

| ΠΑΡΑΡΤΗΜΑ Ι                                                                  |                 |                |                |                |          |          |    |        |        |           |
|------------------------------------------------------------------------------|-----------------|----------------|----------------|----------------|----------|----------|----|--------|--------|-----------|
| Έλεγχος ποιότητας του ατμοσφαιρικού αέρα / Σταθμός μέτρησης Ι.Μ. Οσίου Λουκά |                 |                |                |                |          |          |    |        |        |           |
| ALLDAYS                                                                      | PM10<br>(µg/m³) | NO2<br>(µg/m³) | NOx<br>(µg/m³) | SO2<br>(µg/m³) | WS (m/s) | WD (deg) |    | T (°C) | RH (%) | Rain (mm) |
| 01/01/2024 00:00:00                                                          | 4,40            | 8,44           | 11,02          | 10,04          | 1,81     | 170,88   | S  | 12,99  | 60,96  | 0         |
| 02/01/2024 00:00:00                                                          | 3,46            | 8,41           | 10,94          | 10,37          | 2,41     | 190,11   | S  | 12,64  | 65,84  | 0         |
| 03/01/2024 00:00:00                                                          | 2,82            | 8,12           | 10,61          | 10,94          | 2,43     | 154,73   | SE | 11,80  | 61,27  | 0         |
| 04/01/2024 00:00:00                                                          | 2,98            | 8,13           | 10,65          | 11,08          | 2,43     | 147,04   | SE | 12,61  | 67,63  | 0         |
| 05/01/2024 00:00:00                                                          | 3,38            | 9,00           | 11,84          | 10,86          | 1,16     | 180,10   | S  | 12,86  | 63,52  | 0         |
| 06/01/2024 00:00:00                                                          | 4,46            | 8,51           | 11,01          | 10,80          | 3,18     | 163,28   | S  | 12,98  | 69,39  | 0         |
| 07/01/2024 00:00:00                                                          | 1,98            | 7,60           | 9,76           | 11,78          | 6,16     | 233,73   | SW | 10,86  | 71,98  | 0         |
| 08/01/2024 00:00:00                                                          | 1,28            | 7,91           | 10,28          | 12,35          | 2,55     | 201,21   | S  | 9,22   | 74,40  | 0         |
| 09/01/2024 00:00:00                                                          | 1,02            | 7,26           | 9,80           | 13,13          | 2,18     | 107,57   | E  | 5,86   | 81,78  | 0         |
| 10/01/2024 00:00:00                                                          | 2,24            | 6,34           | 9,07           | 11,03          | 2,42     | 166,18   | S  | 3,81   | 77,82  | 0         |
| 11/01/2024 00:00:00                                                          | 3,78            | 6,42           | 9,40           | 8,84           | 1,08     | 113,45   | SE | 4,99   | 74,89  | 0         |
| 12/01/2024 00:00:00                                                          | 4,87            | 6,15           | 9,04           | 9,31           | 1,57     | 148,42   | SE | 4,67   | 80,75  | 0         |
| 13/01/2024 00:00:00                                                          | 4,66            | 6,53           | 9,25           | 7,51           | 1,78     | 155,39   | SE | 4,30   | 73,69  | 0         |
| 14/01/2024 00:00:00                                                          | 4,50            | 7,02           | 9,67           | 6,51           | 1,97     | 142,29   | SE | 6,46   | 65,34  | 0         |
| 15/01/2024 00:00:00                                                          | 2,55            | 7,04           | 9,60           | 7,08           | 2,90     | 175,95   | S  | 8,31   | 67,96  | 0         |
| 16/01/2024 00:00:00                                                          | 3,32            | 6,90           | 9,80           | 6,68           | 3,14     | 196,39   | S  | 12,09  | 77,51  | 0         |
| 17/01/2024 00:00:00                                                          | 4,54            | 5,90           | 8,82           | 6,28           | 1,59     | 182,58   | S  | 12,17  | 75,81  | 0         |
| 18/01/2024 00:00:00                                                          | 6,08            | 4,00           | 6,59           | 6,78           | 3,97     | 228,70   | SW | 14,44  | 66,57  | 0         |
| 19/01/2024 00:00:00                                                          | 3,95            | 4,26           | 6,48           | 7,07           | 5,15     | 231,06   | SW | 15,53  | 56,62  | 0         |
| 20/01/2024 00:00:00                                                          | 3,60            | 3,77           | 6,59           | 6,66           | 1,91     | 201,10   | S  | 12,67  | 71,65  | 0         |
