F/U | F/U | F   | F   |
| 12   | 68      | 75  | 75 | 72 | 3068    | *       | 7           | 7  | 7  | 9       | NNE | 12  | NNE | 10  | NNE | 10  | NNE   | 103 | 3  | 5  | 4  | F/U | F   | F/U | F/U |
| 13   | 71      | 84  | 74 | 75 | 3048    | *       | 8           | 8  | 8  | 9       | NNE | 10  | NNE | 10  | NNE | 14  | NE    | 108 | 3  | 4  | 5  | F/U | F/U | F/U | F/U |
| 14   | 78      | 79  | 78 | 78 | 3005    | *       | 7           | 7  | 6  | 10      | NNE | 2   | NE  | 4   | ENE | 6   | NE    | 55  | 4  | 2  | 3  | F/U | F   | F   | F   |
| 15   | 73      | 84  | 77 | 77 | 3019    | *       | 9           | 9  | 9  | 2       | NNE | 9   | NNE | 12  | NE  | 12  | NE    | 88  | 1  | 4  | 5  | U/F | F/U | F   | F   |
| 16   | 72      | 77  | 74 | 74 | 3030    | 31      | 8           | 7  | 7  | 12      | NE  | 12  | NNE | 9   | NNE | 12  | NE    | 113 | 4  | 4  | 4  | F/U | F/U | F   | F   |
| 17   | 74      | 78  | 77 | 76 | 3028    | 0       | 8           | 8  | 7  | 9       | NNE | 8   | NNE | 7   | NNE | 7   | NNE   | 78  | 3  | 3  | 3  | F/U | F/U | F   | F   |
| 18   | 79      | 85  | 82 | 81 | 3037    | 0       | 8           | 9  | 7  | 5       | NNE | 6   | NE  | 7   | ENE | 9   | NE    | 68  | 2  | 2  | 3  | U/F | U/F | F/U | F   |
| 19   | 79      | 82  | 78 | 80 | 3034    | 0       | 7           | 7  | 7  | 12      | NE  | 12  | NNE | 12  | NE  | 14  | NNE   | 125 | 5  | 5  | 6  | F   | F   | F   | F   |
| 20   | 72      | 77  | 74 | 74 | 3037    | 31      | 7           | 7  | 7  | 10      | NNE | 14  | NE  | 10  | NNE | 10  | NE    | 110 | 4  | 5  | 4  | F/U | F/U | F/U | F/U |
| 21   | 74      | 85  | 80 | 78 | 3026    | 0       | 7           | 8  | 7  | 7       | N   | 7   | NNE | 9   | NNE | 10  | NE    | 83  | 3  | 4  | 4  | U/F | F/U | F/U | F/U |
| 22   | 80      | 83  | 79 | 81 | 3026    | 0       | 8           | 7  | 7  | 8       | N   | 8   | NNE | 10  | NNE | 10  | NNE   | 90  | 3  | 3  | 4  | F   | F   | F   | F   |
| 23   | 79      | 83  | 80 | 80 | 3028    | 0       | 7           | 8  | 7  | 9       | NNE | 12  | NNE | 10  | NE  | 10  | NNE   | 103 | 4  | 5  | 4  | F   | F   | F   | F   |
| 24   | 75      | 84  | 78 | 78 | 3032    | 0       | 7           | 8  | 7  | 14      | NNE | 16  | NE  | 16  | NE  | 14  | NE    | 150 | 5  | 6  | 7  | F/U | F   | F   | F   |
| 25   | 71      | 83  | 79 | 76 | 3043    | 0       | 8           | 8  | 7  | 10      | NNE | 14  | NE  | 14  | NE  | 10  | NE    | 120 | 4  | 6  | 6  | F/U | F/U | F   | F   |
| 26   | 75      | 80  | 81 | 78 | 3043    | 0       | 8           | 8  | 8  | 8       | N   | 9   | NNE | 10  | NNE | 10  | NNE   | 93  | 3  | 3  | 4  | U/F | U/F | F/U | F/U |
| 27   | 81      | 87  | 84 | 83 | 3043    | 0       | 7           | 7  | 7  | 9       | N   | 9   | NNE | 6   | NNE | 8   | NNE   | 80  | 3  | 3  | 3  | F/U | F/U | F/U | F/U |
| 28   | 84      | 106 | 93 | 92 | 3039    | 0       | 8           | 9  | 8  | 2       | NW  | 3   | WSW | 2   | ESE | 0   | C     | 18  | 1  | 1  | 1  | F/U | U/F | F   | F   |
| 29   | 95      | 97  | 91 | 95 | 3039    | 0       | 8           | 7  | 7  | 7       | NE  | 10  | NE  | 10  | NE  | 10  | NE    | 93  | 3  | 4  | 5  | U/F | F/U | F   | F   |
| 30   |         |     |    |    |         |         |             |    |    |         |     |     |     |     |     |     |       |     |    |    |    |     |     |     |     |
| 31   |         |     |    |    |         |         |             |    |    |         |     |     |     |     |     |     |       |     |    |    |    |     |     |     |     |
| 上旬平均 | 85      | 86  | 84 | 85 | 3112    |         |             |    |    | 127     |     | 133 |     | 125 |     | 138 |       | 131 |    |    |    |     |     |     |     |
| 中旬平均 | 74      | 80  | 76 | 76 | 3037    |         |             |    |    | 92      |     | 101 |     | 97  |     | 108 |       | 100 |    |    |    |     |     |     |     |
| 下旬平均 | 79      | 88  | 83 | 82 | 3035    |         |             |    |    | 82      |     | 98  |     | 97  |     | 91  |       | 92  |    |    |    |     |     |     |     |
| 月平均  | 79      | 84  | 81 | 81 | 3062    |         |             |    |    | 101     |     | 111 |     | 107 |     | 113 |       | 108 |    |    |    |     |     |     |     |

| 日<br>期 | 风 浪 向 |     |     |     | 涌 浪 向 |     |     |     | 周 期 (秒) |    |    |    |    | 波 高 (米) |    |    |    |    | 最大波高(米) |    |    |    | 测波点水深(米) |     |     |    |  |
|--------|-------|-----|-----|-----|-------|-----|-----|-----|---------|----|----|----|----|---------|----|----|----|----|---------|----|----|----|----------|-----|-----|----|--|
|        | 08    | 11  | 14  | 17  | 08    | 11  | 14  | 17  | 08      | 11 | 14 | 17 | 平均 | 08      | 11 | 14 | 17 | 平均 | 08      | 11 | 14 | 17 | 08       | 11  | 14  | 17 |  |
| 1      | NE    | NE  | NE  | NE  | SSE   | C   | C   | C   | 24      | 25 | 34 | 33 | 29 | 08      | 10 | 07 | 10 | 09 | 09      | 11 | 08 | 11 | 47       | 89  | 98  | 71 |  |
| 2      | NNE   | NNE | NNE | NNE | C     | C   | C   | C   | 31      | 34 | 37 | 34 | 34 | 12      | 10 | 12 | 09 | 11 | 14      | 12 | 13 | 10 | 45       | 79  | 99  | 78 |  |
| 3      | NNE   | NNE | NNE | NNE | C     | C   | C   | C   | 31      | 28 | 30 | 30 | 30 | 10      | 09 | 10 | 12 | 10 | 10      | 10 | 11 | 13 | 48       | 72  | 97  | 83 |  |
| 4      | NE    | NE  | NE  | NE  | SE    | SE  | SE  | C   | 32      | 28 | 30 | 35 | 31 | 10      | 10 | 14 | 14 | 12 | 11      | 13 | 14 | 15 | 53       | 67  | 93  | 86 |  |
| 5      | NE    | NE  | NE  | NE  | C     | SE  | SE  | SE  | 33      | 31 | 26 | 31 | 30 | 14      | 11 | 11 | 11 | 12 | 14      | 12 | 12 | 12 | 60       | 65  | 87  | 87 |  |
| 6      | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 43      | 29 | 28 | 36 | 34 | 12      | 14 | 12 | 14 | 13 | 13      | 14 | 13 | 15 | 66       | 64  | 84  | 88 |  |
| 7      | NE    | NE  | NE  | NE  | C     | SE  | SE  | SE  | 30      | 38 | 40 | 41 | 37 | 14      | 13 | 11 | 12 | 13 | 15      | 14 | 12 | 13 | 73       | 66  | 77  | 86 |  |
| 8      | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 30      | 30 | 31 | 31 | 31 | 11      | 12 | 13 | 12 | 12 | 12      | 14 | 15 | 14 | 78       | 69  | 75  | 83 |  |
| 9      | NNE   | NNE | NNE | NNE | SSE   | SSE | SSE | SSE | 28      | 31 | 30 | 33 | 31 | 10      | 08 | 09 | 10 | 09 | 11      | 08 | 09 | 12 | 82       | 75  | 72  | 80 |  |
| 10     | NNE   | NNE | NE  | NE  | SE    | SE  | C   | C   | 27      | 25 | 30 | 33 | 29 | 04      | 06 | 08 | 09 | 07 | 05      | 06 | 09 | 10 | 86       | 80  | 70  | 74 |  |
| 11     | NNE   | NNE | NE  | NE  | SE    | SE  | C   | C   | 26      | 25 | 31 | 29 | 28 | 10      | 11 | 11 | 11 | 11 | 10      | 12 | 13 | 13 | 87       | 86  | 70  | 68 |  |
