

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| Januari 2023              |                                 |          |                         |                            |                                 |          |                         |                             |                                 |          |                         |
|---------------------------|---------------------------------|----------|-------------------------|----------------------------|---------------------------------|----------|-------------------------|-----------------------------|---------------------------------|----------|-------------------------|
| datum                     | uu:mm                           | HW<br>cm | LW<br>NAP               | datum                      | uu:mm                           | HW<br>cm | LW<br>NAP               | datum                       | uu:mm                           | HW<br>cm | LW<br>NAP               |
| <b>1</b><br>zo            | 6:59<br>11:08<br>19:02<br>23:56 |          | -48<br>74<br>-78<br>94  | <b>11</b><br>wo            | 1:52<br>6:24<br>14:10<br>18:36  |          | -51<br>90<br>-82<br>108 | <b>21</b><br>za<br>NM 21:53 | 2:56<br>10:59<br>15:14<br>23:38 | 95       | -64<br>111<br>-60       |
| <b>2</b><br>ma            | 7:55<br>12:14<br>20:01          |          | -50<br>75<br>-72        | <b>12</b><br>do            | 2:27<br>6:57<br>14:48<br>19:11  |          | -52<br>87<br>-83<br>105 | <b>22</b><br>zo             | 3:45<br>11:41<br>16:01          | 97       | -71<br>119              |
| <b>3</b><br>di            | 1:01<br>8:56<br>13:16<br>21:10  | 93       | -53<br>81<br>-65        | <b>13</b><br>vr            | 3:04<br>7:33<br>15:28<br>19:49  |          | -52<br>85<br>-81<br>104 | <b>23</b><br>ma             | 2:00*<br>4:32<br>12:24<br>16:47 |          | -60<br>98<br>-79<br>124 |
| <b>4</b><br>wo            | 1:58<br>9:57<br>14:12<br>22:28  | 94       | -57<br>87<br>-61        | <b>14</b><br>za            | 3:45<br>8:15<br>16:12<br>20:36  |          | -51<br>83<br>-77<br>101 | <b>24</b><br>di             | 2:53*<br>5:17<br>13:09<br>17:33 |          | -66<br>99<br>-87<br>126 |
| <b>5</b><br>do            | 2:49<br>10:48<br>15:01<br>23:24 | 94       | -61<br>93<br>-58        | <b>15</b><br>zo<br>LK 3:10 | 4:30<br>9:06<br>17:04<br>21:37  |          | -49<br>80<br>-72<br>98  | <b>25</b><br>wo             | 3:38*<br>6:04<br>13:56<br>18:21 |          | -67<br>99<br>-93<br>124 |
| <b>6</b><br>vr            | 3:34<br>11:30<br>15:42          | 94       | -64<br>98               | <b>16</b><br>ma            | 5:24<br>10:10<br>18:05<br>22:46 |          | -47<br>78<br>-68<br>94  | <b>26</b><br>do             | 4:19*<br>6:50<br>14:46<br>19:10 |          | -63<br>98<br>-97<br>119 |
| <b>7</b><br>za<br>VM 0:08 | 0:07<br>4:13<br>12:06<br>16:18  |          | -53<br>92<br>-67<br>102 | <b>17</b><br>di            | 6:29<br>11:19<br>19:09<br>23:54 |          | -46<br>79<br>-64<br>91  | <b>27</b><br>vr             | 4:52*<br>7:38<br>15:40<br>20:03 |          | -56<br>96<br>-96<br>112 |
| <b>8</b><br>zo            | 0:40<br>4:47<br>12:38<br>16:51  |          | -49<br>92<br>-70<br>106 | <b>18</b><br>wo            | 7:39<br>12:27<br>20:12          |          | -47<br>83<br>-62        | <b>28</b><br>za<br>EK 16:19 | 4:11<br>8:28<br>16:37<br>21:00  |          | -53<br>92<br>-92<br>102 |
| <b>9</b><br>ma            | 1:03<br>5:19<br>13:05<br>17:26  |          | -47<br>92<br>-75<br>110 | <b>19</b><br>do            | 1:03<br>8:59<br>13:29<br>21:30  | 90       | -51<br>92<br>-60        | <b>29</b><br>zo             | 5:13<br>9:21<br>17:32<br>22:00  |          | -52<br>86<br>-85<br>89  |
| <b>10</b><br>di           | 1:23<br>5:51<br>13:35<br>18:01  |          | -48<br>92<br>-79<br>110 | <b>20</b><br>vr            | 2:03<br>10:12<br>14:24<br>22:48 | 92       | -57<br>102<br>-61       | <b>30</b><br>ma             | 6:06<br>10:21<br>18:26<br>23:13 |          | -50<br>78<br>-76<br>77  |
|                           |                                 |          |                         |                            |                                 |          |                         | <b>31</b><br>di             | 7:02<br>11:32<br>19:22          |          | -49<br>71<br>-66        |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| Februari 2023              |                                 |          |            |                 |                                  |          |            |                 |                                  |          |             |
|----------------------------|---------------------------------|----------|------------|-----------------|----------------------------------|----------|------------|-----------------|----------------------------------|----------|-------------|
| datum                      | uu:mm                           | HW<br>cm | LW<br>NAP  | datum           | uu:mm                            | HW<br>cm | LW<br>NAP  | datum           | uu:mm                            | HW<br>cm | LW<br>NAP   |
| <b>1</b><br>wo             | 0:33<br>8:08<br>12:50<br>20:40  | 71       | -50<br>-58 | <b>11</b><br>za | 2:39<br>7:06<br>15:03<br>19:20   | 95       | -60<br>-87 | <b>21</b><br>di | 1:51 *<br>4:16<br>12:04<br>16:33 | 95       | -76<br>-86  |
| <b>2</b><br>do             | 1:38<br>9:27<br>13:58<br>22:10  | 74       | -57<br>-59 | <b>12</b><br>zo | 3:12<br>7:43<br>15:37<br>20:02   | 96       | -60<br>-84 | <b>22</b><br>wo | 2:38 *<br>4:59<br>12:50<br>17:16 | 101      | -79<br>-93  |
| <b>3</b><br>vr             | 2:33<br>10:28<br>14:52<br>23:07 | 79       | -66<br>-61 | <b>13</b><br>ma | 3:48<br>8:27<br>16:16<br>20:54   | 95       | -59<br>-79 | <b>23</b><br>do | 3:19 *<br>5:42<br>13:40<br>18:00 | 104      | -76<br>-99  |