| 21/01/2024 00:00:00                                                          | 0,75            | 2,85           | 5,04           | 6,94           | 3,95     | 242,35   | SW | 3,81   | 83,44  | 0         |
| 22/01/2024 00:00:00                                                          | 2,77            | 2,82           | 4,89           | 6,68           | 3,91     | 190,88   | S  | 3,29   | 61,95  | 0         |
| 23/01/2024 00:00:00                                                          | 4,06            | 3,05           | 5,25           | 7,53           | 2,49     | 138,43   | SE | 5,37   | 57,26  | 0         |
| 24/01/2024 00:00:00                                                          | 4,97            | 3,10           | 5,10           | 9,17           | 2,91     | 158,49   | S  | 6,36   | 50,11  | 0         |
| 25/01/2024 00:00:00                                                          | 3,92            | 3,49           | 5,81           | 8,76           | 0,98     | 137,32   | SE | 8,75   | 47,32  | 0         |
| 26/01/2024 00:00:00                                                          | 2,63            | 2,94           | 5,09           | 8,61           | 1,69     | 196,51   | S  | 10,24  | 38,15  | 0         |
| 27/01/2024 00:00:00                                                          | 4,32            | 3,50           | 5,56           | 8,57           | 1,18     | 140,35   | SE | 8,54   | 49,14  | 0         |
| 28/01/2024 00:00:00                                                          | 2,36            | 2,84           | 4,78           | 9,25           | 2,50     | 157,02   | SE | 5,99   | 50,73  | 0         |
| 29/01/2024 00:00:00                                                          | 3,32            | 2,60           | 4,52           | 9,88           | 1,94     | 145,12   | SE | 3,00   | 69,06  | 0         |
| 30/01/2024 00:00:00                                                          | 1,91            | 2,15           | 3,88           | 9,46           | 1,94     | 128,19   | SE | 1,13   | 85,89  | 0         |
| 31/01/2024 00:00:00                                                          | 2,87            | 1,79           | 3,50           | 7,08           | 3,26     | 171,68   | S  | 3,18   | 64,19  | 0         |
| 01/02/2024 00:00:00                                                          | 3,43            | 2,06           | 4,04           | 7,17           | 1,89     | 172,85   | S  | 6,08   | 41,60  | 0         |
| 02/02/2024 00:00:00                                                          | 4,72            | 1,96           | 4,04           | 7,30           | 1,16     | 153,42   | SE | 7,78   | 44,51  | 0         |
| 03/02/2024 00:00:00                                                          | 10,61           | 2,28           | 4,46           | 7,24           | 1,34     | 147,99   | SE | 7,83   | 55,36  | 0         |
| 04/02/2024 00:00:00                                                          | 4,97            | 2,19           | 4,39           | 7,08           | 1,06     | 162,90   | S  | 10,14  | 50,54  | 0         |
| 05/02/2024 00:00:00                                                          | 4,05            | 2,36           | 4,73           | 6,80           | 1,29     | 172,25   | S  | 13,23  | 47,21  | 0         |
| 06/02/2024 00:00:00                                                          | 6,27            | 6,74           | 8,69           | 5,83           | 1,22     | 205,67   | SW | 14,17  | 41,66  | 0         |
| 07/02/2024 00:00:00                                                          | 4,01            | 7,45           | 9,89           | 3,80           | 1,30     | 164,62   | S  | 12,94  | 49,98  | 0         |
| 08/02/2024 00:00:00                                                          | 4,26            | 8,29           | 10,99          | 5,06           | 2,10     | 165,22   | S  | 12,91  | 51,17  | 0         |
| 09/02/2024 00:00:00                                                          | 4,65            | 8,08           | 10,64          | 4,74           | 1,86     | 146,94   | SE | 11,96  | 62,85  | 0         |
| 10/02/2024 00:00:00                                                          | 4,98            | 8,86           | 11,13          | 1,75           | 2,81     | 209,03   | SW | 13,33  | 48,07  | 0         |
| 11/02/2024 00:00:00                                                          | 3,66            | 7,05           | 9,08           | 0,33           | 6,90     | 213,28   | SW | 14,28  | 54,60  | 0         |
| 12/02/2024 00:00:00                                                          | 2,28            | 7,40           | 9,24           | 2,21           | 4,07     | 213,45   | SW | 11,14  | 65,98  | 0         |
| 13/02/2024 00:00:00                                                          | 2,35            | 7,79           | 10,21          | 3,07           | 1,29     | 119,18   | SE | 10,24  | 67,13  | 2         |
| 14/02/2024 00:00:00                                                          | 4,51            | 7,32           | 9,84           | 4,05           | 1,73     | 132,55   | SE | 9,76   | 57,44  | 0         |