| 12     | NE    | NE  | NE  | NE  | SE    | C   | SE  | SE  | 29      | 28 | 27 | 31 | 29 | 08      | 13 | 11 | 13 | 11 | 09      | 14 | 12 | 14 | 84       | 92  | 71  | 62 |  |
| 13     | NE    | NE  | NE  | NE  | SSE   | SSE | SSE | SSE | 30      | 22 | 26 | 26 | 27 | 07      | 07 | 05 | 10 | 07 | 08      | 08 | 06 | 11 | 79       | 98  | 76  | 57 |  |
| 14     | NE    | NE  | NE  | NE  | SE    | SE  | SE  | SE  | 34      | 34 | 45 | 37 | 38 | 08      | 04 | 06 | 06 | 06 | 08      | 05 | 06 | 07 | 71       | 101 | 82  | 56 |  |
| 15     | *     | NE  | NE  | NE  | SE    | SE  | C   | C   | 31      | 22 | 27 | 33 | 28 | 05      | 06 | 12 | 14 | 09 | 05      | 06 | 14 | 16 | 61       | 100 | 91  | 59 |  |
| 16     | NE    | NE  | NE  | NE  | SSE   | SSE | SSE | SSE | 27      | 24 | 34 | 29 | 29 | 09      | 09 | 14 | 10 | 11 | 10      | 11 | 15 | 11 | 51       | 97  | 98  | 64 |  |
| 17     | NE    | NE  | NE  | NE  | SE    | SE  | SE  | SE  | 33      | 29 | 37 | 34 | 33 | 07      | 07 | 07 | 08 | 07 | 08      | 07 | 08 | 09 | 46       | 90  | 103 | 71 |  |
| 18     | NE    | NE  | NE  | NE  | SE    | SE  | SE  | C   | 29      | 25 | 29 | 31 | 29 | 06      | 05 | 06 | 08 | 06 | 07      | 06 | 07 | 08 | 42       | 79  | 103 | 80 |  |
| 19     | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 30      | 24 | 24 | 31 | 27 | 13      | 11 | 13 | 15 | 13 | 14      | 13 | 14 | 16 | 47       | 69  | 101 | 89 |  |
| 20     | NE    | NE  | NE  | NE  | SSE   | SSE | SSE | SSE | 38      | 31 | 24 | 32 | 31 | 09      | 09 | 08 | 08 | 09 | 10      | 11 | 09 | 08 | 56       | 61  | 94  | 93 |  |
| 21     | NNE   | NE  | NE  | NE  | SE    | SE  | SSE | SSE | 38      | 31 | 27 | 29 | 31 | 06      | 05 | 06 | 07 | 06 | 07      | 06 | 06 | 08 | 67       | 59  | 85  | 94 |  |
| 22     | NNE   | NE  | NE  | NE  | C     | C   | C   | C   | 27      | 25 | 24 | 24 | 25 | 04      | 04 | 06 | 07 | 05 | 05      | 05 | 07 | 08 | 78       | 61  | 75  | 90 |  |
| 23     | NE    | NE  | NE  | NE  | C     | C   | SE  | SE  | 22      | 23 | 26 | 27 | 25 | 06      | 09 | 07 | 08 | 08 | 07      | 10 | 08 | 09 | 87       | 70  | 68  | 84 |  |
| 24     | NE    | NE  | NE  | NE  | SSE   | C   | C   | C   | 28      | 34 | 28 | 34 | 31 | 10      | 10 | 13 | 09 | 11 | 11      | 12 | 14 | 10 | 93       | 80  | 63  | 74 |  |
| 25     | NE    | NE  | NE  | NE  | SE    | SE  | C   | C   | 27      | 22 | 29 | 28 | 27 | 08      | 12 | 10 | 10 | 10 | 08      | 14 | 11 | 10 | 92       | 89  | 64  | 63 |  |
| 26     | NNE   | NE  | NE  | NE  | SE    | SE  | SE  | SE  | 26      | 25 | 28 | 22 | 25 | 05      | 05 | 07 | 05 | 06 | 06      | 06 | 08 | 06 | 86       | 96  | 68  | 56 |  |
| 27     | NNE   | NNE | NE  | NE  | SSE   | SSE | SSE | SSE | 25      | 23 | 30 | 31 | 27 | 02      | 05 | 05 | 05 | 04 | 02      | 06 | 05 | 06 | 78       | 101 | 76  | 53 |  |
| 28     | *     | *   | C   | C   | SSE   | SSW | C   | C   | 37      | 36 | 00 | 00 | 18 | 03      | 02 | 00 | 00 | 01 | 04      | 03 | 00 | 00 | 69       | 101 |     |    |  |
| 29     | NE    | NE  | NE  | NE  | SE    | SE  | C   | C   | 30      | 32 | 26 | 26 | 26 | 06      | 07 | 08 | 09 | 08 | 07      | 07 | 08 | 10 | 60       | 99  | 90  | 57 |  |
| 30     |       |     |     |     |       |     |     |     |         |    |    |    |    |         |    |    |    |    |         |    |    |    |          |     |     |    |  |
| 31     |       |     |     |     |       |     |     |     |         |    |    |    |    |         |    |    |    |    |         |    |    |    |          |     |     |    |  |
| 上旬平均   |       |     |     |     |       |     |     |     | 31      | 30 | 32 | 34 | 32 | 11      | 10 | 11 | 11 | 11 |         |    |    |    |          |     |     |    |  |
| 中旬平均   |       |     |     |     |       |     |     |     | 31      | 26 | 31 | 31 | 30 | 08      | 08 | 09 | 10 | 09 |         |    |    |    |          |     |     |    |  |
| 下旬平均   |       |     |     |     |       |     |     |     | 29      | 27 | 24 | 25 | 26 | 06      | 07 | 07 | 07 | 07 |         |    |    |    |          |     |     |    |  |
| 月平均    |       |     |     |     |       |     |     |     | 30      | 28 | 29 | 30 | 29 | 08      | 08 | 09 | 10 | 09 |         |    |    |    |          |     |     |    |  |

# 平 海

三月

| 日期   | 表层水温(℃) |     |     |     | 表层盐度(‰) | 海发光类型和级 | 海面能见度(千米或级) |    |    | 风速(米/秒) |     |    |     | 风向 |     | 平均 | 海况(级) |     |    |    | 波型 |    |     |     |     |     |  |
|------|---------|-----|-----|-----|---------|---------|-------------|----|----|---------|-----|----|-----|----|-----|----|-------|-----|----|----|----|----|-----|-----|-----|-----|--|
|      | 08      | 14  | 20  | 平均  |         |         | 08          | 14 | 20 | 08      |     | 11 |     | 14 |     |    | 17    |     | 08 | 11 | 14 | 17 |     |     |     |     |  |
|      |         |     |     |     |         |         |             |    |    | 速       | 向   | 速  | 向   | 速  | 向   |    | 速     | 向   |    |    |    |    |     |     |     |     |  |
| 1    | 83      | 91  | 83  | 85  | 3039    | 0       | 8           | 8  | 7  | 12      | NE  | 16 | NE  | 18 | NE  | 14 | NNE   | 150 | 5  | 6  | 7  | 6  | F   | F   | F   | F   |  |
| 2    | 81      | 91  | 86  | 85  | 3043    | *       | 7           | 8  | 8  | 10      | NE  | 10 | NE  | 8  | NE  | 9  | NE    | 93  | 4  | 4  | 4  | 4  | U/F | F/U | F/U | F/U |  |
| 3    | 82      | 98  | 90  | 88  | 3044    | *       | 8           | 8  | 8  | 7       | NNE | 10 | NE  | 8  | NE  | 7  | NE    | 80  | 3  | 4  | 4  | 3  | U/F | F   | F   | F   |  |
| 4    | 86      | 105 | 105 | 96  | 3052    | *       | 7           | 8  | 8  | 7       | NW  | 0  | C   | 2  | SSE | 3  | SSE   | 30  | 3  | 1  | 1  | 2  | U/F | U/F | U/F | F   |  |
| 5    | 95      | 115 | 115 | 105 | 3059    | *       | 8           | 8  | 8  | 4       | WSW | 2  | SW  | 7  | SSW | 10 | SSW   | 58  | 1  | 1  | 3  | 4  | F   | F   | F   | F   |  |
| 6    | 102     | 111 | 104 | 105 | 3068    | *       | 7           | 8  | 7  | 9       | NNE | 5  | NE  | 3  | ENE | 6  | SE    | 58  | 3  | 2  | 1  | 2  | F/U | F/U | F   | F   |  |
| 7    | 106     | 136 | 137 | 121 | 3062    | 0       | 7           | 8  | 7  | 0       | C   | 2  | SW  | 3  | SSW | 5  | SW    | 25  | 1  | 1  | 1  | 3  | U/F | F   | F/U | F/U |  |
| 8    | 107     | 118 | 111 | 111 | 3068    | 0       | 7           | 8  | 7  | 16      | NE  | 16 | NE  | 16 | NE  | 14 | NE    | 155 | 5  | 6  | 6  | 5  | F   | F   | F   | F   |  |
| 9    | 102     | 112 | 107 | 106 | 3072    | *       | 8           | 8  | 8  | 14      | NNE | 16 | NE  | 16 | NNE | 16 | NNE   | 155 | 5  | 6  | 6  | 6  | F   | F   | F   | F   |  |
| 10   | 102     | 118 | 107 | 107 | 3075    | *       | 8           | 8  | 8  | 5       | NNW | 6  | NNE | 8  | ENE | 6  | ENE   | 63  | 2  | 3  | 4  | 3  | U/F | F/U | F/U | F/U |  |