| <b>4</b><br>za             | 3:19<br>11:15<br>15:33<br>23:53 | 83       | -72<br>-58 | <b>14</b><br>di | 4:35<br>9:23<br>17:08<br>22:02   | 89       | -57<br>-72 | <b>24</b><br>vr | 3:54 *<br>6:24<br>14:33<br>18:44 | 106      | -69<br>-102 |
| <b>5</b><br>zo<br>VM 19:29 | 3:57<br>11:53<br>16:05          | 86       | -74        | <b>15</b><br>wo | 5:34<br>10:38<br>18:18<br>23:19  | 81       | -54<br>-65 | <b>25</b><br>za | 2:54<br>7:07<br>15:27<br>19:31   | 104      | -62<br>-100 |
| <b>6</b><br>ma             | 0:31<br>4:29<br>12:20<br>16:36  | 89       | -55<br>-76 | <b>16</b><br>do | 6:45<br>11:58<br>19:39           | 78       | -51<br>-60 | <b>26</b><br>zo | 3:44<br>7:51<br>16:15<br>20:20   | 100      | -62<br>-93  |
| <b>7</b><br>di             | 0:47<br>5:00<br>12:44<br>17:08  | 93       | -53<br>-80 | <b>17</b><br>vr | 0:41<br>8:11<br>13:12<br>21:30   | 68       | -52<br>-60 | <b>27</b><br>ma | 4:29<br>8:37<br>16:57<br>21:13   | 92       | -59<br>-82  |
| <b>8</b><br>wo             | 1:03<br>5:30<br>13:15<br>17:41  | 96       | -56<br>-85 | <b>18</b><br>za | 1:51<br>9:45<br>14:14<br>22:41   | 72       | -61<br>-64 | <b>28</b><br>di | 5:12<br>9:32<br>17:42<br>22:20   | 79       | -56<br>-69  |
| <b>9</b><br>do             | 1:33<br>6:02<br>13:51<br>18:13  | 96       | -59<br>-89 | <b>19</b><br>zo | 2:45<br>10:39<br>15:04           | 80       | -71        |                 |                                  |          |             |
| <b>10</b><br>vr            | 2:06<br>6:33<br>14:27<br>18:45  | 95       | -60<br>-89 | <b>20</b><br>ma | 0:54 *<br>3:32<br>11:21<br>15:49 | 88       | -67<br>-79 |                 |                                  |          |             |
|                            |                                 | 109      |            | NM 8:06         |                                  | 117      |            |                 |                                  |          |             |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| Maart 2023                 |                                 |            |            |                            |                                 |            |            |                             |                                 |            |             |
|----------------------------|---------------------------------|------------|------------|----------------------------|---------------------------------|------------|------------|-----------------------------|---------------------------------|------------|-------------|
| datum                      | uu:mm                           | HW<br>cm   | LW<br>NAP  | datum                      | uu:mm                           | HW<br>cm   | LW<br>NAP  | datum                       | uu:mm                           | HW<br>cm   | LW<br>NAP   |
| <b>1</b><br>wo             | 6:01<br>10:45<br>18:36          | 65         | -52<br>-58 | <b>11</b><br>za            | 1:43<br>6:05<br>14:02<br>18:19  | 102<br>110 | -67<br>-90 | <b>21</b><br>di<br>NM 18:23 | 0:39*<br>3:15<br>11:01<br>15:33 | 83<br>114  | -79<br>-84  |
| <b>2</b><br>do             | 0:06<br>7:07<br>12:29<br>19:55  | 49<br>62   | -49<br>-51 | <b>12</b><br>zo            | 2:12<br>6:38<br>14:31<br>18:55  | 104<br>108 | -67<br>-89 | <b>22</b><br>wo             | 1:31*<br>3:56<br>11:43<br>16:14 | 93<br>117  | -84<br>-89  |
| <b>3</b><br>vr             | 1:18<br>8:42<br>13:42<br>21:44  | 54<br>72   | -54<br>-57 | <b>13</b><br>ma            | 2:42<br>7:15<br>15:00<br>19:36  | 106<br>103 | -68<br>-87 | <b>23</b><br>do             | 2:15*<br>4:37<br>12:30<br>16:55 | 101<br>116 | -81<br>-94  |
| <b>4</b><br>za             | 2:12<br>10:03<br>14:33<br>22:44 | 65<br>84   | -67<br>-65 | <b>14</b><br>di            | 3:18<br>7:57<br>15:36<br>20:25  | 104<br>91  | -69<br>-83 | <b>24</b><br>vr             | 2:52*<br>5:17<br>13:23<br>17:36 | 107<br>111 | -74<br>-98  |
| <b>5</b><br>zo             | 2:57<br>10:54<br>15:11<br>23:35 | 75<br>93   | -76<br>-67 | <b>15</b><br>wo<br>LK 3:08 | 4:04<br>8:49<br>16:26<br>21:32  | 94<br>72   | -68<br>-76 | <b>25</b><br>za             | 1:41<br>5:56<br>14:21<br>18:18  | 109<br>103 | -68<br>-100 |
| <b>6</b><br>ma             | 3:33<br>11:33<br>15:43          | 82<br>100  | -79        | <b>16</b><br>do            | 5:02<br>10:08<br>17:40<br>22:58 | 79<br>55   | -63<br>-65 | <b>26</b><br>zo             | 3:32*<br>7:36<br>16:10<br>20:00 | 107<br>91  | -71<br>-96  |
| <b>7</b><br>di<br>VM 13:40 | 0:31<br>4:04<br>11:57<br>16:13  | 88<br>106  | -66<br>-80 | <b>17</b><br>vr            | 6:14<br>11:43<br>19:31          | 74         | -58<br>-58 | <b>27</b><br>ma             | 4:15<br>8:15<br>16:47<br>20:43  | 102<br>78  | -72<br>-87  |
| <b>8</b><br>wo             | 1:22*<br>4:33<br>12:19<br>16:43 | 94<br>110  | -65<br>-84 | <b>18</b><br>za            | 0:27<br>7:51<br>13:03<br>21:33  | 50<br>83   | -57<br>-64 | <b>28</b><br>di             | 4:48<br>8:57<br>17:13<br>21:29  | 93<br>63   | -69<br>-75  |
| <b>9</b><br>do             | 2:02*<br>5:03<br>12:52<br>17:14 | 98<br>112  | -65<br>-88 | <b>19</b><br>zo            | 1:38<br>9:24<br>14:03<br>23:14* | 59<br>96   | -68<br>-70 | <b>29</b><br>wo<br>EK 4:32  | 5:14<br>9:48<br>17:33<br>22:23  | 78<br>45   | -67<br>-65  |
| <b>10</b><br>vr            | 1:12<br>5:34<br>13:28<br>17:46  | 101<br>111 | -66<br>-90 | <b>20</b><br>ma            | 2:30<br>10:19<br>14:51          | 71<br>107  | -78        | <b>30</b><br>do             | 5:50<br>11:01<br>18:29          | 62         | -63<br>-55  |
|                            |                                 |            |            |                            |                                 |            |            | <b>31</b><br>vr             | 0:31<br>6:43<br>13:04<br>19:55  | 31<br>57   | -59<br>-49  |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| April 2023                |                                 |                          |            |                 |                                 |                         |           |                 |                                 |                         |           |