| 15/02/2024 00:00:00                                                          | 6,02            | 7,39           | 9,76           | 2,38           | 2,11     | 159,49   | S  | 8,34   | 53,08  | 0         |
| 16/02/2024 00:00:00                                                          | 6,41            | 7,53           | 9,92           | 3,01           | 1,10     | 114,36   | SE | 8,41   | 52,90  | 0         |
| 17/02/2024 00:00:00                                                          | 7,92            | 7,42           | 9,73           | 3,35           | 0,90     | 92,44    | E  | 9,45   | 62,42  | 0         |
| 18/02/2024 00:00:00                                                          | 10,74           | 7,68           | 10,05          | 3,29           | 1,05     | 143,83   | SE | 10,04  | 69,63  | 0         |
| 19/02/2024 00:00:00                                                          | 12,92           | 8,25           | 10,72          | 3,58           | 1,33     | 163,71   | S  | 10,19  | 67,97  | 0         |
| 20/02/2024 00:00:00                                                          | 11,26           | 7,62           | 10,12          | 3,70           | 0,95     | 130,00   | SE | 9,60   | 71,79  | 0         |
| 21/02/2024 00:00:00                                                          | 10,27           | 7,37           | 9,75           | 3,91           | 0,78     | 93,99    | E  | 8,28   | 79,53  | 1,6       |
| 22/02/2024 00:00:00                                                          | 12,66           | 7,97           | 10,47          | 5,18           | 1,93     | 139,70   | SE | 9,23   | 84,75  | 0         |
| 23/02/2024 00:00:00                                                          | 7,73            | 7,74           | 9,98           | 5,05           | 2,72     | 226,96   | SW | 11,65  | 79,22  | 0,2       |
| 24/02/2024 00:00:00                                                          | 7,19            | 8,01           | 10,10          | 4,65           | 2,44     | 204,58   | SW | 12,95  | 69,05  | 0         |
| 25/02/2024 00:00:00                                                          | 7,15            | 7,41           | 9,76           | 4,57           | 1,84     | 160,17   | S  | 13,48  | 68,73  | 1         |
| 26/02/2024 00:00:00                                                          | 2,41            | 6,66           | 8,81           | 3,75           | 1,50     | 131,48   | SE | 10,66  | 82,67  | 37,8      |
| 27/02/2024 00:00:00                                                          | 5,83            | 7,06           | 9,46           | 4,63           | 1,17     | 144,09   | SE | 12,41  | 80,47  | 0         |
| 28/02/2024 00:00:00                                                          | 6,71            | 6,13           | 9,00           | 4,76           | 1,01     | 85,21    | E  | 13,04  | 82,02  | 0,4       |
| 29/02/2024 00:00:00                                                          | 6,63            | 6,38           | 9,10           | 4,14           | 1,07     | 150,29   | SE | 13,86  | 68,20  | 0         |
| 01/03/2024 00:00:00                                                          | 4,36            | 6,62           | 9,40           | 3,87           | 0,90     | 130,21   | SE | 10,28  | 82,89  | 36        |

|                     |       |      |       |       |      |        |    |       |       |     |
|---------------------|-------|------|-------|-------|------|--------|----|-------|-------|-----|
| 02/03/2024 00:00:00 | 6,08  | 6,76 | 9,85  | 4,97  | 1,42 | 111,89 | E  | 10,16 | 77,72 | 3,6 |
| 03/03/2024 00:00:00 | 5,10  | 6,44 | 9,59  | 4,59  | 1,58 | 137,79 | SE | 11,86 | 62,89 | 0   |
| 04/03/2024 00:00:00 | 4,80  | 6,90 | 10,23 | 4,46  | 2,85 | 179,62 | S  | 12,31 | 67,08 | 2   |
| 05/03/2024 00:00:00 | 2,26  | 6,78 | 9,60  | 4,29  | 3,36 | 201,92 | S  | 9,29  | 76,79 | 5,2 |
| 06/03/2024 00:00:00 | 4,02  | 7,33 | 10,19 | 3,75  | 1,66 | 152,49 | SE | 11,31 | 62,30 | 0,8 |
| 07/03/2024 00:00:00 | 4,43  | 7,21 | 9,58  | 3,75  | 2,74 | 161,93 | S  | 11,82 | 58,23 | 0,6 |
| 08/03/2024 00:00:00 | 2,31  | 7,49 | 10,38 | 3,59  | 1,38 | 150,94 | SE | 9,64  | 66,42 | 0,2 |
| 09/03/2024 00:00:00 | 5,91  | 7,91 | 10,79 | 3,45  | 1,13 | 110,06 | E  | 9,23  | 75,42 | 0,2 |
| 10/03/2024 00:00:00 | 7,28  | 7,46 | 10,38 | 3,73  | 1,41 | 134,32 | SE | 11,48 | 72,05 | 0   |
| 11/03/2024 00:00:00 | 7,91  | 7,56 | 10,18 | 4,34  | 3,38 | 153,29 | SE | 13,02 | 71,37 | 0,2 |
| 12/03/2024 00:00:00 | 3,62  | 7,61 | 10,08 | 4,69  | 3,33 | 213,06 | SW | 11,06 | 75,75 | 0,2 |
| 13/03/2024 00:00:00 | 1,69  | 7,68 | 9,92  | 6,61  | 2,04 | 142,16 | SE | 10,42 | 68,90 | 0,4 |
| 14/03/2024 00:00:00 | 2,66  | 7,61 | 10,13 | 8,89  | 1,93 | 150,75 | SE | 11,33 | 64,18 | 0,2 |
| 15/03/2024 00:00:00 | 5,21  | 7,81 | 10,25 | 8,77  | 2,03 | 166,15 | S  | 11,91 | 63,97 | 0,2 |
| 16/03/2024 00:00:00 | 7,90  | 7,85 | 10,21 | 8,05  | 1,58 | 165,61 | S  | 11,81 | 66,23 | 0,2 |
| 17/03/2024 00:00:00 | 9,17  | 7,24 | 9,68  | 8,18  | 0,86 | 98,95  | E  | 11,35 | 75,15 | 0,2 |