| 11   | 106     | 123 | 119 | 114 | 3068    | *       | 7           | 7  | 7  | 4       | SW  | 4  | SW  | 3  | S   | 3  | S     | 35  | 1  | 1  | 1  | 1  | F/U | F   | F   | F   |  |
| 12   | 111     | 119 | 112 | 113 | 3075    | *       | 8           | 8  | 8  | 9       | NE  | 10 | NE  | 12 | ENE | 12 | ENE   | 108 | 4  | 5  | 5  | 5  | F/U | F   | F   | F   |  |
| 13   | 108     | 117 | 115 | 112 | 3104    | *       | 8           | 8  | 8  | 8       | NNE | 8  | NNE | 8  | ENE | 7  | NE    | 78  | 4  | 4  | 3  | 3  | FU  | F   | F   | F   |  |
| 14   | 117     | 123 | 124 | 120 | 3099    | *       | 8           | 8  | 8  | 8       | NNE | 10 | NE  | 12 | NE  | 12 | NE    | 105 | 3  | 4  | 5  | 5  | F/U | F/U | F   | F   |  |
| 15   | 121     | 145 | 133 | 130 | 3100    | *       | 7           | 7  | 7  | 0       | C   | 2  | SSE | 5  | SSE | 2  | SSE   | 23  | 0  | 1  | 1  | 1  |     |     |     |     |  |
| 16   | 133     | 137 | 125 | 132 | 3106    | 0       | 7           | 8  | 7  | 5       | NE  | 8  | NE  | 10 | NE  | 10 | ENE   | 83  | 2  | 3  | 4  | 5  | F/U | F   | F   | F   |  |
| 17   | 118     | 127 | 123 | 122 | 3131    | 0       | 8           | 7  | 7  | 10      | NNE | 10 | NNE | 10 | NE  | 10 | NE    | 100 | 4  | 4  | 4  | 4  | F/U | F/U | F/U | F/U |  |
| 18   | 125     | 133 | 129 | 128 | 3132    | 0       | 7           | 7  | 7  | 1       | NNE | 3  | ENE | 3  | ENE | 3  | ENE   | 25  | 1  | 2  | 2  | 2  | U/F | U/F | U/F | U/F |  |
| 19   | 130     | 135 | 137 | 133 | 3149    | 0       | 7           | 8  | 7  | 3       | ENE | 1  | SSE | 0  | C   | 0  | C     | 10  | 1  | 1  | 0  | 0  |     |     |     |     |  |
| 20   | 135     | 136 | 137 | 136 | 3142    | S1      | 2           | 2  | 1  | 5       | S   | 5  | WSW | 14 | SW  | 7  | SSW   | 78  | -  | -  | -  | -  | -   | -   | -   | -   |  |
| 21   | 131     | 143 | 137 | 136 | 3183    | S1      | 5           | 7  | 7  | 9       | ENE | 9  | NE  | 9  | ENE | 9  | ENE   | 90  | 4  | 4  | 4  | 4  | F   | F   | F   | F   |  |
| 22   | 133     | 134 | 130 | 133 | 3194    | S1      | 7           | 7  | 6  | 12      | NE  | 10 | NE  | 14 | NE  | 12 | NE    | 120 | 4  | 4  | 5  | 5  | F   | F   | F   | F   |  |
| 23   | 127     | 138 | 130 | 131 | 3176    | S1      | 7           | 8  | 6  | 10      | NNE | 10 | NNE | 14 | NE  | 10 | NNE   | 110 | 4  | 5  | 5  | 5  | F   | F   | F   | F   |  |
| 24   | 124     | 123 | 122 | 123 | 3153    | S1      | 7           | 6  | 6  | 12      | NE  | 14 | NE  | 12 | NE  | 14 | NE    | 130 | 5  | 5  | 5  | 5  | F   | F   | F   | F   |  |
| 25   | 118     | 121 | 117 | 119 | 3144    | S1      | 7           | 8  | 7  | 12      | NNE | 12 | NE  | 12 | NE  | 9  | NE    | 113 | 5  | 5  | 5  | 4  | F   | F   | F   | F   |  |
| 26   | 114     | 118 | 114 | 115 | 3135    | S1      | 7           | 8  | 7  | 12      | NE  | 9  | NNE | 10 | NE  | 9  | NNE   | 100 | 4  | 4  | 4  | 4  | F/U | F/U | F   | F   |  |
| 27   | 115     | 119 | 117 | 117 | 3142    | S1      | 8           | 8  | 7  | 8       | NNE | 6  | NNE | 8  | NE  | 7  | NE    | 73  | 3  | 3  | 4  | 3  | F/U | F/U | F/U | F/U |  |
| 28   | 118     | 125 | 126 | 122 | 3146    | S1      | 6           | 8  | 7  | 7       | NNW | 12 | NE  | 10 | NNE | 8  | NNE   | 93  | 2  | 5  | 5  | 4  | U/F | F   | F   | F   |  |
| 29   | 123     | 125 | 126 | 124 | 3158    | 0       | 5           | 3  | 4  | 1       | NW  | 1  | SW  | 3  | SE  | 2  | NE    | 18  | 1  | 1  | 1  | 1  |     |     |     | U/F |  |
| 30   | 125     | 125 | 124 | 125 | 3156    | S1      | 7           | 7  | 7  | 10      | NE  | 10 | NE  | 10 | NE  | 9  | NNE   | 98  | 4  | 5  | 5  | 4  | F   | F   | F   | F   |  |
| 31   | 120     | 122 | 121 | 121 | 3162    | S1      | 7           | 8  | 7  | 9       | NNE | 7  | NNE | 5  | NE  | 5  | NE    | 65  | 4  | 4  | 2  | 2  | F/U | F/U | F   | F   |  |
| 上旬平均 | 95      | 110 | 105 | 101 | 3058    |         |             |    |    | 84      | 83  | 89 | 90  | 87 |     |    |       |     |    |    |    |    |     |     |     |     |  |
| 中旬平均 | 120     | 130 | 125 | 124 | 3111    |         |             |    |    | 53      | 61  | 77 | 66  | 65 |     |    |       |     |    |    |    |    |     |     |     |     |  |
| 下旬平均 | 123     | 127 | 124 | 124 | 3159    |         |             |    |    | 93      | 91  | 97 | 85  | 92 |     |    |       |     |    |    |    |    |     |     |     |     |  |
| 月平均  | 113     | 122 | 118 | 117 | 3111    |         |             |    |    | 77      | 79  | 88 | 81  | 81 |     |    |       |     |    |    |    |    |     |     |     |     |  |

| 日<br>期 | 风 浪 向 |     |     |     | 涌 浪 向 |     |     |     | 周 期 (秒) |      |    |      |      | 波 高 (米) |    |    |    |    | 最大波高(米) |      |    |      | 测波点水深(米) |     |     |    |  |
|--------|-------|-----|-----|-----|-------|-----|-----|-----|---------|------|----|------|------|---------|----|----|----|----|---------|------|----|------|----------|-----|-----|----|--|
|        | 08    | 11  | 14  | 17  | 08    | 11  | 14  | 17  | 08      | 11   | 14 | 17   | 平均   | 08      | 11 | 14 | 17 | 平均 | 08      | 11   | 14 | 17   | 08       | 11  | 14  | 17 |  |
| 1      | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 26      | 28   | 32 | 27   | 28   | 09      | 12 | 14 | 12 | 12 | 10      | 13   | 15 | 13   | 53       | 93  | 94  | 57 |  |
| 2      | NE    | NE  | NE  | NE  | SE    | SE  | SE  | SE  | 35      | 21   | 24 | 27   | 27   | 10      | 08 | 07 | 05 | 08 | 11      | 08   | 08 | 05   | 50       | 87  | 96  | 63 |  |
| 3      | NE    | NE  | NE  | NE  | SSE   | C   | C   | C   | 34      | 27   | 26 | 30   | 29   | 05      | 05 | 05 | 06 | 05 | 06      | 06   | 05 | 06   | 50       | 81  | 96  | 68 |  |
| 4      | N     | *   | *   | SSE | SE    | SE  | SSE | C   | 27      | 36   | 39 | 26   | 32   | 04      | 03 | 04 | 03 | 04 | 04      | 04   | 05 | 04   | 53       | 76  | 94  | 73 |  |
| 5      | C     | C   | SW  | SW  | C     | C   | C   | C   | 00      | 00   | 19 | 22   | 10   | 00      | 00 | 04 | 05 | 02 | 00      | 00   | 05 | 06   |          |     | 91  | 78 |  |
| 6      | NE    | NE  | C   | SE  | SSE   | SSE | C   | C   | 26      | 22   | 00 | 24   | 18   | 04      | 03 | 00 | 03 | 03 | 05      | 03   | 00 | 04   | 63       | 69  |     | 80 |  |
| 7      | C     | C   | S   | SSW | C     | C   | SSW | SSW | 00      | 00   | 34 | 28   | 16   | 00      | 00 | 05 | 06 | 03 | 00      | 00   | 06 | 07   |          |     | 83  | 82 |  |
| 8      | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 29      | 30   | 33 | 31   | 31   | 07      | 09 | 10 | 12 | 10 | 08      | 11   | 11 | 13   | 75       | 69  | 78  | 82 |  |
| 9      | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 37      | 27   | 29 | 23   | 29   | 12      | 11 | 11 | 10 | 11 | 14      | 14   | 14 | 10   | 81       | 72  | 73  | 81 |  |