|---------------------------|---------------------------------|--------------------------|------------|-----------------|---------------------------------|-------------------------|-----------|-----------------|---------------------------------|-------------------------|-----------|
| datum                     | uu:mm                           | HW<br>cm                 | LW<br>NAP  | datum           | uu:mm                           | HW<br>cm                | LW<br>NAP | datum           | uu:mm                           | HW<br>cm                | LW<br>NAP |
| <b>1</b><br>za            | 1:51<br>8:17<br>14:15<br>21:50  | 39<br>69                 | -56<br>-54 | <b>11</b><br>di | 3:21<br>7:51<br>15:32<br>20:16  | -77<br>111<br>-85<br>91 |           | <b>21</b><br>vr | 2:45*<br>5:13<br>13:09<br>17:34 | -72<br>99<br>-89<br>105 |           |
| <b>2</b><br>zo            | 2:44<br>10:03<br>15:03<br>23:07 | 53<br>83                 | -64<br>-66 | <b>12</b><br>wo | 4:01<br>8:34<br>16:14<br>21:07  | -79<br>106<br>-82<br>75 |           | <b>22</b><br>za | 1:28<br>5:52<br>14:05<br>18:15  | -69<br>105<br>-91<br>99 |           |
| <b>3</b><br>ma            | 3:26<br>11:08<br>15:40<br>23:58 | 66<br>93                 | -74<br>-73 | <b>13</b><br>do | 4:50<br>9:28<br>17:11<br>22:20  | -78<br>92<br>-73<br>55  |           | <b>23</b><br>zo | 2:19<br>6:30<br>15:01<br>18:55  | -76<br>107<br>-91<br>90 |           |
| <b>4</b><br>di            | 4:01<br>11:47<br>16:13          | 76<br>100                | -80        | <b>14</b><br>vr | 5:47<br>11:01<br>18:33<br>23:47 | -73<br>77<br>-63<br>42  |           | <b>24</b><br>ma | 3:06<br>7:08<br>15:45<br>19:34  | -81<br>105<br>-86<br>79 |           |
| <b>5</b><br>wo            | 0:50<br>4:31<br>12:17<br>16:43  | -74<br>85<br>-82<br>105  |            | <b>15</b><br>za | 7:02<br>12:34<br>20:50          | -67<br>78<br>-61        |           | <b>25</b><br>di | 3:45<br>7:45<br>16:16<br>20:13  | -82<br>100<br>-77<br>68 |           |
| <b>6</b><br>do<br>VM 6:35 | 1:48*<br>5:01<br>12:49<br>17:13 | -74<br>93<br>-84<br>109  |            | <b>16</b><br>zo | 1:11<br>8:40<br>13:50<br>22:33  | 42<br>-68<br>87<br>-71  |           | <b>26</b><br>wo | 4:13<br>8:25<br>16:27<br>20:52  | -80<br>91<br>-69<br>56  |           |
| <b>7</b><br>vr            | 2:33*<br>5:31<br>13:26<br>17:45 | -73<br>99<br>-86<br>110  |            | <b>17</b><br>ma | 2:18<br>10:00<br>14:46          | 53<br>-78<br>98         |           | <b>27</b><br>do | 4:38<br>9:13<br>16:57<br>21:41  | -79<br>78<br>-63<br>42  |           |
| <b>8</b><br>za            | 1:52<br>6:03<br>14:02<br>18:19  | -71<br>104<br>-87<br>109 |            | <b>18</b><br>di | 0:00*<br>3:09<br>10:55<br>15:32 | -77<br>67<br>-85<br>105 |           | <b>28</b><br>vr | 5:16<br>10:27<br>17:51<br>22:51 | -77<br>64<br>-58<br>29  |           |
| <b>9</b><br>zo            | 2:18<br>6:37<br>14:34<br>18:54  | -72<br>108<br>-86<br>106 |            | <b>19</b><br>wo | 1:13*<br>3:53<br>11:38<br>16:13 | -80<br>80<br>-87<br>109 |           | <b>29</b><br>za | 6:08<br>12:11<br>19:01          | -72<br>58<br>-54        |           |
| <b>10</b><br>ma           | 2:47<br>7:12<br>15:01<br>19:33  | -74<br>110<br>-86<br>101 |            | <b>20</b><br>do | 2:04*<br>4:33<br>12:21<br>16:54 | -79<br>91<br>-88<br>108 |           | <b>30</b><br>zo | 1:09<br>7:17<br>13:35<br>20:35  | 30<br>-68<br>68<br>-57  |           |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| Mei 2023                   |                                 |            |            |                             |                                  |                         |           |                             |                                 |                         |           |
|----------------------------|---------------------------------|------------|------------|-----------------------------|----------------------------------|-------------------------|-----------|-----------------------------|---------------------------------|-------------------------|-----------|
| datum                      | uu:mm                           | HW<br>cm   | LW<br>NAP  | datum                       | uu:mm                            | HW<br>cm                | LW<br>NAP | datum                       | uu:mm                           | HW<br>cm                | LW<br>NAP |
| <b>1</b><br>ma             | 2:04<br>8:46<br>14:24<br>21:59  | 43<br>80   | -69<br>-66 | <b>11</b><br>do             | 3:55<br>8:20<br>16:15<br>21:01   | -87<br>103<br>-75<br>62 |           | <b>21</b><br>zo             | 1:11<br>5:30<br>13:50<br>17:58  | -74<br>100<br>-78<br>87 |           |
| <b>2</b><br>di             | 2:46<br>9:54<br>15:03<br>23:01  | 57<br>91   | -75<br>-75 | <b>12</b><br>vr<br>LK 16:28 | 4:44<br>9:23<br>17:16<br>22:16   | -87<br>90<br>-69<br>49  |           | <b>22</b><br>ma             | 1:58<br>6:08<br>14:38<br>18:37  | -81<br>101<br>-77<br>80 |           |
| <b>3</b><br>wo             | 3:21<br>10:48<br>15:37<br>23:51 | 70<br>98   | -80<br>-78 | <b>13</b><br>za             | 5:42<br>11:00<br>18:37<br>23:32  | -83<br>85<br>-62<br>43  |           | <b>23</b><br>di             | 2:41<br>6:45<br>15:18<br>19:15  | -86<br>100<br>-73<br>72 |           |
| <b>4</b><br>do             | 3:54<br>11:34<br>16:09          | 81<br>104  | -82        | <b>14</b><br>zo             | 6:58<br>12:16<br>20:51           | -79<br>87<br>-66        |           | <b>24</b><br>wo             | 3:17<br>7:24<br>15:45<br>19:51  | -88<br>96<br>-68<br>64  |           |