| 18/03/2024 00:00:00 | 8,81  | 7,73 | 10,17 | 8,17  | 1,64 | 141,36 | SE | 12,50 | 65,24 | 0,2 |
| 19/03/2024 00:00:00 | 5,17  | 7,55 | 9,94  | 8,37  | 1,08 | 157,32 | SE | 11,11 | 74,85 | 0,2 |
| 20/03/2024 00:00:00 | 6,11  | 7,15 | 9,20  | 7,81  | 2,35 | 157,81 | S  | 8,03  | 72,85 | 0,2 |
| 21/03/2024 00:00:00 | 7,14  | 7,92 | 10,07 | 6,35  | 1,72 | 142,22 | SE | 9,72  | 55,48 | 0,2 |
| 22/03/2024 00:00:00 | 6,84  | 7,42 | 9,48  | 6,98  | 1,20 | 106,57 | E  | 10,18 | 65,83 | 0   |
| 23/03/2024 00:00:00 | 7,70  | 8,48 | 10,54 | 6,71  | 1,72 | 134,38 | SE | 10,28 | 55,41 | 0,2 |
| 24/03/2024 00:00:00 | 7,64  | 7,96 | 9,93  | 7,24  | 3,04 | 184,79 | S  | 12,18 | 56,58 | 0,2 |
| 25/03/2024 00:00:00 | 6,69  | 7,29 | 9,14  | 8,48  | 5,82 | 221,52 | SW | 14,44 | 61,65 | 0,8 |
| 26/03/2024 00:00:00 | 5,80  | 8,06 | 10,25 | 8,95  | 1,69 | 206,24 | SW | 12,57 | 62,19 | 0   |
| 27/03/2024 00:00:00 | 19,56 | 7,05 | 9,94  | 10,52 | 1,90 | 173,76 | S  | 15,94 | 71,24 | 0   |
| 28/03/2024 00:00:00 | 20,98 | 7,05 | 9,63  | 10,40 | 2,30 | 201,32 | S  | 16,18 | 58,92 | 0,2 |
| 29/03/2024 00:00:00 | 6,51  | 6,96 | 9,63  | 8,18  | 1,71 | 175,17 | S  | 17,07 | 41,51 | 0,2 |
| 30/03/2024 00:00:00 | 12,06 | 7,72 | 10,25 | 7,37  | 1,83 | 190,33 | S  | 17,10 | 43,54 | 0   |
| 31/03/2024 00:00:00 | 14,17 | 7,00 | 9,97  | 8,07  | 1,45 | 168,12 | S  | 18,25 | 43,92 | 0,2 |
| 01/04/2024 00:00:00 | 16,35 | 6,19 | 9,23  | 7,79  | 1,56 | 164,14 | S  | 19,23 | 40,68 | 0   |
| 02/04/2024 00:00:00 | 18,22 | 7,02 | 9,38  | 7,01  | 3,27 | 183,42 | S  | 19,52 | 39,63 | 0   |
| 03/04/2024 00:00:00 | 5,80  | 7,35 | 9,65  | 7,09  | 1,94 | 151,18 | SE | 17,15 | 30,22 | 0   |
| 04/04/2024 00:00:00 | 5,41  | 7,73 | 10,20 | 6,89  | 2,04 | 164,19 | S  | 16,51 | 36,37 | 0   |
| 05/04/2024 00:00:00 | 7,21  | 7,23 | 9,90  | 8,15  | 1,73 | 169,68 | S  | 17,81 | 36,76 | 0   |
| 06/04/2024 00:00:00 | 6,70  | 6,98 | 9,67  | 8,24  | 1,92 | 186,87 | S  | 18,63 | 38,86 | 0   |
| 07/04/2024 00:00:00 | 6,20  | 5,83 | 8,12  | 7,76  | 1,70 | 115,44 | SE | 17,75 | 47,70 | 3   |
| 08/04/2024 00:00:00 | 3,64  | 7,03 | 8,82  | 7,27  | 3,07 | 93,49  | E  | 14,97 | 50,79 | 0,6 |
| 09/04/2024 00:00:00 | 3,88  | 6,72 | 8,91  | 6,65  | 1,86 | 116,55 | SE | 17,57 | 35,92 | 0   |
| 10/04/2024 00:00:00 | 7,03  | 7,39 | 10,07 | 8,29  | 1,90 | 180,77 | S  | 17,87 | 40,29 | 0   |
| 11/04/2024 00:00:00 | 6,78  | 6,45 | 8,64  | 7,98  | 2,43 | 124,31 | SE | 18,17 | 36,72 | 0   |
| 12/04/2024 00:00:00 | 13,12 | 6,73 | 8,71  | 7,53  | 3,60 | 79,71  | E  | 19,38 | 39,92 | 0   |
| 13/04/2024 00:00:00 | 13,15 | 5,61 | 7,81  | 8,57  | 1,89 | 100,12 | E  | 20,56 | 46,24 | 0   |
| 14/04/2024 00:00:00 | 13,54 | 5,96 | 8,57  | 10,14 | 1,50 | 115,31 | SE | 21,04 | 44,42 | 0   |
| 15/04/2024 00:00:00 | 12,87 | 5,85 | 8,56  | 10,79 | 1,81 | 165,90 | S  | 21,57 | 42,02 | 0   |
| 16/04/2024 00:00:00 | 11,68 | 6,77 | 9,44  | 9,65  | 2,71 | 185,93 | S  | 20,74 | 34,02 | 0   |
| 17/04/2024 00:00:00 | 12,33 | 7,82 | 10,59 | 11,36 | 3,52 | 231,58 | SW | 18,24 | 58,97 | 0   |
| 18/04/2024 00:00:00 | 3,51  | 8,56 | 10,59 | 12,75 | 6,03 | 239,04 | SW | 15,54 | 49,37 | 0,2 |
| 19/04/2024 00:00:00 | 4,36  | 8,61 | 10,89 | 12,72 | 2,01 | 194,38 | S  | 13,00 | 62,33 | 7,2 |
| 20/04/2024 00:00:00 | 2,99  | 8,46 | 10,61 | 13,12 | 2,75 | 210,16 | SW | 12,71 | 55,53 | 1,8 |
| 21/04/2024 00:00:00 | 3,31  | 8,76 | 10,81 | 12,45 | 4,13 | 200,83 | S  | 13,69 | 48,76 | 0   |
| 22/04/2024 00:00:00 | 4,86  | 7,42 | 9,80  | 13,72 | 1,08 | 171,07 | S  | 14,98 | 61,49 | 0   |
| 23/04/2024 00:00:00 | 9,90  | 6,77 | 9,46  | 14,46 | 1,07 | 202,26 | S  | 15,79 | 77,69 | 0   |
| 24/04/2024 00:00:00 | 16,39 | 7,07 | 9,61  | 15,17 | 2,31 | 183,69 | S  | 16,97 | 59,99 | 0   |
| 25/04/2024 00:00:00 | 4,15  | 8,83 | 11,04 | 14,56 | 3,22 | 189,78 | S  | 14,16 | 54,46 | 0   |
| 26/04/2024 00:00:00 | 3,85  | 8,65 | 10,88 | 14,92 | 2,33 | 165,46 | S  | 14,07 | 49,86 | 0   |
| 27/04/2024 00:00:00 | 5,05  | 7,80 | 9,91  | 14,47 | 1,80 | 107,80 | E  | 15,73 | 47,84 | 0   |
| 28/04/2024 00:00:00 | 5,72  | 7,20 | 9,25  | 13,88 | 2,79 | 181,35 | S  | 18,03 | 37,49 | 0   |
| 29/04/2024 00:00:00 | 6,38  | 7,25 | 9,22  | 13,94 | 3,11 | 108,56 | E  | 17,42 | 45,33 | 0   |
| 30/04/2024 00:00:00 | 5,17  | 6,99 | 9,02  | 14,09 | 2,58 | 129,27 | SE | 16,10 | 60,32 | 0   |
| 01/05/2024 00:00:00 | 3,72  | 7,16 | 9,34  | 15,90 | 2,70 | 183,27 | S  | 16,94 | 69,77 | 0   |
| 02/05/2024 00:00:00 | 6,77  | 7,43 | 9,88  | 16,83 | 2,84 | 215,67 | SW | 17,74 | 60,67 | 0   |
| 03/05/2024 00:00:00 | 5,79  | 7,63 | 9,82  | 17,86 | 5,16 | 190,28 | S  | 16,23 | 59,96 | 0   |
| 04/05/2024 00:00:00 | 1,93  | 7,91 | 10,08 | 18,49 | 2,37 | 180,52 | S  | 13,36 | 66,41 | 4,8 |
| 05/05/2024 00:00:00 | 5,03  | 7,03 | 9,10  | 17,52 | 1,99 | 168,67 | S  | 16,17 | 53,48 | 0,2 |

|                     |       |       |       |       |      |        |    |       |       |      |
|---------------------|-------|-------|-------|-------|------|--------|----|-------|-------|------|