| 10     | N     | NE  | NE  | ENE | SSE   | SSE | SSE | SSE | 28      | 24   | 28 | 27   | 27   | 06      | 05 | 05 | 05 | 05 | 06      | 06   | 06 | 06   | 85       | 77  | 68  | 77 |  |
| 11     | C     | C   | C   | C   | C     | C   | C   | C   | 00      | 00   | 00 | 00   | 00   | 00      | 00 | 00 | 00 | 00 | 00      | 00   | 00 | 00   |          |     |     |    |  |
| 12     | NE    | NE  | ENE | ENE | SSE   | C   | C   | C   | 27      | 29   | 32 | 35   | 31   | 06      | 08 | 09 | 10 | 08 | 08      | 08   | 09 | 11   | 88       | 90  | 66  | 62 |  |
| 13     | NE    | NE  | NE  | NE  | SE    | C   | C   | C   | 26      | 25   | 28 | 27   | 27   | 04      | 04 | 04 | 04 | 04 | 05      | 05   | 05 | 05   | 84       | 97  | 69  | 54 |  |
| 14     | NE    | NE  | NE  | NE  | SE    | SE  | C   | C   | 21      | 25   | 25 | 21   | 23   | 02      | 05 | 07 | 05 | 05 | 02      | 06   | 08 | 06   | 77       | 102 | 75  | 48 |  |
| 15     | C     | C   | C   | C   | C     | C   | C   | C   | 00      | 00   | 00 | 00   | 00   | 00      | 00 | 00 | 00 | 00 | 00      | 00   | 00 | 00   |          |     |     |    |  |
| 16     | NE    | NE  | NE  | ENE | SE    | C   | C   | C   | 20      | 22   | 23 | 28   | 23   | 03      | 04 | 05 | 07 | 05 | 04      | 05   | 05 | 08   | 57       | 102 | 91  | 47 |  |
| 17     | NE    | NE  | NE  | NE  | SE    | SE  | SE  | SE  | 26      | 28   | 37 | 33   | 31   | 08      | 07 | 07 | 09 | 08 | 08      | 08   | 07 | 10   | 48       | 95  | 98  | 53 |  |
| 18     | *     | ENE | ENE | ENE | S     | SSE | SSE | SSE | 43      | 28   | 33 | 46   | 38   | 07      | 06 | 02 | 03 | 05 | 08      | 06   | 03 | 04   | 45       | 86  | 102 | 63 |  |
| 19     | C     | C   | C   | C   | C     | C   | C   | C   | 00      | 00   | 00 | 00   | 00   | 00      | 00 | 00 | 00 | 00 | 00      | 00   | 00 | 00   |          |     |     |    |  |
| 20     | -     | -   | SW  | -   | -     | -   | -   | -   | -       | -    | 29 | -    | -    | -       | -  | 11 | -  | -  | -       | -    | 13 | -    |          |     |     | 96 |  |
| 21     | NE    | NE  | NE  | ENE | C     | C   | C   | C   | 25      | 25   | 22 | 21   | 23   | 05      | 05 | 05 | 05 | 05 | 06      | 06   | 05 | 05   | 65       | 62  | 87  | 88 |  |
| 22     | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 28      | 28   | 25 | 27   | 27   | 08      | 09 | 09 | 08 | 09 | 09      | 09   | 10 | 09   | 76       | 62  | 77  | 88 |  |
| 23     | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 29      | 28   | 27 | 28   | 28   | 06      | 08 | 09 | 08 | 08 | 07      | 08   | 09 | 08   | 86       | 68  | 68  | 84 |  |
| 24     | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 28      | 27   | 29 | 27   | 28   | 09      | 10 | 09 | 09 | 09 | 11      | 10   | 10 | 10   | 91       | 76  | 62  | 76 |  |
| 25     | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 31      | 32   | 32 | 31   | 32   | 09      | 10 | 10 | 09 | 10 | 10      | 11   | 11 | 10   | 92       | 85  | 60  | 66 |  |
| 26     | NE    | NE  | NE  | NE  | SSE   | SSE | C   | C   | 23      | 27   | 32 | 31   | 28   | 08      | 08 | 08 | 06 | 08 | 08      | 08   | 09 | 07   | 89       | 93  | 63  | 57 |  |
| 27     | NE    | NE  | NE  | NE  | SSE   | SSE | SSE | SSE | 28      | 30   | 32 | 31   | 30   | 03      | 07 | 07 | 05 | 06 | 03      | 07   | 08 | 05   | 83       | 98  | 68  | 50 |  |
| 28     | NE    | NE  | NE  | NE  | SE    | SSE | C   | C   | 33      | 25   | 27 | 31   | 29   | 07      | 08 | 07 | 06 | 07 | 07      | 08   | 07 | 07   | 75       | 100 | 75  | 47 |  |
| 29     | C     | C   | C   | *   | C     | C   | C   | SE  | 00      | 00   | 00 | -    | -    | 00      | 00 | 00 | 03 | 01 | 00      | 00   | 00 | 04   |          |     |     |    |  |
| 30     | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 28      | 31   | 30 | 31   | 30   | 07      | 07 | 08 | 09 | 08 | 08      | 08   | 08 | 10   | 61       | 97  | 86  | 50 |  |
| 31     | NE    | NE  | NE  | NE  | SE    | SE  | C   | C   | 28      | 29   | 25 | 28   | 28   | 05      | 06 | 04 | 05 | 05 | 06      | 07   | 05 | 06   | 57       | 93  | 89  | 55 |  |
| 上旬平均   |       |     |     |     |       |     |     |     | 24      | 22   | 26 | 27   | 25   |         |    |    |    |    | 06      | 06   | 07 | 07   | 06       |     |     |    |  |
| 中旬平均   |       |     |     |     |       |     |     |     | (18)    | (17) | 21 | (21) | (19) |         |    |    |    |    | (03)    | (04) | 05 | (04) | (04)     |     |     |    |  |
| 下旬平均   |       |     |     |     |       |     |     |     | 26      | 26   | 26 | (29) | (28) |         |    |    |    |    | 06      | 07   | 07 | 07   | 07       |     |     |    |  |
| 月平均    |       |     |     |     |       |     |     |     | (23)    | (22) | 24 | (26) | (24) |         |    |    |    |    | (05)    | (06) | 06 | (06) | (06)     |     |     |    |  |

# 平 海

四月

| 日期   | 表层水温(℃) |     |     |     | 表层盐度(‰) | 海发光类型和级 | 海面能见度(千米或级) |    |    | 风速(米/秒) |     |    |     | 风向 |     | 平均 | 海况(级) |     |    | 波型 |    |    |     |     |     |     |
|------|---------|-----|-----|-----|---------|---------|-------------|----|----|---------|-----|----|-----|----|-----|----|-------|-----|----|----|----|----|-----|-----|-----|-----|
|      | 08      | 14  | 20  | 平均  |         |         | 08          | 14 | 20 | 08      |     | 11 |     | 14 |     |    | 17    |     | 08 | 11 | 14 | 17 |     |     |     |     |
|      |         |     |     |     | 速       | 向       |             |    |    | 速       | 向   | 速  | 向   | 速  | 向   | 速  | 向     | 速   |    |    |    |    | 向   |     |     |     |
| 1    | 121     | 127 | 123 | 123 | 3174    | S1      | 8           | 8  | 7  | 7       | NE  | 4  | NNE | 7  | NE  | 8  | NNE   | 65  | 2  | 2  | 3  | 3  | PU  | U/F | F/U | F/U |
| 2    | 123     | 126 | 125 | 124 | 3167    | S1      | 8           | 8  | 7  | 5       | NNE | 7  | NE  | 8  | NNE | 7  | NE    | 68  | 2  | 3  | 3  | 3  | PU  | F/U | F/U | F/U |
| 3    | 126     | 129 | 127 | 127 | 3165    | S1      | 7           | 7  | 7  | 2       | NNE | 3  | NNE | 2  | NNE | 2  | NNE   | 23  | 1  | 1  | 1  | 1  | U/F | U/F | U/F |     |
| 4    | 130     | 137 | 132 | 132 | 3171    | *       | 8           | 8  | 8  | 8       | NNE | 7  | NNE | 8  | NE  | 7  | NE    | 75  | 3  | 3  | 3  | 3  | U/F | U/F | U/F | U/F |
| 5    | 134     | 147 | 137 | 138 | 3179    | *       | 7           | 7  | 7  | 6       | NNE | 6  | NE  | 9  | NNE | 9  | NE    | 75  | 2  | 2  | 3  | 3  | F/U | F/U | F   | F   |
| 6    | 138     | 152 | 138 | 142 | 3183    | *       | 8           | 8  | 8  | 3       | NW  | 6  | NE  | 5  | ENE | 3  | ENE   | 43  | 1  | 2  | 1  | 1  |     | U/F | U/F |     |
| 7    | 143     | 179 | 173 | 160 | 3178    | *       | 6           | 7  | 7  | 0       | C   | 2  | S   | 2  | S   | 3  | SE    | 18  | 0  | 1  | 1  | 1  |     |     |     |     |