| <b>5</b><br>vr<br>VM 19:34 | 0:36<br>4:26<br>12:18<br>16:42  | 92<br>107  | -77<br>-82 | <b>15</b><br>ma             | 0:45<br>8:22<br>13:26<br>22:06   | 45<br>-82<br>92<br>-73  |           | <b>25</b><br>do             | 3:45<br>8:04<br>16:03<br>20:29  | -87<br>89<br>-64<br>56  |           |
| <b>6</b><br>za             | 1:11<br>5:00<br>13:02<br>17:17  | 101<br>108 | -75<br>-81 | <b>16</b><br>di             | 1:50<br>9:30<br>14:23<br>23:11   | 55<br>-87<br>98<br>-75  |           | <b>26</b><br>vr             | 4:15<br>8:51<br>16:37<br>21:14  | -87<br>81<br>-62<br>48  |           |
| <b>7</b><br>zo             | 1:33<br>5:35<br>13:43<br>17:55  | 107<br>105 | -75<br>-80 | <b>17</b><br>wo             | 2:42<br>10:26<br>15:10           | 68<br>-88<br>102        |           | <b>27</b><br>za<br>EK 17:22 | 4:54<br>9:55<br>17:25<br>22:12  | -86<br>72<br>-60<br>40  |           |
| <b>8</b><br>ma             | 2:00<br>6:12<br>14:15<br>18:34  | 111<br>100 | -76<br>-79 | <b>18</b><br>do             | 0:26 *<br>3:29<br>11:14<br>15:55 | -72<br>80<br>-85<br>102 |           | <b>28</b><br>zo             | 5:44<br>11:08<br>18:25<br>23:24 | -82<br>68<br>-59<br>36  |           |
| <b>9</b><br>di             | 2:32<br>6:51<br>14:46<br>19:16  | 113<br>90  | -79<br>-78 | <b>19</b><br>vr<br>NM 17:53 | 1:24 *<br>4:11<br>12:02<br>16:37 | -67<br>89<br>-81<br>99  |           | <b>29</b><br>ma             | 6:46<br>12:21<br>19:43          | -78<br>70<br>-60        |           |
| <b>10</b><br>wo            | 3:11<br>7:33<br>15:25<br>20:03  | 111<br>78  | -83<br>-78 | <b>20</b><br>za             | 0:25<br>4:52<br>12:55<br>17:18   | -68<br>96<br>-79<br>94  |           | <b>30</b><br>di             | 0:51<br>8:00<br>13:27<br>21:00  | 40<br>-76<br>78<br>-66  |           |
|                            |                                 |            |            |                             |                                  |                         |           | <b>31</b><br>wo             | 1:49<br>9:05<br>14:15<br>22:06  | 53<br>-78<br>87<br>-72  |           |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| Juni 2023                   |                                 |            |            |                            |                                 |          |            |                            |                                 |          |            |
|-----------------------------|---------------------------------|------------|------------|----------------------------|---------------------------------|----------|------------|----------------------------|---------------------------------|----------|------------|
| datum                       | uu:mm                           | HW<br>cm   | LW<br>NAP  | datum                      | uu:mm                           | HW<br>cm | LW<br>NAP  | datum                      | uu:mm                           | HW<br>cm | LW<br>NAP  |
| <b>1</b><br>do              | 2:33<br>10:02<br>14:56<br>23:04 | 67<br>95   | -79<br>-75 | <b>11</b><br>zo            | 5:35<br>10:39<br>18:34<br>23:06 | 95<br>55 | -93<br>-62 | <b>21</b><br>wo            | 2:19<br>6:31<br>14:53<br>19:00  | 98<br>74 | -85<br>-61 |
| <b>2</b><br>vr              | 3:13<br>10:56<br>15:34<br>23:56 | 80<br>101  | -78<br>-76 | <b>12</b><br>ma            | 6:47<br>11:46<br>20:19          | 94       | -90<br>-65 | <b>22</b><br>do            | 2:53<br>7:09<br>15:19<br>19:36  | 97<br>70 | -88<br>-59 |
| <b>3</b><br>za              | 3:52<br>11:51<br>16:13          | 92<br>103  | -76        | <b>13</b><br>di            | 0:11<br>7:58<br>12:53<br>21:14  | 56<br>94 | -90<br>-68 | <b>23</b><br>vr            | 3:23<br>7:48<br>15:43<br>20:11  | 94<br>66 | -89<br>-59 |
| <b>4</b><br>zo<br>VM 5:42   | 0:38<br>4:31<br>12:49<br>16:53  | 102<br>103 | -75<br>-74 | <b>14</b><br>wo            | 1:16<br>8:59<br>13:55<br>22:06  | 62<br>94 | -89<br>-69 | <b>24</b><br>za            | 3:55<br>8:30<br>16:18<br>20:50  | 89<br>62 | -90<br>-59 |
| <b>5</b><br>ma              | 1:11<br>5:11<br>13:40<br>17:35  | 109<br>99  | -76<br>-72 | <b>15</b><br>do            | 2:14<br>9:57<br>14:49<br>22:53  | 71<br>95 | -84<br>-68 | <b>25</b><br>zo            | 4:35<br>9:16<br>17:01<br>21:36  | 84<br>58 | -89<br>-59 |
| <b>6</b><br>di              | 1:44<br>5:52<br>14:18<br>18:19  | 113<br>92  | -78<br>-71 | <b>16</b><br>vr            | 3:06<br>11:00<br>15:39<br>23:35 | 80<br>93 | -78<br>-68 | <b>26</b><br>ma<br>EK 9:50 | 5:21<br>10:12<br>17:52<br>22:32 | 81<br>55 | -85<br>-59 |
| <b>7</b><br>wo              | 2:22<br>6:35<br>14:52<br>19:06  | 113<br>83  | -83<br>-70 | <b>17</b><br>za            | 3:53<br>12:05<br>16:25          | 87<br>90 | -72        | <b>27</b><br>di            | 6:17<br>11:12<br>18:55<br>23:36 | 80<br>55 | -81<br>-59 |
| <b>8</b><br>do              | 3:03<br>7:21<br>15:31<br>19:57  | 110<br>73  | -89<br>-69 | <b>18</b><br>zo<br>NM 6:37 | 0:17<br>4:36<br>12:57<br>17:08  | 91<br>86 | -71<br>-67 | <b>28</b><br>wo            | 7:21<br>12:13<br>20:05          | 82       | -77<br>-60 |
| <b>9</b><br>vr              | 3:48<br>8:14<br>16:17<br>20:56  | 104<br>63  | -93<br>-68 | <b>19</b><br>ma            | 0:59<br>5:16<br>13:40<br>17:48  | 95<br>82 | -75<br>-65 | <b>29</b><br>do            | 0:42<br>8:23<br>13:15<br>21:11  | 60<br>86 | -75<br>-63 |
| <b>10</b><br>za<br>LK 21:31 | 4:38<br>9:21<br>17:13<br>22:01  | 97<br>58   | -94<br>-65 | <b>20</b><br>di            | 1:41<br>5:53<br>14:19<br>18:25  | 97<br>78 | -81<br>-63 | <b>30</b><br>vr            | 1:43<br>9:21<br>14:12<br>22:18  | 70<br>90 | -73<br>-66 |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| Juli 2023                  |                                 |           |            |                             |                                 |           |            |                            |                                 |           |            |