| 06/05/2024 00:00:00 | 6,82  | 7,28  | 9,62  | 19,06 | 2,13 | 153,15 | SE | 17,51 | 49,80 | 0    |
| 07/05/2024 00:00:00 | 4,79  | 6,23  | 8,47  | 19,99 | 1,98 | 152,55 | SE | 19,59 | 40,36 | 0    |
| 08/05/2024 00:00:00 | 4,07  | 6,50  | 8,93  | 17,40 | 2,35 | 193,23 | S  | 19,95 | 40,34 | 0    |
| 09/05/2024 00:00:00 | 7,69  | 7,14  | 9,69  | 17,99 | 0,81 | 140,53 | SE | 16,16 | 61,52 | 22,6 |
| 10/05/2024 00:00:00 | 5,12  | 6,57  | 9,22  | 20,62 | 2,00 | 152,67 | SE | 12,87 | 87,77 | 28   |
| 11/05/2024 00:00:00 | 1,92  | 6,73  | 9,64  | 21,64 | 2,21 | 181,70 | S  | 14,17 | 64,26 | 1,8  |
| 12/05/2024 00:00:00 | 5,02  | 7,21  | 10,36 | 22,36 | 1,74 | 144,32 | SE | 17,14 | 42,39 | 0    |
| 13/05/2024 00:00:00 | 7,07  | 6,98  | 10,19 | 22,24 | 1,42 | 149,38 | SE | 17,54 | 56,11 | 0    |
| 14/05/2024 00:00:00 | 5,64  | 7,87  | 10,97 | 23,23 | 1,55 | 167,85 | S  | 15,08 | 77,75 | 0    |
| 15/05/2024 00:00:00 | 5,36  | 7,48  | 10,50 | 14,98 | 1,73 | 157,34 | SE | 16,29 | 72,23 | 0    |
| 16/05/2024 00:00:00 | 7,12  | 6,26  | 9,54  | 3,08  | 1,16 | 195,48 | S  | 16,78 | 69,41 | 0    |
| 17/05/2024 00:00:00 | 15,24 | 6,18  | 9,81  | 3,64  | 0,81 | 189,73 | S  | 16,36 | 74,82 | 0    |
| 18/05/2024 00:00:00 | 25,08 | 7,69  | 11,18 | 5,81  | 1,08 | 158,88 | S  | 19,09 | 71,43 | 0    |
| 19/05/2024 00:00:00 | 33,79 | 6,67  | 9,92  | 4,63  | 1,80 | 188,08 | S  | 23,04 | 59,19 | 0    |
| 20/05/2024 00:00:00 | 21,21 | 5,88  | 9,22  | 2,96  | 1,59 | 180,34 | S  | 22,65 | 61,34 | 0    |
| 21/05/2024 00:00:00 | 17,90 | 6,71  | 10,03 | 3,02  | 1,77 | 173,31 | S  | 22,64 | 56,30 | 0    |
| 22/05/2024 00:00:00 | 22,05 | 7,65  | 10,75 | 4,19  | 2,82 | 172,70 | S  | 22,28 | 52,46 | 0    |
| 23/05/2024 00:00:00 | 5,88  | 7,16  | 9,96  | 4,76  | 2,63 | 176,33 | S  | 20,46 | 49,14 | 0    |
| 24/05/2024 00:00:00 | 5,84  | 8,30  | 11,11 | 6,15  | 2,29 | 183,01 | S  | 21,86 | 43,86 | 0    |
| 25/05/2024 00:00:00 | 5,57  | 6,04  | 8,64  | 5,06  | 1,41 | 101,12 | E  | 20,64 | 54,12 | 4,4  |
| 26/05/2024 00:00:00 | 7,88  | 7,01  | 9,75  | 5,70  | 1,55 | 123,49 | SE | 17,62 | 64,80 | 1    |
| 27/05/2024 00:00:00 | 8,85  | 6,89  | 9,07  | 6,07  | 2,66 | 116,03 | SE | 18,55 | 39,09 | 0    |
| 28/05/2024 00:00:00 | 6,48  | 6,99  | 9,36  | 5,11  | 2,49 | 141,20 | SE | 19,97 | 30,23 | 0    |
| 29/05/2024 00:00:00 | 4,61  | 6,73  | 9,30  | 6,21  | 2,31 | 161,48 | S  | 19,85 | 41,15 | 0    |
| 30/05/2024 00:00:00 | 4,48  | 6,55  | 9,03  | 7,38  | 2,52 | 156,12 | SE | 19,91 | 50,24 | 0    |
| 31/05/2024 00:00:00 | 5,30  | 7,04  | 9,50  | 7,96  | 3,00 | 189,81 | S  | 21,53 | 47,85 | 0    |
| 01/06/2024 00:00:00 | 7,04  | 8,55  | 11,01 | 11,75 | 2,12 | 169,92 | S  | 23,05 | 44,25 | 0    |
| 02/06/2024 00:00:00 | 7,67  | 8,22  | 10,68 | 14,71 | 2,02 | 166,17 | S  | 25,84 | 37,85 | 0    |
| 03/06/2024 00:00:00 | 9,91  | 10,49 | 13,10 | 15,39 | 1,97 | 161,01 | S  | 27,21 | 33,47 | 0    |
| 04/06/2024 00:00:00 | 16,02 | 7,78  | 10,09 | 11,48 | 2,69 | 177,89 | S  | 27,13 | 32,47 | 0    |
| 05/06/2024 00:00:00 | 12,04 | 5,68  | 8,09  | 7,69  | 1,85 | 165,41 | S  | 27,76 | 29,85 | 0,2  |
| 06/06/2024 00:00:00 | 11,45 | 5,53  | 7,95  | 7,20  | 1,00 | 147,00 | SE | 25,82 | 41,56 | 0,6  |
| 07/06/2024 00:00:00 | 9,39  | 6,27  | 8,35  | 8,46  | 2,50 | 192,20 | S  | 26,72 | 41,70 | 0    |
| 08/06/2024 00:00:00 | 8,05  | 4,73  | 7,00  | 8,78  | 1,24 | 123,39 | SE | 27,57 | 37,69 | 0    |
| 09/06/2024 00:00:00 | 9,14  | 6,14  | 8,55  | 10,66 | 1,97 | 142,63 | SE | 27,67 | 40,31 | 0    |
| 10/06/2024 00:00:00 | 13,54 | 8,30  | 10,89 | 14,88 | 2,07 | 150,74 | SE | 28,36 | 43,06 | 0    |
| 11/06/2024 00:00:00 | 9,89  | 6,50  | 8,84  | 11,22 | 2,18 | 178,26 | S  | 29,79 | 20,92 | 0    |
| 12/06/2024 00:00:00 | 17,82 | 8,64  | 11,00 | 13,82 | 2,58 | 188,11 | S  | 31,58 | 17,92 | 0    |
| 13/06/2024 00:00:00 | 42,62 | 8,84  | 11,51 | 17,99 | 1,73 | 163,75 | S  | 31,48 | 22,84 | 0    |
| 14/06/2024 00:00:00 | 43,41 | 9,11  | 11,38 | 50,07 | 3,77 | 219,00 | SW | 28,03 | 34,44 | 0    |
| 15/06/2024 00:00:00 | 17,19 | 6,72  | 8,83  | 64,20 | 2,72 | 191,82 | S  | 25,64 | 39,25 | 0    |
| 16/06/2024 00:00:00 | 17,37 | 7,62  | 9,87  | 64,20 | 2,22 | 181,50 | S  | 25,24 | 45,53 | 0    |
| 17/06/2024 00:00:00 | 20,76 | 10,32 | 12,73 | 29,35 | 2,07 | 172,15 | S  | 26,58 | 42,30 | 0    |
| 18/06/2024 00:00:00 | 16,23 | 5,25  | 7,38  | 6,41  | 1,52 | 97,99  | E  | 28,41 | 39,44 | 0    |
| 19/06/2024 00:00:00 | 16,25 | 5,11  | 7,09  | 4,66  | 2,13 | 113,41 | SE | 28,59 | 35,09 | 0    |
| 20/06/2024 00:00:00 | 15,39 | 5,10  | 7,11  | 4,30  | 2,35 | 105,83 | E  | 29,12 | 33,23 | 0    |
| 21/06/2024 00:00:00 | 23,34 | 5,71  | 7,49  | 4,94  | 3,43 | 73,44  | E  | 28,86 | 35,67 | 0    |
| 22/06/2024 00:00:00 | 29,47 | 5,05  | 6,85  | 5,07  | 2,31 | 100,76 | E  | 28,52 | 41,84 | 0    |
| 23/06/2024 00:00:00 | 20,58 | 4,87  | 6,75  | 6,07  | 1,79 | 137,22 | SE | 29,62 | 30,55 | 0    |
| 24/06/2024 00:00:00 | 21,17 | 5,37  | 7,39  | 7,03  | 1,98 | 129,32 | SE | 29,66 | 29,08 | 0    |
| 25/06/2024 00:00:00 | 18,17 | 5,13  | 7,10  | 6,17  | 2,06 | 115,29 | SE | 28,45 | 34,38 | 0    |