| 8    | 151     | 167 | 157 | 157 | (3581)  | *       | 7           | 7  | 7  | 0       | C   | 1  | SSW | 3  | SE  | 9  | SSW   | 33  | 0  | 1  | 3  | 4  |     | F   | F   | F   |
| 9    | 161     | 170 | 165 | 164 | 3178    | *       | 2           | 7  | 7  | 3       | ENE | 3  | E   | 3  | ESE | 8  | S     | 43  | -  | -  | 1  | 3  | -   |     | F   | F   |
| 10   | 159     | 170 | 165 | 163 | 3187    | *       | 2           | 6  | 7  | 5       | NE  | 3  | ENE | 3  | E   | 5  | E     | 40  | 1  | 1  | 1  | 2  | U/F |     | F/U |     |
| 11   | 153     | 156 | 152 | 154 | 3142    | 0       | 7           | 9  | 7  | 16      | NE  | 14 | NE  | 12 | NE  | 12 | NE    | 135 | 6  | 6  | 5  | 5  | F   | F   | F   | F   |
| 12   | 146     | 152 | 147 | 148 | 3162    | *       | 8           | 8  | 8  | 10      | NNE | 10 | NNE | 12 | NE  | 10 | NNE   | 105 | 4  | 4  | 4  | 4  | F   | F   | F   | F   |
| 13   | 147     | 162 | 152 | 152 | 3182    | *       | 7           | 7  | 7  | 9       | NNE | 12 | NNE | 12 | NE  | 10 | NE    | 108 | 4  | 5  | 4  | 4  | F/U | F   | F   | F   |
| 14   | 148     | 157 | 155 | 152 | 3185    | S1      | 8           | 8  | 7  | 7       | NE  | 8  | NNE | 10 | NE  | 9  | NE    | 85  | 3  | 4  | 4  | 4  | F   | F   | F   | F   |
| 15   | 158     | 163 | 163 | 161 | 3187    | S1      | 8           | 8  | 6  | 5       | NNE | 5  | NNE | 6  | ENE | 9  | NE    | 63  | 2  | 2  | 3  | 4  | F/U | F/U | F/U | F   |
| 16   | 163     | 170 | 166 | 166 | 3191    | S1      | 8           | 8  | 7  | 5       | NNE | 6  | NE  | 7  | NE  | 8  | NE    | 65  | 3  | 3  | 3  | 3  | F   | F   | F   | F   |
| 17   | 168     | 176 | 169 | 170 | 3201    | S2      | 8           | 8  | 6  | 8       | NNE | 3  | ENE | 6  | ENE | 4  | E     | 53  | 3  | 1  | 2  | 3  | U/F | U/F | F/U | F   |
| 18   | 171     | 171 | 167 | 170 | 3210    | S1      | 2           | 6  | 6  | 0       | C   | 2  | NE  | 10 | NE  | 12 | NE    | 60  | -  | 1  | 4  | 5  |     | F/U | F   | F   |
| 19   | 164     | 170 | 163 | 165 | 3216    | S1      | 9           | 9  | 7  | 6       | NNE | 10 | NE  | 8  | NE  | 9  | NE    | 83  | 3  | 4  | 4  | 4  | U/F | F/U | F/U | F/U |
| 20   | 159     | 162 | 159 | 160 | 3216    | S2      | 8           | 8  | 7  | 8       | NNE | 7  | NNE | 7  | NNE | 8  | NNE   | 75  | 4  | 3  | 3  | 3  | F/U | F/U | F/U | F   |
| 21   | 157     | 184 | 165 | 166 | 3212    | S2      | 8           | 9  | 8  | 7       | NNE | 5  | ENE | 5  | ESE | 6  | ESE   | 58  | 4  | 3  | 3  | 3  | F   | F   | F   | F   |
| 22   | 166     | 198 | 182 | 178 | 3212    | S1      | 7           | 9  | 8  | 0       | C   | 2  | SSE | 4  | SSE | 2  | SE    | 20  | 1  | 1  | 3  | 2  | U/F |     | F/U |     |
| 23   | 175     | 183 | 174 | 177 | 3220    | S1      | 8           | 8  | 7  | 5       | NNE | 5  | NE  | 5  | NE  | 3  | ENE   | 45  | 2  | 2  | 2  | 1  | F   | F   | F   | F   |
| 24   | 175     | 191 | 183 | 181 | 3221    | S1      | 7           | 8  | 7  | 7       | NNE | 8  | NNE | 8  | NE  | 6  | NE    | 73  | 3  | 4  | 4  | 3  | F/U | F   | F   | F   |
| 25   | 183     | 195 | 187 | 187 | 3225    | S2      | 8           | 8  | 7  | 7       | NNE | 9  | NE  | 9  | NE  | 9  | NE    | 85  | 3  | 4  | 4  | 4  | F/U | F   | F   | F   |
| 26   | 177     | 174 | 169 | 174 | 3223    | S2      | 6           | 7  | 7  | 12      | NE  | 10 | NNE | 12 | NNE | 12 | NNE   | 115 | 5  | 5  | 5  | 5  | F   | F   | F   | F   |
| 27   | 171     | 185 | 177 | 176 | 3223    | S1      | 8           | 8  | 8  | 9       | NNE | 10 | NE  | 8  | NNE | 10 | ENE   | 93  | 4  | 5  | 4  | 5  | F   | F   | F   | F   |
| 28   | 169     | 187 | 174 | 175 | 3223    | S1      | 9           | 9  | 8  | 6       | NNE | 5  | ENE | 5  | E   | 6  | E     | 55  | 3  | 3  | 3  | 3  | F   | F   | F   | F   |
| 29   | 174     | 186 | 182 | 179 | 3225    | S1      | 8           | 8  | 8  | 8       | NNE | 7  | NE  | 7  | NE  | 6  | NE    | 70  | 4  | 4  | 4  | 3  | F/U | F/U | F   | F   |
| 30   | 178     | 196 | 183 | 184 | 3232    | S1      | 8           | 8  | 7  | 7       | NNE | 7  | NNE | 7  | NE  | 9  | NE    | 75  | 3  | 3  | 3  | 4  | F   | F   | F   | F   |
| 31   |         |     |     |     |         |         |             |    |    |         |     |    |     |    |     |    |       |     |    |    |    |    |     |     |     |     |
| 上旬平均 | 139     | 150 | 144 | 143 | 3216    |         |             |    |    | 39      |     | 42 |     | 50 |     | 61 |       | 48  |    |    |    |    |     |     |     |     |
| 中旬平均 | 158     | 164 | 159 | 160 | 3189    |         |             |    |    | 74      |     | 77 |     | 90 |     | 91 |       | 83  |    |    |    |    |     |     |     |     |
| 下旬平均 | 173     | 188 | 178 | 178 | 3222    |         |             |    |    | 68      |     | 68 |     | 70 |     | 69 |       | 69  |    |    |    |    |     |     |     |     |
| 月平均  | 156     | 167 | 160 | 160 | 3209    |         |             |    |    | 60      |     | 62 |     | 70 |     | 74 |       | 67  |    |    |    |    |     |     |     |     |

| 日<br>期 | 风 浪 向 |    |     |     | 涌 浪 向 |     |     |     | 周 期 (秒) |      |    |    |      | 波 高 (米) |      |      |    |      | 最大波高(米) |    |    |    | 测波点水深(米) |     |    |    |  |
|--------|-------|----|-----|-----|-------|-----|-----|-----|---------|------|----|----|------|---------|------|------|----|------|---------|----|----|----|----------|-----|----|----|--|
|        | 08    | 11 | 14  | 17  | 08    | 11  | 14  | 17  | 08      | 11   | 14 | 17 | 平均   | 08      | 11   | 14   | 17 | 平均   | 08      | 11 | 14 | 17 | 08       | 11  | 14 | 17 |  |
| 1      | NE    | NE | NE  | NE  | SSE   | SSE | SSE | SSE | 37      | 34   | 27 | 28 | 32   | 04      | 03   | 07   | 07 | 05   | 04      | 03 | 07 | 07 | 56       | 88  | 91 | 60 |  |
| 2      | NE    | NE | NE  | NE  | SSE   | SSE | SSE | SSE | 24      | 27   | 30 | 29 | 28   | 03      | 06   | 05   | 05 | 05   | 04      | 06 | 05 | 05 | 56       | 83  | 92 | 64 |  |
| 3      | *     | *  | C   | C   | SSE   | SSE | C   | C   | 33      | 29   | 00 | 00 | 16   | 04      | 03   | 00   | 00 | 02   | 04      | 03 | 00 | 00 | 59       | 78  |    |    |  |
| 4      | NE    | NE | NE  | NE  | SSE   | SSE | SSE | SSE | 29      | 28   | 29 | 29 | 29   | 04      | 04   | 05   | 06 | 05   | 05      | 05 | 07 | 62 | 74       | 89  | 75 |    |  |
| 5      | NE    | NE | NE  | NE  | SSE   | SSE | SSE | C   | 34      | 28   | 25 | 25 | 28   | 04      | 04   | 04   | 06 | 05   | 05      | 05 | 07 | 68 | 71       | 85  | 79 |    |  |
| 6      | C     | NE | *   | C   | C     | SSE | SSE | C   | 00      | 34   | 34 | 00 | 17   | 00      | 04   | 03   | 00 | 02   | 00      | 05 | 03 | 00 | 69       | 80  |    |    |  |