|----------------------------|---------------------------------|-----------|------------|-----------------------------|---------------------------------|-----------|------------|----------------------------|---------------------------------|-----------|------------|
| datum                      | uu:mm                           | HW<br>cm  | LW<br>NAP  | datum                       | uu:mm                           | HW<br>cm  | LW<br>NAP  | datum                      | uu:mm                           | HW<br>cm  | LW<br>NAP  |
| <b>1</b><br>za             | 2:36<br>10:22<br>15:03<br>23:20 | 81<br>94  | -70<br>-69 | <b>11</b><br>di             | 6:30<br>11:09<br>19:28<br>23:33 | 97<br>70  | -93<br>-58 | <b>21</b><br>vr            | 2:32<br>6:52<br>14:57<br>19:15  | 104<br>83 | -83<br>-52 |
| <b>2</b><br>zo             | 3:23<br>11:35<br>15:50          | 93<br>96  | -68        | <b>12</b><br>wo             | 7:31<br>12:16<br>20:19          | 90        | -88<br>-59 | <b>22</b><br>za            | 3:02<br>7:28<br>15:23<br>19:48  | 102<br>81 | -86<br>-54 |
| <b>3</b><br>ma<br>VM 13:39 | 0:08<br>4:09<br>12:38<br>16:36  | 102<br>95 | -71<br>-66 | <b>13</b><br>do             | 0:39<br>8:29<br>13:26<br>21:18  | 69<br>85  | -81<br>-60 | <b>23</b><br>zo            | 3:37<br>8:02<br>15:57<br>20:21  | 99<br>78  | -86<br>-55 |
| <b>4</b><br>di             | 0:48<br>4:53<br>13:26<br>17:22  | 109<br>93 | -74<br>-64 | <b>14</b><br>vr             | 1:45<br>9:34<br>14:30<br>22:24  | 72<br>84  | -73<br>-63 | <b>24</b><br>ma            | 4:14<br>8:36<br>16:34<br>20:58  | 97<br>77  | -85<br>-55 |
| <b>5</b><br>wo             | 1:26<br>5:38<br>14:03<br>18:08  | 114<br>90 | -78<br>-62 | <b>15</b><br>za             | 2:48<br>10:59<br>15:26<br>23:22 | 79<br>85  | -67<br>-67 | <b>25</b><br>di            | 4:56<br>9:16<br>17:16<br>21:41  | 96<br>76  | -81<br>-54 |
| <b>6</b><br>do             | 2:07<br>6:24<br>16:27*<br>18:56 | 116<br>85 | -84<br>-65 | <b>16</b><br>zo             | 3:44<br>12:04<br>16:15          | 86<br>85  | -64        | <b>26</b><br>wo<br>EK 0:07 | 5:42<br>10:06<br>18:04<br>22:38 | 93<br>74  | -76<br>-53 |
| <b>7</b><br>vr             | 2:51<br>7:12<br>17:15*<br>19:45 | 115<br>80 | -91<br>-65 | <b>17</b><br>ma<br>NM 20:32 | 0:09<br>4:32<br>12:54<br>16:58  | 92<br>84  | -71<br>-60 | <b>27</b><br>do            | 6:38<br>11:12<br>19:02<br>23:47 | 89<br>73  | -70<br>-52 |
| <b>8</b><br>za             | 3:37<br>8:04<br>17:58*<br>20:38 | 112<br>77 | -95<br>-63 | <b>18</b><br>di             | 0:50<br>5:10<br>13:35<br>17:36  | 96<br>83  | -74<br>-55 | <b>28</b><br>vr            | 7:39<br>12:21<br>20:06          | 85        | -65<br>-52 |
| <b>9</b><br>zo             | 4:27<br>9:02<br>18:36*<br>21:34 | 107<br>74 | -97<br>-60 | <b>19</b><br>wo             | 1:28<br>5:44<br>14:08<br>18:10  | 99<br>83  | -77<br>-51 | <b>29</b><br>za            | 0:58<br>8:43<br>13:32<br>21:20  | 75<br>82  | -61<br>-53 |
| <b>10</b><br>ma<br>LK 3:48 | 5:24<br>10:06<br>19:00<br>22:32 | 103<br>72 | -96<br>-58 | <b>20</b><br>do             | 2:01<br>6:17<br>14:35<br>18:42  | 103<br>84 | -80<br>-51 | <b>30</b><br>zo            | 2:05<br>9:58<br>14:39<br>22:45  | 82<br>83  | -58<br>-58 |
|                            |                                 |           |            |                             |                                 |           |            | <b>31</b><br>ma            | 3:03<br>11:25<br>15:34<br>23:42 | 93<br>87  | -59<br>-65 |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| Augustus 2023   |  |           |            |                 |  |           |            |                 |   |           |            |
|-----------------|--|-----------|------------|-----------------|--|-----------|------------|-----------------|---|-----------|------------|
| datum           | uu:mm                                      | HW<br>cm  | LW<br>NAP  | datum           | uu:mm                                      | HW<br>cm  | LW<br>NAP  | datum           | uu:mm                                       | HW<br>cm  | LW<br>NAP  |
| <b>1</b><br>di  | 3:54<br>12:24<br>VM 20:32                  | 104<br>90 | -59        | <b>11</b><br>vr | 0:00<br>8:00<br>12:59<br>20:37             | 73<br>71  | -64<br>-49 | <b>21</b><br>ma | 3:14<br>7:31<br>15:32<br>19:49              | 109<br>96 | -78<br>-50 |
| <b>2</b><br>wo  | 0:25<br>4:41<br>14:35 *<br>17:09           | 113<br>93 | -70<br>-59 | <b>12</b><br>za | 1:22<br>9:15<br>14:13<br>21:57             | 71<br>72  | -56<br>-54 | <b>22</b><br>di | 3:49<br>8:02<br>16:03<br>20:22              | 109<br>97 | -76<br>-50 |
| <b>3</b><br>do  | 1:06<br>5:26<br>15:32 *<br>17:54           | 120<br>95 | -76<br>-67 | <b>13</b><br>zo | 2:38<br>10:49<br>15:12<br>23:06            | 79<br>78  | -57<br>-64 | <b>23</b><br>wo | 4:22<br>8:38<br>16:35<br>21:00              | 109<br>98 | -72<br>-49 |
| <b>4</b><br>vr  | 1:48<br>6:11<br>16:19 *<br>18:39           | 124<br>96 | -82<br>-71 | <b>14</b><br>ma | 3:39<br>11:52<br>16:01<br>23:59            | 90<br>84  | -59<br>-70 | <b>24</b><br>do | 4:56<br>9:22<br>EK 11:57<br>17:16<br>21:47  | 105<br>94 | -67<br>-49 |
| <b>5</b><br>za  | 2:34<br>6:56<br>17:02 *<br>19:25           | 123<br>95 | -88<br>-70 | <b>15</b><br>di | 4:24<br>12:50<br>16:42                     | 98<br>87  | -57        | <b>25</b><br>vr | 5:40<br>10:20<br>18:10<br>22:55             | 93<br>84  | -61<br>-47 |
| <b>6</b><br>zo  | 3:22<br>7:44<br>17:40 *<br>20:11           | 120<br>94 | -92<br>-63 | <b>16</b><br>wo | 0:42<br>4:57<br>NM 11:38<br>13:57<br>17:17 | 103<br>90 | -72<br>-53 | <b>26</b><br>za | 6:46<br>11:39<br>19:14                      | 78        | -54<br>-45 |
| <b>7</b><br>ma  | 4:15<br>8:34<br>18:10 *<br>21:00           | 113<br>92 | -93<br>-54 | <b>17</b><br>do | 1:18<br>5:27<br>14:39 *<br>17:48           | 106<br>92 | -72<br>-49 | <b>27</b><br>zo | 0:23<br>8:07<br>13:03<br>20:33              | 78<br>69  | -48<br>-44 |