| 26/06/2024 00:00:00 | 23,07 | 5,30  | 7,16  | 6,00  | 2,37 | 143,81 | SE | 27,29 | 47,40 | 0    |
| 27/06/2024 00:00:00 | 23,90 | 6,20  | 8,21  | 7,08  | 3,02 | 200,03 | S  | 27,64 | 41,14 | 0    |
| 28/06/2024 00:00:00 | 19,27 | 5,49  | 7,42  | 6,57  | 1,65 | 139,18 | SE | 25,68 | 49,65 | 0    |
| 29/06/2024 00:00:00 | 19,20 | 5,90  | 7,69  | 6,69  | 3,17 | 119,76 | SE | 26,29 | 43,14 | 0    |
| 30/06/2024 00:00:00 | 13,91 | 4,86  | 6,60  | 6,89  | 2,31 | 149,32 | SE | 26,50 | 34,15 | 0    |
| 01/07/2024 00:00:00 | 16,81 | 7,22  | 9,27  | 14,49 | 2,27 | 187,71 | S  | 28,48 | 32,72 | 0    |
| 02/07/2024 00:00:00 | 38,18 | 7,84  | 10,03 | 13,17 | 2,59 | 196,34 | S  | 28,46 | 40,35 | 0    |
| 03/07/2024 00:00:00 | 28,45 | 7,22  | 9,31  | 9,81  | 2,96 | 178,82 | S  | 26,27 | 46,45 | 0    |
| 04/07/2024 00:00:00 | 9,68  | 6,79  | 8,78  | 7,55  | 1,53 | 173,38 | S  | 22,58 | 63,80 | 0    |
| 05/07/2024 00:00:00 | 10,33 | 6,00  | 7,86  | 7,91  | 1,57 | 135,32 | SE | 24,66 | 50,31 | 0    |
| 06/07/2024 00:00:00 | 11,05 | 5,12  | 6,99  | 8,33  | 1,85 | 114,59 | SE | 25,98 | 39,08 | 0    |
| 07/07/2024 00:00:00 | 11,84 | 6,10  | 7,83  | 8,26  | 2,66 | 119,06 | SE | 27,18 | 38,12 | 0    |
| 08/07/2024 00:00:00 | 12,32 | 4,82  | 6,53  | 8,48  | 2,06 | 88,72  | E  | 29,27 | 35,16 | 0    |
| 09/07/2024 00:00:00 | 19,86 | 5,16  | 6,88  | 8,50  | 2,47 | 80,49  | E  | 29,95 | 34,31 | 0    |

|                     |       |      |       |       |      |        |    |       |       |      |
|---------------------|-------|------|-------|-------|------|--------|----|-------|-------|------|
| 10/07/2024 00:00:00 | 25,51 | 4,95 | 6,87  | 5,22  | 2,69 | 89,99  | E  | 30,13 | 37,37 | 0    |
| 11/07/2024 00:00:00 | 20,49 | 4,57 | 6,82  | 16,07 | 1,64 | 115,07 | SE | 30,83 | 30,81 | 0    |
| 12/07/2024 00:00:00 | 22,64 | 4,42 | 6,75  | 19,44 | 1,34 | 93,21  | E  | 30,79 | 29,83 | 0    |
| 13/07/2024 00:00:00 | 20,54 | 4,59 | 6,97  | 17,98 | 1,62 | 158,95 | S  | 31,10 | 29,79 | 0    |
| 14/07/2024 00:00:00 | 19,72 | 4,61 | 6,91  | 19,12 | 1,86 | 131,87 | SE | 31,04 | 33,02 | 0    |
| 15/07/2024 00:00:00 | 16,17 | 4,62 | 6,88  | 19,75 | 1,77 | 106,30 | E  | 30,75 | 26,30 | 0    |
| 16/07/2024 00:00:00 | 15,83 | 4,51 | 6,71  | 19,37 | 1,87 | 145,72 | SE | 30,60 | 25,85 | 0    |
| 17/07/2024 00:00:00 | 18,51 | 4,35 | 6,63  | 13,86 | 1,91 | 145,76 | SE | 31,24 | 30,41 | 0    |
| 18/07/2024 00:00:00 | 17,46 | 4,33 | 6,77  | 11,98 | 1,77 | 135,75 | SE | 32,25 | 28,84 | 0    |
| 19/07/2024 00:00:00 | 20,44 | 4,65 | 7,05  | 11,41 | 2,46 | 117,67 | SE | 31,29 | 32,78 | 0    |
| 20/07/2024 00:00:00 | 15,92 | 4,94 | 7,27  | 12,61 | 2,08 | 97,87  | E  | 29,84 | 44,03 | 0    |
| 21/07/2024 00:00:00 | 15,73 | 5,97 | 8,43  | 12,51 | 2,67 | 168,31 | S  | 30,15 | 38,79 | 0    |
| 22/07/2024 00:00:00 | 24,95 | 5,65 | 8,17  | 12,11 | 2,52 | 175,67 | S  | 30,53 | 39,32 | 9,6  |
| 23/07/2024 00:00:00 | 17,63 | 6,78 | 9,26  | 11,04 | 1,75 | 170,57 | S  | 28,94 | 50,14 | 0,2  |
| 24/07/2024 00:00:00 | 14,69 | 6,56 | 9,26  | 10,65 | 1,79 | 136,83 | SE | 28,29 | 49,66 | 0    |
| 25/07/2024 00:00:00 | 23,94 | 6,55 | 9,09  | 11,35 | 1,49 | 125,59 | SE | 26,74 | 54,70 | 0,8  |
| 26/07/2024 00:00:00 | 13,05 | 6,58 | 9,13  | 11,95 | 1,74 | 168,42 | S  | 27,16 | 49,34 | 0    |
| 27/07/2024 00:00:00 | 9,61  | 5,24 | 7,64  | 10,75 | 1,44 | 116,54 | SE | 27,77 | 38,10 | 0    |
| 28/07/2024 00:00:00 | 9,68  | 5,27 | 7,61  | 11,66 | 2,19 | 112,65 | SE | 27,62 | 41,01 | 0    |
| 29/07/2024 00:00:00 | 16,83 | 5,22 | 7,54  | 11,69 | 2,55 | 114,02 | SE | 29,21 | 35,37 | 0    |
| 30/07/2024 00:00:00 | 19,95 | 5,19 | 7,48  | 13,16 | 1,97 | 113,94 | SE | 29,43 | 34,48 | 0    |
| 31/07/2024 00:00:00 | 13,78 | 7,56 | 11,23 | 53,61 | 2,06 | 127,75 | SE | 26,57 | 41,41 | 0    |
| 01/08/2024 00:00:00 | 11,62 | 6,89 | 10,34 | 33,00 | 1,93 | 135,27 | SE | 26,90 | 35,60 | 0    |
| 02/08/2024 00:00:00 | 13,05 | 7,54 | 10,33 | 23,38 | 1,80 | 170,11 | S  | 28,75 | 28,09 | 0    |
| 03/08/2024 00:00:00 | 22,34 | 8,08 | 10,94 | 20,66 | 2,41 | 187,07 | S  | 29,62 | 38,42 | 0    |
| 04/08/2024 00:00:00 | 21,22 | 6,87 | 9,50  | 18,12 | 2,24 | 173,15 | S  | 29,91 | 39,74 | 0    |
| 05/08/2024 00:00:00 | 18,04 | 6,75 | 9,27  | 17,21 | 1,53 | 122,16 | SE | 28,21 | 49,42 | 0    |
| 06/08/2024 00:00:00 | 18,03 | 3,00 | 4,86  | 17,54 | 2,21 | 167,73 | S  | 28,13 | 49,87 | 0    |
| 07/08/2024 00:00:00 | 14,74 | 3,28 | 6,98  | 17,87 | 1,68 | 153,27 | SE | 28,62 | 46,10 | 0    |
| 08/08/2024 00:00:00 | 12,86 | 6,51 | 12,58 | 85,92 | 1,14 | 104,02 | E  | 28,59 | 42,63 | 0    |
| 09/08/2024 00:00:00 | 12,32 | 7,13 | 11,35 | 60,60 | 1,82 | 171,67 | S  | 29,29 | 39,24 | 0    |
| 10/08/2024 00:00:00 | 12,67 | 5,64 | 9,33  | 41,32 | 1,67 | 120,52 | SE | 29,05 | 41,93 | 0    |
| 11/08/2024 00:00:00 | 10,51 | 5,07 | 8,31  | 29,64 | 2,25 | 88,52  | E  | 28,20 | 39,30 | 0    |
| 12/08/2024 00:00:00 | 9,26  | 5,17 | 8,27  | 12,87 | 2,86 | 103,38 | E  | 28,60 | 36,30 | 0    |
| 13/08/2024 00:00:00 | 8,52  | 4,98 | 8,14  | 7,63  | 2,42 | 123,55 | SE | 29,80 | 33,19 | 0    |