| 7      | C     | C  | C   | C   | C     | C   | C   | C   | 00      | 00   | 00 | 00 | 00   | 00      | 00   | 00   | 00 | 00   | 00      | 00 | 00 | 00 |          |     |    |    |  |
| 8      | C     | C  | SSE | S   | C     | C   | C   | C   | 00      | 00   | 26 | 26 | 13   | 00      | 00   | 03   | 06 | 02   | 00      | 00 | 04 | 07 | 66       | 80  |    |    |  |
| 9      | -     | -  | C   | S   | -     | -   | C   | C   | -       | -    | 00 | 22 | -    | -       | -    | 00   | 03 | -    | -       | -  | 00 | 03 |          |     |    |    |  |
| 10     | *     | C  | C   | RSE | SSE   | C   | C   | SSE | 34      | 00   | 00 | 24 | 15   | 03      | 00   | 00   | 04 | 02   | 03      | 00 | 00 | 05 | 93       |     |    |    |  |
| 11     | NE    | NE | NE  | NE  | C     | C   | C   | C   | 30      | 30   | 27 | 22 | 27   | 10      | 11   | 09   | 10 | 10   | 10      | 13 | 10 | 10 | 91       | 95  | 60 | 53 |  |
| 12     | NE    | NE | NE  | NE  | C     | C   | C   | C   | 29      | 30   | 31 | 29 | 30   | 08      | 08   | 09   | 08 | 08   | 08      | 10 | 10 | 09 | 86       | 102 | 66 | 45 |  |
| 13     | NE    | NE | NE  | NE  | SE    | C   | C   | C   | 28      | 30   | 29 | 28 | 29   | 09      | 11   | 09   | 08 | 09   | 10      | 13 | 09 | 09 | 76       | 105 | 74 | 40 |  |
| 14     | NE    | NE | NE  | NE  | C     | C   | C   | C   | 22      | 23   | 27 | 28 | 25   | 03      | 07   | 08   | 05 | 06   | 04      | 07 | 08 | 05 | 64       | 105 | 83 | 40 |  |
| 15     | NE    | NE | NE  | NE  | SSE   | SSE | SSE | C   | 25      | 23   | 28 | 32 | 27   | 04      | 04   | 05   | 05 | 05   | 04      | 05 | 05 | 06 | 57       | 100 | 92 | 46 |  |
| 16     | NE    | NE | NE  | NE  | C     | C   | C   | C   | 23      | 25   | 26 | 24 | 25   | 03      | 05   | 05   | 04 | 04   | 04      | 05 | 06 | 05 | 52       | 92  | 98 | 56 |  |
| 17     | NE    | NE | RSE | E   | SSE   | SSE | S   | C   | 29      | 28   | 28 | 24 | 32   | 04      | 06   | 06   | 03 | 05   | 05      | 07 | 06 | 03 | 51       | 82  | 99 | 67 |  |
| 18     | -     | C  | NE  | NE  | -     | C   | SSE | C   | -       | 00   | 21 | 33 | -    | -       | -    | 00   | 04 | 08   | -       | -  | 00 | 04 | 09       |     |    |    |  |
| 19     | NE    | NE | NE  | NE  | SSE   | SSE | SSE | SSE | 38      | 27   | 30 | 30 | 31   | 09      | 09   | 08   | 08 | 09   | 10      | 10 | 08 | 08 | 65       | 65  | 87 | 84 |  |
| 20     | NE    | NE | NE  | NE  | SSE   | SSE | SSE | SSE | 27      | 25   | 29 | 25 | 27   | 06      | 05   | 06   | 06 | 06   | 07      | 06 | 07 | 07 | 75       | 63  | 77 | 85 |  |
| 21     | NE    | NE | E   | RSE | C     | C   | C   | C   | 26      | 25   | 24 | 24 | 25   | 05      | 04   | 05   | 06 | 05   | 06      | 05 | 05 | 07 | 85       | 66  | 68 | 84 |  |
| 22     | *     | C  | SSE | SSE | SSE   | C   | C   | S   | 46      | 00   | 25 | 22 | 23   | 05      | 00   | 05   | 03 | 03   | 05      | 00 | 05 | 03 | 90       |     | 60 | 77 |  |
| 23     | NE    | NE | NE  | C   | C     | C   | C   | C   | 21      | 20   | 20 | 00 | 15   | 03      | 03   | 02   | 00 | 02   | 04      | 03 | 03 | 00 | 93       | 80  | 57 |    |  |
| 24     | NE    | NE | RNE | RNE | SSE   | C   | C   | C   | 30      | 25   | 28 | 23 | 27   | 03      | 04   | 05   | 04 | 04   | 03      | 04 | 05 | 05 | 92       | 88  | 59 | 59 |  |
| 25     | NE    | NE | NE  | NE  | SSE   | C   | C   | C   | 25      | 23   | 24 | 25 | 24   | 05      | 03   | 05   | 05 | 05   | 05      | 04 | 05 | 06 | 89       | 93  | 61 | 52 |  |
| 26     | NE    | NE | NE  | NE  | C     | C   | C   | C   | 31      | 31   | 29 | 29 | 30   | 07      | 07   | 09   | 09 | 08   | 08      | 08 | 09 | 09 | 83       | 96  | 66 | 48 |  |
| 27     | NE    | NE | NE  | RNE | C     | C   | C   | C   | 29      | 28   | 31 | 33 | 30   | 07      | 08   | 09   | 10 | 09   | 08      | 09 | 09 | 10 | 76       | 97  | 72 | 47 |  |
| 28     | NE    | NE | E   | E   | C     | C   | C   | C   | 31      | 24   | 27 | 25 | 27   | 07      | 06   | 06   | 06 | 06   | 08      | 06 | 06 | 06 | 71       | 97  | 76 | 46 |  |
| 29     | NE    | NE | NE  | NE  | SE    | SE  | C   | C   | 32      | 26   | 26 | 26 | 28   | 05      | 05   | 04   | 05 | 05   | 06      | 06 | 05 | 06 | 66       | 94  | 82 | 50 |  |
| 30     | NE    | NE | NE  | NE  | C     | C   | C   | C   | 31      | 24   | 22 | 21 | 25   | 05      | 05   | 04   | 05 | 05   | 05      | 05 | 05 | 05 | 63       | 92  | 85 | 53 |  |
| 31     |       |    |     |     |       |     |     |     |         |      |    |    |      |         |      |      |    |      |         |    |    |    |          |     |    |    |  |
| 上旬平均   |       |    |     |     |       |     |     |     | (21)    | (20) | 17 |    |      | (20)    | (02) | (03) | 03 | 04   | (03)    |    |    |    |          |     |    |    |  |
| 中旬平均   |       |    |     |     |       |     |     |     | (28)    | 26   | 28 | 28 | (26) | (06)    | 07   | 07   | 07 | (07) |         |    |    |    |          |     |    |    |  |
| 下旬平均   |       |    |     |     |       |     |     |     | 30      | 23   | 26 | 23 | 25   | 05      | 05   | 05   | 05 | 05   |         |    |    |    |          |     |    |    |  |
| 月平均    |       |    |     |     |       |     |     |     | (27)    | (23) | 23 | 23 | (24) | (05)    | (05) | 05   | 05 | (05) |         |    |    |    |          |     |    |    |  |

五月

## 平 海

| 日<br>期 | 表层水温(℃) |     |     |     | 表层<br>盐度<br>(‰) | 海发光<br>类型和级 | 海面能见度<br>(千米或级) |    |    | 风 速(米/秒) |     |    |     | 风 向 |     | 平均 | 海况(级) |     |    |    | 波 型 |    |     |     |     |     |   |
|--------|---------|-----|-----|-----|-----------------|-------------|-----------------|----|----|----------|-----|----|-----|-----|-----|----|-------|-----|----|----|-----|----|-----|-----|-----|-----|---|
|        | 08      | 14  | 20  | 平均  |                 |             | 08              | 14 | 20 | 08       |     | 11 |     | 14  |     |    | 17    |     | 08 | 11 | 14  | 17 |     |     |     |     |   |
|        |         |     |     |     |                 |             |                 |    |    | 速        | 向   | 速  | 向   | 速   | 向   |    | 速     | 向   |    |    |     |    |     |     |     |     |   |
| 1      | 187     | 207 | 189 | 193 | 3207            | S2          | 7               | 8  | 7  | 3        | WNW | 4  | S   | 6   | SSE | 2  | SSE   | 38  | 1  | 2  | 3   | 1  | F   | F   | F   | F   |   |
| 2      | 199     | 208 | 211 | 204 | 3218            | S1          | 7               | 7  | 7  | 4        | SW  | 5  | SSW | 7   | S   | 4  | W     | 50  | 2  | 3  | 4   | 3  | F   | F   | F   | F   |   |
| 3      | 200     | 204 | 199 | 201 | 3220            | S2          | 7               | 7  | 7  | 5        | NE  | 3  | ESE | 5   | SSE | 6  | SSE   | 48  | 2  | 1  | 3   | 3  | F/U | U/F | F/U | F/U |   |