| <b>8</b><br>di  | 5:12<br>9:29<br>LK 12:28<br>17:46<br>21:53 | 104<br>88 | -90<br>-51 | <b>18</b><br>vr | 1:45<br>5:57<br>15:12 *<br>18:18           | 110<br>96 | -72<br>-48 | <b>28</b><br>ma | 1:45<br>9:55<br>14:23<br>22:16              | 83<br>71  | -47<br>-50 |
| <b>9</b><br>wo  | 6:09<br>10:30<br>18:40<br>22:51            | 93<br>81  | -84<br>-50 | <b>19</b><br>za | 2:09<br>6:29<br>15:41 *<br>18:49           | 112<br>97 | -75<br>-47 | <b>29</b><br>di | 2:50<br>11:20<br>15:21<br>23:20             | 96<br>80  | -52<br>-60 |
| <b>10</b><br>do | 7:03<br>11:37<br>19:34                     | 80        | -75<br>-49 | <b>20</b><br>zo | 2:40<br>7:00<br>15:01<br>19:19             | 111<br>96 | -78<br>-49 | <b>30</b><br>wo | 3:42<br>13:17 *<br>16:09                    | 110<br>89 | -54        |
|                 |  |           |            |                 |  |           |            | <b>31</b><br>do | 0:04<br>4:27<br>VM 3:36<br>14:27 *<br>16:53 | 120<br>97 | -66<br>-64 |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*



# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| September 2023  |   |          |                          |                 |   |                        |                          |                 |  |          |                          |
|-----------------|---|----------|--------------------------|-----------------|---|------------------------|--------------------------|-----------------|--|----------|--------------------------|
| datum           | uu:mm                                     | HW<br>cm | LW<br>NAP                | datum           | uu:mm                                       | HW<br>cm               | LW<br>NAP                | datum           | uu:mm                                      | HW<br>cm | LW<br>NAP                |
| <b>1</b><br>vr  | 0:44<br>5:09<br>15:16 *<br>17:35          |          | -71<br>127<br>-70<br>103 | <b>11</b><br>ma | 2:27<br>10:30<br>14:52<br>22:44             | 83<br>-46<br>72<br>-57 |                          | <b>21</b><br>do | 3:41<br>8:10<br>16:01<br>20:29             |          | -63<br>114<br>-49<br>115 |
| <b>2</b><br>za  | 1:27<br>5:52<br>16:00 *<br>18:17          |          | -76<br>130<br>-70<br>108 | <b>12</b><br>di | 3:21<br>11:33<br>15:39<br>23:41             | 96<br>-54<br>83<br>-67 |                          | <b>22</b><br>vr | 4:10<br>8:53<br>EK 21:32<br>16:42<br>21:14 |          | -60<br>106<br>-50<br>108 |
| <b>3</b><br>zo  | 2:15<br>6:35<br>16:39 *<br>18:59          |          | -81<br>128<br>-64<br>110 | <b>13</b><br>wo | 4:01<br>12:33<br>16:18                      | 105<br>-56<br>90       |                          | <b>23</b><br>za | 4:55<br>9:48<br>17:37<br>22:16             |          | -54<br>88<br>-47<br>91   |
| <b>4</b><br>ma  | 3:08<br>7:19<br>17:11 *<br>19:42          |          | -84<br>122<br>-53<br>110 | <b>14</b><br>do | 0:27<br>4:33<br>13:32<br>16:51              |                        | -69<br>110<br>-55<br>95  | <b>24</b><br>zo | 6:04<br>11:12<br>18:43                     |          | -45<br>67<br>-43         |
| <b>5</b><br>di  | 4:07<br>8:05<br>16:23<br>20:25            |          | -83<br>112<br>-47<br>107 | <b>15</b><br>vr | 1:05<br>5:02<br>NM 3:40<br>14:16 *<br>17:20 |                        | -67<br>114<br>-52<br>100 | <b>25</b><br>ma | 0:03<br>7:47<br>12:46<br>20:11             |          | 81<br>-37<br>58<br>-41   |
| <b>6</b><br>wo  | 4:59<br>8:54<br>17:10<br>21:12            |          | -78<br>100<br>-47<br>100 | <b>16</b><br>za | 1:20<br>5:31<br>14:52 *<br>17:48            |                        | -65<br>117<br>-50<br>105 | <b>26</b><br>di | 1:32<br>10:01<br>14:07<br>21:53            |          | 88<br>-42<br>64<br>-49   |
| <b>7</b><br>do  | 5:44<br>9:48<br>LK 0:21<br>17:56<br>22:06 |          | -69<br>85<br>-45<br>88   | <b>17</b><br>zo | 1:40<br>6:00<br>15:24 *<br>18:18            |                        | -67<br>119<br>-48<br>108 | <b>27</b><br>wo | 2:37<br>11:27<br>15:04<br>22:58            |          | 103<br>-51<br>77<br>-59  |
| <b>8</b><br>vr  | 6:31<br>10:54<br>18:47<br>23:20           |          | -57<br>68<br>-42<br>75   | <b>18</b><br>ma | 2:12<br>6:31<br>14:36<br>18:48              |                        | -68<br>118<br>-47<br>110 | <b>28</b><br>do | 3:26<br>13:07 *<br>15:49<br>23:41          |          | 116<br>-58<br>90<br>-65  |
| <b>9</b><br>za  | 7:28<br>12:34<br>19:51                    |          | -46<br>56<br>-40         | <b>19</b><br>di | 2:46<br>7:01<br>15:03<br>19:19              |                        | -67<br>117<br>-47<br>111 | <b>29</b><br>vr | 4:09<br>14:06 *<br>VM 11:57<br>16:31       |          | 125<br>-64<br>101        |
| <b>10</b><br>zo | 1:07<br>8:47<br>13:54<br>21:19            |          | 71<br>-39<br>60<br>-43   | <b>20</b><br>wo | 3:16<br>7:34<br>15:30<br>19:52              |                        | -65<br>116<br>-48<br>114 | <b>30</b><br>za | 0:20<br>4:50<br>14:53 *<br>17:12           |          | -68<br>129<br>-64<br>111 |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| Oktober 2023    |  |          |                          |                 |   |                          |           |                 |  |          |                          |
|-----------------|--|----------|--------------------------|-----------------|---|--------------------------|-----------|-----------------|--|----------|--------------------------|
| datum           | uu:mm                                      | HW<br>cm | LW<br>NAP                | datum           | uu:mm                                       | HW<br>cm                 | LW<br>NAP | datum           | uu:mm  | HW<br>cm | LW<br>NAP                |
| <b>1</b><br>zo  | 1:04<br>5:31<br>15:34*<br>17:52            |          | -70<br>130<br>-58<br>117 | <b>11</b><br>wo | 2:51<br>11:00<br>15:10<br>23:03             | 98<br>-48<br>79<br>-58   |           | <b>21</b><br>za | 3:47<br>8:35<br>16:27<br>20:54               |          | -53<br>96<br>-54<br>111  |