| 14/08/2024 00:00:00 | 8,49  | 4,86 | 8,04  | 8,36  | 2,16 | 169,80 | S  | 29,82 | 31,50 | 0    |
| 15/08/2024 00:00:00 | 14,63 | 5,71 | 8,86  | 5,19  | 2,98 | 149,40 | SE | 30,04 | 35,46 | 0    |
| 16/08/2024 00:00:00 | 12,11 | 4,65 | 7,81  | 7,19  | 1,40 | 148,94 | SE | 31,37 | 32,85 | 0    |
| 17/08/2024 00:00:00 | 14,16 | 4,93 | 8,10  | 7,11  | 1,73 | 110,84 | E  | 30,11 | 41,02 | 0    |
| 18/08/2024 00:00:00 | 16,60 | 6,83 | 10,18 | 6,15  | 2,36 | 184,54 | S  | 28,59 | 47,61 | 0    |
| 19/08/2024 00:00:00 | 17,65 | 7,71 | 11,04 | 7,00  | 2,22 | 184,91 | S  | 26,96 | 57,24 | 0    |
| 20/08/2024 00:00:00 | 20,19 | 9,22 | 12,74 | 7,03  | 2,25 | 162,42 | S  | 26,24 | 63,22 | 0    |
| 21/08/2024 00:00:00 | 14,07 | 6,52 | 9,88  | 8,37  | 1,17 | 149,03 | SE | 26,06 | 57,39 | 0    |
| 22/08/2024 00:00:00 | 13,21 | 5,66 | 8,89  | 7,37  | 1,53 | 107,56 | E  | 27,84 | 44,37 | 0    |
| 23/08/2024 00:00:00 | 17,47 | 5,11 | 8,27  | 7,02  | 1,55 | 115,57 | SE | 29,58 | 34,61 | 0    |
| 24/08/2024 00:00:00 | 16,93 | 4,80 | 7,94  | 6,59  | 1,31 | 151,46 | SE | 29,83 | 32,76 | 0    |
| 25/08/2024 00:00:00 | 15,76 | 5,04 | 8,22  | 6,97  | 2,01 | 132,92 | SE | 28,14 | 41,19 | 0    |
| 26/08/2024 00:00:00 | 15,46 | 4,90 | 8,07  | 6,84  | 1,94 | 136,36 | SE | 27,81 | 37,30 | 0    |
| 27/08/2024 00:00:00 | 15,55 | 4,95 | 8,09  | 7,11  | 2,11 | 78,38  | E  | 26,80 | 40,88 | 0    |
| 28/08/2024 00:00:00 | 19,65 | 6,48 | 9,66  | 8,38  | 1,99 | 171,71 | S  | 26,98 | 37,82 | 0    |
| 29/08/2024 00:00:00 | 20,49 | 6,67 | 9,87  | 9,40  | 1,45 | 177,02 | S  | 25,66 | 50,23 | 0    |
| 30/08/2024 00:00:00 | 15,89 | 8,61 | 12,37 | 9,01  | 1,61 | 166,39 | S  | 23,99 | 64,56 | 29,2 |
| 31/08/2024 00:00:00 | 10,76 | 9,90 | 13,44 | 9,39  | 1,24 | 142,02 | SE | 23,32 | 64,96 | 0,2  |
| 01/09/2024 00:00:00 | 20,68 | 8,08 | 9,21  | 9,44  | 1,30 | 122,74 | SE | 23,67 | 57,13 | 0    |
| 02/09/2024 00:00:00 | 23,61 | 8,67 | 9,70  | 9,80  | 1,89 | 157,97 | S  | 25,27 | 50,70 | 0    |
| 03/09/2024 00:00:00 | 21,11 | 7,58 | 8,99  | 9,64  | 1,98 | 150,02 | SE | 26,25 | 52,59 | 0    |
| 04/09/2024 00:00:00 | 19,78 | 5,29 | 7,16  | 10,34 | 1,20 | 129,89 | SE | 25,53 | 56,05 | 4,4  |
| 05/09/2024 00:00:00 | 23,44 | 6,21 | 8,24  | 9,52  | 2,20 | 148,54 | SE | 26,23 | 46,68 | 0    |
| 06/09/2024 00:00:00 | 20,51 | 6,50 | 8,46  | 11,46 | 2,08 | 162,07 | S  | 26,89 | 46,74 | 0    |
| 07/09/2024 00:00:00 | 27,70 | 4,70 | 6,48  | 10,91 | 1,33 | 151,03 | SE | 26,54 | 56,16 | 2,8  |
| 08/09/2024 00:00:00 | 16,69 | 4,29 | 6,25  | 10,26 | 1,42 | 134,63 | SE | 24,12 | 63,94 | 0    |
| 09/09/2024 00:00:00 | 18,25 | 5,27 | 7,34  | 10,09 | 2,43 | 189,73 | S  | 24,03 | 56,06 | 0,8  |
| 10/09/2024 00:00:00 | 15,08 | 5,55 | 7,81  | 10,98 | 2,06 | 186,42 | S  | 21,61 | 83,18 | 6,8  |
| 11/09/2024 00:00:00 | 7,32  | 5,73 | 7,89  | 11,15 | 3,06 | 162,91 | S  | 22,86 | 66,01 | 0    |
| 12/09/2024 00:00:00 | 6,27  | 4,99 | 7,09  | 12,05 | 2,38 | 180,53 | S  | 23,62 | 57,05 | 0    |

|                     |       |      |       |       |      |        |    |       |       |      |
|---------------------|-------|------|-------|-------|------|--------|----|-------|-------|------|
| 13/09/2024 00:00:00 | 9,45  | 5,68 | 7,56  | 12,14 | 4,19 | 218,46 | SW | 23,99 | 57,46 | 0    |
| 14/09/2024 00:00:00 | 5,42  | 6,10 | 8,02  | 14,55 | 6,57 | 242,28 | SW | 22,08 | 51,33 | 0    |
| 15/09/2024 00:00:00 | 2,88  | 5,42 | 7,36  | 15,69 | 3,53 | 161,90 | S  | 18,55 | 52,86 | 0    |
| 16/09/2024 00:00:00 | 2,45  | 5,42 | 7,48  | 15,48 | 2,38 | 165,44 | S  | 19,25 | 54,52 | 0    |
| 17/09/2024 00:00:00 | 2,44  | 4,92 | 6,89  | 14,86 | 2,19 | 165,70 | S  | 21,20 | 55,90 | 0    |
| 18/09/2024 00:00:00 | 5,24  | 4,35 | 6,42  | 14,41 | 1,29 | 139,01 | SE | 20,50 | 73,35 | 0,6  |
| 19/09/2024 00:00:00 | 10,89 | 4,52 | 6,68  | 14,80 | 1,18 | 116,84 | SE | 19,90 | 74,71 | 6    |
| 20/09/2024 00:00:00 | 15,14 | 4,94 | 7,35  | 15,43 | 0,98 | 107,18 | E  | 19,41 | 74,74 | 0    |
| 21/09/2024 00:00:00 | 11,75 | 5,65 | 7,78  | 16,06 | 1,66 | 176,67 | S  | 18,42 | 73,54 | 5,2  |
| 22/09/2024 00:00:00 | 16,18 | 6,21 | 8,20  | 17,30 | 1,87 | 164,81 | S  | 20,13 | 43,55 | 0    |
| 23/09/2024 00:00:00 | 18,60 | 6,28 | 8,29  | 15,67 | 2,18 | 161,90 | S  | 20,38 | 40,38 | 0    |
| 24/09/2024 00:00:00 | 20,74 | 6,08 | 8,17  | 15,26 | 1,76 | 173,41 | S  | 20,91 | 48,61 | 0    |
| 25/09/2024 00:00:00 | 14,35 | 4,76 | 6,72  | 15,36 | 1,95 | 174,38 | S  | 22,31 | 54,20 | 0    |
| 26/09/2024 00:00:00 | 14,92 | 4,71 | 6,70  | 13,43 | 2,05 | 162,47 | S  | 23,08 | 52,61 | 0    |
| 27/09/2024 00:00:00 | 12,91 | 5,26 | 7,05  | 11,73 | 1,97 | 186,22 | S  | 23,52 | 46,96 | 0    |
| 28/09/2024 00:00:00 | 13,98 | 6,64 | 8,25  | 13,42 | 1,82 | 169,30 | S  | 23,97 | 46,66 | 0    |
| 29/09/2024 00:00:00 | 12,36 | 6,80 | 8,34  | 12,42 | 3,59 | 169,64 | S  | 23,11 | 53,49 | 0    |
| 30/09/2024 00:00:00 | 4,48  | 7,67 | 9,47  | 13,29 | 1,89 | 174,14 | S  | 19,47 | 40,64 | 0    |
| 01/10/2024 00:00:00 | 10,02 | 8,82 | 10,76 | 14,69 | 1,98 | 164,25 | S  | 18,30 | 51,52 | 0    |