| 4      | 209     | 217 | 215 | 213 | 3220            | *           | 8               | 8  | 8  | 5        | SW  | 9  | SSW | 12  | SSW | 12 | SSW   | 95  | 3  | 4  | 5   | 5  | F   | F   | F   | F   |   |
| 5      | 213     | 216 | 219 | 215 | 3229            | S2          | 6               | 6  | 6  | 12       | SSW | 12 | SW  | 12  | SSW | 12 | SSW   | 120 | 5  | 5  | 5   | 5  | F   | F   | F   | F   |   |
| 6      | 211     | 204 | 200 | 207 | 3272            | 0           | 2               | 8  | 7  | 4        | SSW | 10 | NE  | 10  | NE  | 10 | NE    | 85  | -  | 4  | 4   | 4  | -   | F   | F   | F   | F |
| 7      | 199     | 215 | 202 | 204 | 3277            | 0           | 8               | 8  | 6  | 5        | NE  | 5  | ENE | 4   | ENE | 4  | ENE   | 45  | 3  | 3  | 2   | 5  | F   | F   | F   | F   |   |
| 8      | 199     | 202 | 198 | 200 | 3272            | 0           | 9               | 9  | 8  | 9        | NNE | 10 | NE  | 10  | NE  | 10 | NE    | 98  | 4  | 4  | 5   | 5  | F/U | F   | F   | F   |   |
| 9      | 195     | 203 | 199 | 198 | 3250            | 0           | 9               | 9  | 8  | 8        | NNE | 9  | NNE | 10  | NE  | 10 | NE    | 93  | 4  | 4  | 5   | 5  | F/U | F/U | F/U | F/U |   |
| 10     | 199     | 227 | 211 | 209 | 3250            | *           | 9               | 9  | 8  | 3        | NE  | 2  | SE  | 4   | S   | 7  | SSE   | 40  | 2  | 1  | 1   | 3  | U/F | F/U | F   | F   |   |
| 11     | 210     | 227 | 219 | 217 | 3290            | *           | 3               | 7  | 7  | 5        | SW  | 9  | SSW | 10  | SSW | 12 | SSW   | 90  | 3  | 4  | 5   | 5  | F   | F   | F   | F   |   |
| 12     | 220     | 229 | 223 | 223 | 3292            | 0           | 2               | 2  | 7  | 3        | S   | 4  | SW  | 9   | SSW | 7  | SSW   | 58  | -  | -  | -   | -  | -   | -   | -   | -   |   |
| 13     | 211     | 213 | 200 | 209 | 3312            | S1          | 8               | 7  | 7  | 10       | NE  | 9  | NNE | 14  | NE  | 12 | NE    | 113 | 4  | 3  | 5   | 5  | F/U | F/U | F   | F   |   |
| 14     | 205     | 208 | 203 | 205 | 3321            | S1          | 8               | 8  | 7  | 5        | NNE | 7  | NE  | 6   | NNE | 6  | NNE   | 60  | 2  | 3  | 3   | 3  | F/U | F/U | F   | F   |   |
| 15     | 211     | 220 | 210 | 213 | 3331            | 0           | 6               | 9  | 8  | 0        | C   | 3  | E   | 4   | SE  | 5  | ESE   | 30  | 0  | 1  | 2   | 3  |     |     | F   | F   |   |
| 16     | 215     | 226 | 233 | 222 | 3339            | S1          | 8               | 9  | 8  | 1        | WNW | 3  | SE  | 2   | SW  | 5  | S     | 28  | 1  | 1  | 1   | 3  |     |     | F   | F   |   |
| 17     | 224     | 229 | 231 | 227 | 3335            | S1          | 6               | 7  | 7  | 7        | WSW | 14 | SW  | 10  | SSW | 7  | SSW   | 95  | 3  | 5  | 4   | 4  | F   | F   | F   | F   |   |
| 18     | 228     | 241 | 239 | 234 | 3348            | S1          | 8               | 8  | 8  | 9        | SSW | 6  | SSW | 7   | SSW | 4  | S     | 65  | 4  | 4  | 4   | 3  | F   | F   | F   | F   |   |
| 19     | 232     | 235 | 225 | 231 | 3360            | S1          | 4               | 8  | 7  | 4        | S   | 6  | NE  | 4   | ESE | 4  | ENE   | 45  | 2  | 3  | 2   | 2  | F   | U/F | U/F | U/F |   |
| 20     | 224     | 225 | 222 | 224 | 3357            | S1          | 8               | 7  | 7  | 7        | NE  | 6  | NE  | 7   | NE  | 10 | NE    | 75  | 3  | 3  | 3   | 5  | F   | F   | F   | F   |   |
| 21     | 220     | 223 | 221 | 221 | 3333            | S1          | 7               | 7  | 7  | 3        | NNE | 3  | NNE | 5   | NNE | 6  | NE    | 43  | 2  | 2  | 2   | 3  | U/F | U/F | U/F | U/F |   |
| 22     | 221     | 227 | 226 | 224 | 3331            | S1          | 8               | 8  | 7  | 5        | NE  | 5  | NE  | 4   | NE  | 4  | ENE   | 45  | 2  | 2  | 2   | 2  | F/U | F/U | F/U | F/U |   |
| 23     | 225     | 239 | 233 | 231 | 3328            | S1          | 8               | 7  | 7  | 2        | ESE | 0  | C   | 1   | SSW | 8  | SSW   | 28  | 1  | 1  | 1   | 3  |     |     | F   | F   |   |
| 24     | 233     | 244 | 235 | 236 | 3299            | S1          | 8               | 7  | 7  | 9        | SW  | 10 | SSW | 12  | SSW | 12 | SW    | 108 | 4  | 5  | 5   | 5  | F   | F   | F   | F   |   |
| 25     | 237     | 239 | 240 | 238 | 3303            | S1          | 8               | 8  | 7  | 5        | SW  | 4  | SSW | 5   | SSW | 2  | W     | 40  | 3  | 3  | 3   | 2  | F   | F   | F   | F   |   |
| 26     | 230     | 229 | 221 | 228 | 3312            | S1          | 8               | 6  | 7  | 8        | NE  | 10 | NE  | 10  | NE  | 10 | NE    | 95  | 3  | 3  | 5   | 5  | U/F | F/U | F/U | F/U |   |
| 27     | 223     | 229 | 226 | 225 | 3339            | S1          | 8               | 8  | 8  | 1        | NNW | 3  | NNE | 4   | NNE | 3  | NE    | 28  | 1  | 2  | 2   | 2  | U/F | U/F | U/F | U/F |   |
| 28     | 228     | 240 | 227 | 231 | 3326            | S1          | 8               | 8  | 8  | 7        | NE  | 9  | NNE | 8   | NNE | 7  | NE    | 78  | 3  | 4  | 4   | 3  | F/U | F/U | F/U | F/U |   |
| 29     | 227     | 235 | 229 | 230 | 3333            | S1          | 8               | 8  | 7  | 7        | NNE | 9  | NNE | 7   | NNE | 5  | NE    | 70  | 2  | 4  | 4   | 3  | F/U | F/U | F/U | F/U |   |
| 30     | 229     | 236 | 231 | 231 | 3328            | S1          | 8               | 8  | 7  | 8        | NNE | 10 | NE  | 6   | NE  | 6  | NE    | 75  | 4  | 5  | 3   | 3  | F   | F   | F   | F   |   |
| 31     | 233     | 237 | 227 | 233 | 3321            | 0           | 8               | 9  | 8  | 3        | NNE | 6  | NE  | 7   | NE  | 7  | NE    | 58  | 1  | 3  | 3   | 3  | F   | F   | F   | F   |   |
| 上旬平均   | 201     | 210 | 204 | 204 | 3242            |             |                 |    |    | 58       | 69  | 80 | 77  | 71  |     |    |       |     |    |    |     |    |     |     |     |     |   |
| 中旬平均   | 218     | 225 | 221 | 221 | 3239            |             |                 |    |    | 51       | 67  | 73 | 72  | 66  |     |    |       |     |    |    |     |    |     |     |     |     |   |
| 下旬平均   | 228     | 234 | 229 | 230 | 3323            |             |                 |    |    | 53       | 63  | 63 | 64  | 61  |     |    |       |     |    |    |     |    |     |     |     |     |   |
| 月平均    | 216     | 224 | 218 | 219 | 3298            |             |                 |    |    | 54       | 66  | 72 | 71  | 66  |     |    |       |     |    |    |     |    |     |     |     |     |   |

| 日<br>期 | 风 浪 向 |     |     |     | 涌 浪 向 |     |     |     | 周 期 (秒) |      |      |    |      | 波 高 (米) |      |      |    |      | 最大波高(米) |    |    |    | 测波点水深(米) |     |    |    |  |
|--------|-------|-----|-----|-----|-------|-----|-----|-----|---------|------|------|----|------|---------|------|------|----|------|---------|----|----|----|----------|-----|----|----|--|