| <b>2</b><br>ma  | 1:54<br>6:13<br>16:08*<br>18:33            |          | -72<br>126<br>-50<br>120 | <b>12</b><br>do | 3:29<br>11:53<br>15:47<br>23:48             | 107<br>-54<br>89<br>-62  |           | <b>22</b><br>zo | 4:40<br>9:34<br>EK 5:29<br>17:22<br>22:02    |          | -47<br>76<br>-52<br>94   |
| <b>3</b><br>di  | 2:55<br>6:55<br>15:08<br>19:13             |          | -73<br>117<br>-47<br>119 | <b>13</b><br>vr | 4:02<br>12:45<br>16:18                      | 113<br>-55<br>97         |           | <b>23</b><br>ma | 5:54<br>11:01<br>18:29<br>23:53              |          | -38<br>59<br>-47<br>88   |
| <b>4</b><br>wo  | 3:54<br>7:38<br>15:56<br>19:53             |          | -71<br>106<br>-50<br>115 | <b>14</b><br>za | 0:16<br>4:31<br>NM 19:55<br>13:34*<br>16:47 | -61<br>117<br>-53<br>104 |           | <b>24</b><br>di | 7:56<br>12:28<br>20:01                       |          | -33<br>54<br>-46         |
| <b>5</b><br>do  | 4:36<br>8:22<br>16:37<br>20:36             |          | -64<br>92<br>-49<br>106  | <b>15</b><br>zo | 0:36<br>5:00<br>14:14*<br>17:16             | -60<br>120<br>-51<br>111 |           | <b>25</b><br>wo | 1:14<br>10:01<br>13:44<br>21:28              |          | 96<br>-43<br>62<br>-55   |
| <b>6</b><br>vr  | 5:14<br>9:09<br>LK 15:48<br>17:14<br>21:25 |          | -53<br>77<br>-46<br>92   | <b>16</b><br>ma | 1:07<br>5:30<br>14:44*<br>17:46             | -60<br>122<br>-48<br>116 |           | <b>26</b><br>do | 2:17<br>11:17<br>14:39<br>22:30              |          | 108<br>-52<br>77<br>-63  |
| <b>7</b><br>za  | 5:53<br>10:06<br>17:52<br>22:39            |          | -41<br>60<br>-43<br>76   | <b>17</b><br>di | 1:43<br>6:02<br>14:10<br>18:18              | -60<br>122<br>-48<br>120 |           | <b>27</b><br>vr | 3:05<br>12:37*<br>15:26<br>23:14             |          | 118<br>-55<br>91<br>-65  |
| <b>8</b><br>zo  | 6:45<br>11:58<br>18:48                     |          | -32<br>46<br>-39         | <b>18</b><br>wo | 2:17<br>6:35<br>14:37<br>18:52              | -58<br>120<br>-48<br>123 |           | <b>28</b><br>za | 3:48<br>13:37*<br>VM 22:24<br>16:08<br>23:55 |          | 123<br>-55<br>104<br>-65 |
| <b>9</b><br>ma  | 0:48<br>8:03<br>13:28<br>20:19             |          | 72<br>-27<br>51<br>-38   | <b>19</b><br>do | 2:44<br>7:11<br>15:06<br>19:27              | -56<br>116<br>-51<br>125 |           | <b>29</b><br>zo | 3:30<br>13:24*<br>15:49<br>23:39             |          | 125<br>-50<br>113<br>-64 |
| <b>10</b><br>di | 2:02<br>9:50<br>14:25<br>21:54             |          | 84<br>-35<br>65<br>-47   | <b>20</b><br>vr | 3:10<br>7:50<br>15:42<br>20:07              | -55<br>109<br>-53<br>122 |           | <b>30</b><br>ma | 4:11<br>14:01*<br>16:29                      |          | 123<br>-43<br>119        |
|                 |  |          |                          |                 |   |                          |           | <b>31</b><br>di | 0:33<br>4:53<br>12:53<br>17:08               |          | -64<br>117<br>-49<br>122 |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| November 2023             |                                |          |                          |                             |                                 |            |                          |                             |                                  |          |                          |
|---------------------------|--------------------------------|----------|--------------------------|-----------------------------|---------------------------------|------------|--------------------------|-----------------------------|----------------------------------|----------|--------------------------|
| datum                     | uu:mm                          | HW<br>cm | LW<br>NAP                | datum                       | uu:mm                           | HW<br>cm   | LW<br>NAP                | datum                       | uu:mm                            | HW<br>cm | LW<br>NAP                |
| <b>1</b><br>wo            | 1:35<br>5:35<br>13:44<br>17:47 |          | -63<br>108<br>-55<br>121 | <b>11</b><br>za             | 2:25<br>10:41<br>14:39<br>22:15 | 110<br>94  | -54<br>-59               | <b>21</b><br>di             | 4:51<br>9:49<br>17:21<br>22:33   |          | -37<br>61<br>-59<br>98   |
| <b>2</b><br>do            | 2:27<br>6:16<br>14:29<br>18:27 |          | -60<br>98<br>-58<br>116  | <b>12</b><br>zo             | 2:57<br>11:24<br>15:11<br>22:57 | 115<br>104 | -55<br>-58               | <b>22</b><br>wo             | 7:21<br>11:02<br>18:46<br>23:45  |          | -37<br>59<br>-59<br>101  |
| <b>3</b><br>vr            | 3:07<br>6:57<br>15:07<br>19:08 |          | -53<br>86<br>-57<br>107  | <b>13</b><br>ma<br>NM 10:27 | 3:28<br>11:58<br>15:43<br>23:40 | 119<br>113 | -53<br>-56               | <b>23</b><br>do             | 8:36<br>12:11<br>19:59           |          | -45<br>66<br>-65         |
| <b>4</b><br>za            | 3:41<br>7:40<br>15:38<br>19:56 |          | -43<br>73<br>-55<br>95   | <b>14</b><br>di             | 4:01<br>12:24<br>16:17          | 121<br>120 | -52                      | <b>24</b><br>vr             | 0:49<br>9:39<br>13:10<br>20:57   | 107      | -50<br>78<br>-67         |
| <b>5</b><br>zo<br>LK 9:37 | 4:04<br>8:28<br>16:09<br>21:06 |          | -35<br>60<br>-52<br>81   | <b>15</b><br>wo             | 0:23<br>4:37<br>12:50<br>16:53  |            | -54<br>120<br>-53<br>125 | <b>25</b><br>za             | 1:42<br>10:41<br>14:00<br>21:47  | 113      | -49<br>91<br>-66         |
| <b>6</b><br>ma            | 4:44<br>9:35<br>16:55<br>22:49 |          | -29<br>47<br>-49<br>74   | <b>16</b><br>do             | 1:00<br>5:14<br>13:20<br>17:30  |            | -52<br>117<br>-55<br>128 | <b>26</b><br>zo             | 2:29<br>11:50*<br>14:46<br>22:34 | 115      | -45<br>101<br>-62        |
| <b>7</b><br>di            | 6:03<br>11:42<br>18:08         |          | -26<br>45<br>-45         | <b>17</b><br>vr             | 1:29<br>5:54<br>13:54<br>18:10  |            | -51<br>110<br>-59<br>127 | <b>27</b><br>ma<br>VM 10:16 | 3:14<br>11:02<br>15:29<br>23:25  | 114      | -46<br>109<br>-59        |
| <b>8</b><br>wo            | 0:21<br>7:33<br>12:44<br>19:34 | 81       | -30<br>56<br>-47         | <b>18</b><br>za             | 2:03<br>6:38<br>14:34<br>18:54  | 99         | -50<br>-62<br>121        | <b>28</b><br>di             | 3:57<br>11:46<br>16:10           | 111      | -51<br>114               |
| <b>9</b><br>do            | 1:11<br>8:52<br>13:29<br>20:38 | 93       | -41<br>70<br>-53         | <b>19</b><br>zo             | 2:48<br>7:28<br>15:21<br>19:46  | 85         | -48<br>-64<br>110        | <b>29</b><br>wo             | 0:22<br>4:40<br>12:34<br>16:49   |          | -57<br>105<br>-58<br>117 |
| <b>10</b><br>vr           | 1:50<br>9:52<br>14:06<br>21:31 | 103      | -50<br>83<br>-58         | <b>20</b><br>ma<br>EK 11:50 | 3:43<br>8:32<br>16:14<br>21:04  | 70         | -44<br>-63<br>99         | <b>30</b><br>do             | 1:14<br>5:21<br>13:21<br>17:29   |          | -55<br>99<br>-65<br>116  |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

Nederlandse tijd

*Cursief gedrukte tijdstippen zijn in ZOMERTIJD*

# IJmuiden

## Hoog- en laagwaterstanden en -tijdstippen

| December 2023             |                                |          |                         |                             |                                 |                          |           |                            |                                 |                          |           |
|---------------------------|--------------------------------|----------|-------------------------|-----------------------------|---------------------------------|--------------------------|-----------|----------------------------|---------------------------------|--------------------------|-----------|
| datum                     | uu:mm                          | HW<br>cm | LW<br>NAP               | datum                       | uu:mm                           | HW<br>cm                 | LW<br>NAP | datum                      | uu:mm                           | HW<br>cm                 | LW<br>NAP |
| <b>1</b><br>vr            | 1:59<br>6:02<br>14:04<br>18:09 |          | -52<br>91<br>-68<br>113 | <b>11</b><br>ma             | 2:20<br>10:35<br>14:36<br>22:28 | 107<br>-57<br>100<br>-58 |           | <b>21</b><br>do            | 6:55<br>10:30<br>18:23<br>23:10 | -41<br>71<br>-73<br>102  |           |
| <b>2</b><br>za            | 2:38<br>6:41<br>14:40<br>18:51 |          | -47<br>84<br>-68<br>107 | <b>12</b><br>di             | 2:58<br>11:20<br>15:14<br>23:26 | 111<br>-58<br>110<br>-56 |           | <b>22</b><br>vr            | 7:46<br>11:35<br>19:27          | -44<br>72<br>-73         |           |
| <b>3</b><br>zo            | 3:07<br>7:21<br>15:09<br>19:37 |          | -41<br>76<br>-67<br>98  | <b>13</b><br>wo<br>NM 0:32  | 3:37<br>11:57<br>15:53          | 113<br>-59<br>118        |           | <b>23</b><br>za            | 0:17<br>8:39<br>12:38<br>20:26  | 100<br>-47<br>78<br>-70  |           |
| <b>4</b><br>ma            | 3:28<br>8:03<br>15:42<br>20:35 |          | -37<br>68<br>-65<br>89  | <b>14</b><br>do             | 0:18<br>4:17<br>12:30<br>16:33  | -55<br>112<br>-61<br>124 |           | <b>24</b><br>zo            | 1:18<br>9:29<br>13:36<br>21:28  | 100<br>-49<br>87<br>-65  |           |
| <b>5</b><br>di<br>LK 6:49 | 4:08<br>8:54<br>16:26<br>21:41 |          | -35<br>60<br>-62<br>82  | <b>15</b><br>vr             | 0:58<br>4:59<br>13:05<br>17:14  | -53<br>109<br>-65<br>126 |           | <b>25</b><br>ma            | 2:13<br>10:13<br>14:28<br>22:38 | 101<br>-51<br>95<br>-60  |           |
| <b>6</b><br>wo            | 5:04<br>9:57<br>17:25<br>22:51 |          | -33<br>53<br>-58<br>80  | <b>16</b><br>za             | 1:31<br>5:44<br>13:44<br>17:58  | -51<br>102<br>-70<br>125 |           | <b>26</b><br>di            | 3:03<br>10:54<br>15:16<br>23:32 | 100<br>-55<br>102<br>-56 |           |
| <b>7</b><br>do            | 6:25<br>11:16<br>18:38         |          | -35<br>53<br>-57        | <b>17</b><br>zo             | 2:06<br>6:31<br>14:26<br>18:46  | -50<br>93<br>-75<br>120  |           | <b>27</b><br>wo<br>VM 1:33 | 3:50<br>11:37<br>16:00          | 99<br>-60<br>106         |           |
| <b>8</b><br>vr            | 0:05<br>7:39<br>12:26<br>19:42 |          | 84<br>-41<br>63<br>-58  | <b>18</b><br>ma             | 2:48<br>7:23<br>15:12<br>19:42  | -49<br>84<br>-78<br>113  |           | <b>28</b><br>do            | 0:16<br>4:32<br>12:20<br>16:40  | -53<br>96<br>-67<br>109  |           |
| <b>9</b><br>za            | 0:58<br>8:42<br>13:14<br>20:38 |          | 93<br>-48<br>75<br>-60  | <b>19</b><br>di<br>EK 19:39 | 3:37<br>8:22<br>16:04<br>20:52  | -46<br>77<br>-77<br>107  |           | <b>29</b><br>vr            | 0:57<br>5:12<br>13:02<br>17:18  | -51<br>94<br>-73<br>111  |           |
| <b>10</b><br>zo           | 1:41<br>9:42<br>13:56<br>21:32 | 101      | -54<br>88<br>-60        | <b>20</b><br>wo             | 4:37<br>9:26<br>17:08<br>22:03  | -42<br>72<br>-75<br>104  |           | <b>30</b><br>za            | 1:36<br>5:49<br>13:42<br>17:57  | -49<br>91<br>-77<br>111  |           |
|                           |                                |          |                         |                             |                                 |                          |           | <b>31</b><br>zo            | 2:12<br>6:26<br>14:16<br>18:36  | -47<br>88<br>-78<br>108  |           |

Referentievlak: NAP

LAT = NAP-103 cm

\* = Voorspeld tijdstip valt aan het einde van de laagwaterperiode

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