|        | 08    | 11  | 14  | 17  | 08    | 11  | 14  | 17  | 08      | 11   | 14   | 17 | 平均   | 08      | 11   | 14   | 17 | 平均   | 08      | 11 | 14 | 17 | 08       | 11  | 14 | 17 |  |
| 1      | C     | SSW | S   | C   | C     | C   | C   | C   | 00      | 24   | 24   | 00 | 12   | 00      | 02   | 03   | 00 | 01   | 00      | 03 | 03 | 00 |          | 88  | 88 |    |  |
| 2      | SW    | SSW | S   | SW  | C     | C   | C   | C   | 26      | 26   | 29   | 30 | 26   | 05      | 05   | 07   | 06 | 06   | 05      | 06 | 08 | 07 | 60       | 82  | 89 | 65 |  |
| 3      | NE    | *   | SE  | SE  | SSE   | SSE | S   | C   | 26      | 33   | 31   | 24 | 29   | 04      | 03   | 04   | 05 | 04   | 05      | 04 | 05 | 05 | 62       | 77  | 89 | 71 |  |
| 4      | SSW   | SSW | SSW | SSW | C     | C   | C   | C   | 34      | 33   | 37   | 38 | 36   | 07      | 08   | 12   | 14 | 10   | 07      | 09 | 13 | 14 | 66       | 71  | 86 | 77 |  |
| 5      | SSW   | SSW | SSW | SSW | C     | C   | C   | C   | 37      | 33   | 33   | 40 | 36   | 14      | 14   | 14   | 17 | 15   | 14      | 15 | 17 | 20 | 71       | 67  | 81 | 82 |  |
| 6      | -     | NE  | NE  | NE  | -     | C   | C   | C   | -       | 25   | 27   | 25 | -    | -       | 06   | 07   | 06 | -    | -       | 07 | 08 | 06 |          | 65  | 73 | 84 |  |
| 7      | NE    | ENE | ENE | ENE | SE    | C   | C   | C   | 28      | 22   | 28   | 27 | 27   | 04      | 03   | 03   | 02 | 03   | 05      | 03 | 04 | 03 | 87       | 67  | 65 | 83 |  |
| 8      | NE    | NE  | NE  | NE  | C     | C   | C   | C   | 29      | 29   | 28   | 28 | 29   | 05      | 06   | 05   | 06 | 06   | 05      | 07 | 07 | 06 | 92       | 71  | 57 | 76 |  |
| 9      | NE    | NE  | NE  | NE  | SSE   | SSE | SSE | SSE | 35      | 31   | 32   | 29 | 32   | 06      | 07   | 08   | 07 | 07   | 07      | 09 | 09 | 09 | 96       | 79  | 52 | 67 |  |
| 10     | NE    | C   | C   | SSE | SSE   | C   | C   | C   | 28      | 00   | 00   | 22 | 13   | 03      | 00   | 00   | 04 | 02   | 04      | 00 | 00 | 05 | 96       |     |    | 55 |  |
| 11     | SW    | SW  | SSW | SSW | C     | C   | C   | C   | 28      | 32   | 32   | 39 | 33   | 05      | 08   | 10   | 11 | 09   | 06      | 08 | 12 | 12 | 91       | 96  | 56 | 44 |  |
| 12     | -     | -   | -   | -   | -     | -   | -   | -   | -       | -    | -    | 35 | -    | -       | -    | -    | -  | -    | -       | -  | -  | 11 |          |     | 38 |    |  |
| 13     | NE    | NE  | NE  | NE  | SSE   | SSE | C   | C   | 27      | 24   | 27   | 27 | 26   | 08      | 07   | 09   | 08 | 08   | 09      | 07 | 09 | 10 | 73       | 104 | 75 | 37 |  |
| 14     | NE    | NE  | NE  | NE  | SSE   | SSE | C   | C   | 25      | 28   | 24   | 25 | 26   | 05      | 06   | 06   | 06 | 06   | 05      | 06 | 07 | 07 | 62       | 100 | 85 | 41 |  |
| 15     | C     | C   | SE  | SE  | C     | C   | C   | C   | 00      | 00   | 21   | 20 | 10   | 00      | 00   | 02   | 03 | 01   | 00      | 00 | 02 | 03 |          |     | 92 | 51 |  |
| 16     | C     | C   | C   | S   | C     | C   | C   | C   | 00      | 00   | 00   | 19 | 05   | 00      | 00   | 00   | 03 | 01   | 00      | 00 | 00 | 04 |          |     |    | 62 |  |
| 17     | SW    | SW  | SW  | SW  | C     | C   | C   | C   | 30      | 34   | 39   | 34 | 34   | 05      | 13   | 14   | 12 | 11   | 05      | 14 | 16 | 14 | 56       | 72  | 93 | 73 |  |
| 18     | SW    | SSW | SSW | S   | C     | C   | C   | C   | 31      | 31   | 31   | 31 | 31   | 09      | 10   | 09   | 07 | 09   | 10      | 11 | 10 | 08 | 63       | 65  | 87 | 86 |  |
| 19     | S     | NE  | SE  | ENE | C     | S   | S   | S   | 31      | 35   | 35   | 36 | 34   | 07      | 07   | 06   | 07 | 07   | 09      | 09 | 07 | 08 | 81       | 62  | 68 | 85 |  |
| 20     | NE    | NE  | ENE | ENE | C     | C   | C   | C   | 25      | 26   | 27   | 30 | 27   | 05      | 05   | 06   | 08 | 06   | 06      | 06 | 07 | 09 |          |     |    |    |  |
| 21     | NE    | NE  | NE  | NE  | SSE   | SSE | SSE | SSE | 22      | 23   | 24   | 25 | 24   | 02      | 03   | 03   | 05 | 03   | 03      | 03 | 04 | 06 | 87       | 66  | 61 | 80 |  |
| 22     | NE    | NE  | NE  | NE  | SSE   | SSE | SSE | SSE | 30      | 27   | 29   | 27 | 28   | 05      | 06   | 05   | 07 | 06   | 06      | 06 | 06 | 07 | 91       | 72  | 56 | 72 |  |
| 23     | C     | C   | C   | SSW | C     | C   | C   | C   | 00      | 00   | 00   | 25 | 06   | 00      | 00   | 00   | 05 | 01   | 00      | 00 | 00 | 05 |          |     |    | 64 |  |
| 24     | SW    | SW  | SSW | SSW | C     | C   | C   | C   | 34      | 36   | 35   | 43 | 37   | 11      | 10   | 11   | 13 | 11   | 14      | 14 | 12 | 14 | 90       | 84  | 56 | 56 |  |
| 25     | SW    | SSW | SSW | SSW | C     | C   | C   | C   | 34      | 31   | 31   | 30 | 32   | 11      | 09   | 10   | 08 | 10   | 13      | 10 | 11 | 09 | 87       | 88  | 59 | 51 |  |
| 26     | NE    | NE  | NE  | NE  | S     | S   | S   | S   | 37      | 30   | 34   | 27 | 32   | 08      | 09   | 10   | 09 | 09   | 08      | 12 | 10 | 10 | 83       | 91  | 64 | 48 |  |
| 27     | *     | NE  | NE  | NE  | SE    | SE  | SE  | SE  | 31      | 25   | 28   | 24 | 27   | 02      | 04   | 04   | 04 | 04   | 03      | 06 | 05 | 05 | 78       | 93  | 68 | 47 |  |
| 28     | NE    | NE  | NE  | NE  | SSE   | SSE | SSE | SSE | 30      | 25   | 27   | 25 | 27   | 06      | 08   | 06   | 06 | 07   | 07      | 08 | 06 | 06 | 73       | 94  | 74 | 47 |  |
| 29     | NE    | NE  | NE  | NE  | SE    | SE  | SE  | SE  | 29      | 29   | 27   | 32 | 29   | 03      | 06   | 05   | 04 | 05   | 04      | 07 | 05 | 05 | 68       | 93  | 79 | 49 |  |
| 30     | NE    | NE  | NE  | ENE | C     | C   | C   | C   | 26      | 22   | 23   | 27 | 25   | 05      | 05   | 03   | 04 | 04   | 05      | 05 | 04 | 05 | 63       | 90  | 84 | 53 |  |
| 31     | C     | NE  | NE  | NE  | C     | C   | C   | C   | 00      | 23   | 23   | 26 | 18   | 00      | 03   | 03   | 04 | 03   | 00      | 05 | 04 | 05 |          | 85  | 88 | 60 |  |
| 上旬平均   |       |     |     |     |       |     |     |     | (27)    | 26   | 27   | 26 | (27) | (05)    | 05   | 06   | 07 | (06) |         |    |    |    |          |     |    |    |  |
| 中旬平均   |       |     |     |     |       |     |     |     | (22)    | (23) | (26) | 30 | (25) | (05)    | (06) | (07) | 08 | (06) |         |    |    |    |          |     |    |    |  |
| 下旬平均   |       |     |     |     |       |     |     |     | 25      | 25   | 26   | 28 | 26   | 05      | 06   | 05   | 06 | 06   |         |    |    |    |          |     |    |    |  |
| 月平均    |       |     |     |     |       |     |     |     | (25)    | (25) | (26) | 28 | (26) | (05)    | (06) | (06) | 07 | (06) |         |    |    |    |          |     |    |    |  |