| 02/10/2024 00:00:00 | 11,79 | 8,49 | 10,29 | 14,87 | 1,96 | 151,75 | SE | 18,97 | 52,16 | 0    |
| 03/10/2024 00:00:00 | 7,71  | 7,64 | 9,34  | 16,18 | 1,85 | 156,51 | SE | 21,18 | 50,92 | 0    |
| 04/10/2024 00:00:00 | 13,43 | 7,68 | 9,51  | 15,78 | 2,03 | 182,41 | S  | 22,61 | 64,07 | 0    |
| 05/10/2024 00:00:00 | 20,51 | 8,92 | 11,05 | 16,24 | 1,31 | 170,54 | S  | 19,82 | 90,97 | 2,4  |
| 06/10/2024 00:00:00 | 10,75 | 8,35 | 10,42 | 16,20 | 2,80 | 200,31 | S  | 20,16 | 65,79 | 0    |
| 07/10/2024 00:00:00 | 8,46  | 8,53 | 10,47 | 17,06 | 1,87 | 175,35 | S  | 18,97 | 49,38 | 0    |
| 08/10/2024 00:00:00 | 6,11  | 8,23 | 10,02 | 17,43 | 2,11 | 158,54 | S  | 20,11 | 43,02 | 0    |
| 09/10/2024 00:00:00 | 4,73  | 6,98 | 8,58  | 16,56 | 1,90 | 167,07 | S  | 21,73 | 45,45 | 0    |
| 10/10/2024 00:00:00 | 15,32 | 6,53 | 8,13  | 15,19 | 2,00 | 158,95 | S  | 22,20 | 64,68 | 0    |
| 11/10/2024 00:00:00 | 59,00 | 7,88 | 9,47  | 14,73 | 2,57 | 175,66 | S  | 25,10 | 44,50 | 0    |
| 12/10/2024 00:00:00 | 38,87 | 6,78 | 8,40  | 13,76 | 2,27 | 165,55 | S  | 23,35 | 53,91 | 0    |
| 13/10/2024 00:00:00 | 17,11 | 7,45 | 9,35  | 14,37 | 2,06 | 183,05 | S  | 20,79 | 60,94 | 0    |
| 14/10/2024 00:00:00 | 13,25 | 6,96 | 8,81  | 14,25 | 1,31 | 108,40 | E  | 19,39 | 65,94 | 0    |
| 15/10/2024 00:00:00 | 10,94 | 6,68 | 8,24  | 14,54 | 1,42 | 118,74 | SE | 20,96 | 48,58 | 0    |
| 16/10/2024 00:00:00 | 12,18 | 8,04 | 9,53  | 14,97 | 2,38 | 138,13 | SE | 20,87 | 51,61 | 0    |
| 17/10/2024 00:00:00 | 14,32 | 8,42 | 9,98  | 16,12 | 2,17 | 120,93 | SE | 15,94 | 71,84 | 0    |
| 18/10/2024 00:00:00 | 10,33 | 8,96 | 10,35 | 15,62 | 2,88 | 103,20 | E  | 14,32 | 64,02 | 0    |
| 19/10/2024 00:00:00 | 7,05  | 9,15 | 10,52 | 13,83 | 2,50 | 74,96  | E  | 13,55 | 65,51 | 0    |
| 20/10/2024 00:00:00 | 7,02  | 8,82 | 10,14 | 13,91 | 2,97 | 98,22  | E  | 14,23 | 65,00 | 0    |
| 21/10/2024 00:00:00 | 8,89  | 8,64 | 9,97  | 10,79 | 2,77 | 116,10 | SE | 15,26 | 60,68 | 0    |
| 22/10/2024 00:00:00 | 8,00  | 8,59 | 9,93  | 6,41  | 2,82 | 129,41 | SE | 15,93 | 51,74 | 0    |
| 23/10/2024 00:00:00 | 9,07  | 8,23 | 9,87  | 5,12  | 2,41 | 136,48 | SE | 17,28 | 46,54 | 0    |
| 24/10/2024 00:00:00 | 9,54  | 8,91 | 10,78 | 5,62  | 3,71 | 184,55 | S  | 17,20 | 40,76 | 0    |
| 25/10/2024 00:00:00 | 18,73 | 8,54 | 10,44 | 6,71  | 2,92 | 161,26 | S  | 16,11 | 61,84 | 0    |
| 26/10/2024 00:00:00 | 9,75  | 8,36 | 10,26 | 6,59  | 2,63 | 143,60 | SE | 16,54 | 51,41 | 0    |
| 27/10/2024 00:00:00 | 6,84  | 8,25 | 10,19 | 6,04  | 1,67 | 153,94 | SE | 17,25 | 37,71 | 0    |
| 28/10/2024 00:00:00 | 7,19  | 7,99 | 9,99  | 6,30  | 1,11 | 136,16 | SE | 18,08 | 34,13 | 0    |
| 29/10/2024 00:00:00 | 12,39 | 6,70 | 8,65  | 5,33  | 1,44 | 122,73 | SE | 20,47 | 31,60 | 0    |
| 30/10/2024 00:00:00 | 24,52 | 8,08 | 10,08 | 6,96  | 2,08 | 108,12 | E  | 17,81 | 60,59 | 0    |
| 31/10/2024 00:00:00 | 19,88 | 8,66 | 10,64 | 8,51  | 2,51 | 162,67 | S  | 15,79 | 63,58 | 0,4  |
| 01/11/2024 00:00:00 | 13,52 | 8,59 | 10,53 | 7,93  | 2,11 | 154,39 | SE | 16,59 | 51,93 | 0    |
| 02/11/2024 00:00:00 | 16,10 | 9,76 | 11,96 | 9,30  | 1,83 | 186,68 | S  | 16,51 | 51,80 | 0    |
| 03/11/2024 00:00:00 | 17,44 | 8,69 | 10,66 | 10,13 | 2,09 | 112,28 | E  | 15,21 | 64,90 | 1,2  |
| 04/11/2024 00:00:00 | 12,21 | 9,25 | 11,35 | 9,87  | 1,44 | 138,70 | SE | 13,34 | 75,49 | 0,2  |
| 05/11/2024 00:00:00 | 13,60 | 9,13 | 11,03 | 9,91  | 3,08 | 139,02 | SE | 12,98 | 68,73 | 0    |
| 06/11/2024 00:00:00 | 9,53  | 8,56 | 10,41 | 8,84  | 3,29 | 122,80 | SE | 12,10 | 64,05 | 0    |
| 07/11/2024 00:00:00 | 6,16  | 8,54 | 10,42 | 8,92  | 3,60 | 190,20 | S  | 11,91 | 60,07 | 0    |
| 08/11/2024 00:00:00 | 6,54  | 8,57 | 10,42 | 9,35  | 3,40 | 192,93 | S  | 13,00 | 55,89 | 0    |
| 09/11/2024 00:00:00 | 4,06  | 8,13 | 9,97  | 9,05  | 3,77 | 170,53 | S  | 13,60 | 50,97 | 0    |
| 10/11/2024 00:00:00 | 10,48 | 8,72 | 10,62 | 9,60  | 2,33 | 165,73 | S  | 11,48 | 66,98 | 0    |
| 11/11/2024 00:00:00 | 6,51  | 8,87 | 10,91 | 10,27 | 0,79 | 182,97 | S  | 10,30 | 77,05 | 2,2  |
| 12/11/2024 00:00:00 | 3,95  | 8,84 | 11,11 | 12,10 | 0,46 | 200,51 | S  | 10,31 | 88,62 | 17,2 |
| 13/11/2024 00:00:00 | 2,83  | 8,49 | 11,27 | 15,72 | 0,39 | 214,27 | SW | 11,60 | 97,15 | 10,2 |
| 14/11/2024 00:00:00 | 8,62  | 8,43 | 11,20 | 16,50 | 0,80 | 153,54 | SE | 13,60 | 95,96 | 0,8  |
| 15/11/2024 00:00:00 | 8,07  | 8,38 | 10,87 | 16,84 | 0,40 | 102,83 | E  | 13,49 | 91,18 | 0    |
| 16/11/2024 00:00:00 | 1,91  | 7,42 | 9,78  | 16,56 | 2,88 | 189,04 | S  | 9,25  | 86,17 | 0    |

|                     |       |      |       |       |      |        |    |       |       |   |
|---------------------|-------|------|-------|-------|------|--------|----|-------|-------|---|
| 17/11/2024 00:00:00 | 3,97  | 7,89 | 10,21 | 14,69 | 1,59 | 148,84 | SE | 10,30 | 70,35 | 0 |
| 18/11/2024 00:00:00 | 4,76  | 8,12 | 10,76 | 14,98 | 1,42 | 123,23 | SE | 12,64 | 61,75 | 0 |
| 19/11/2024 00:00:00 | 6,12  | 8,43 | 11,25 | 15,55 | 1,39 | 145,88 | SE | 12,65 | 63,61 | 0 |
| 20/11/2024 00:00:00 | 8,89  | 8,48 | 11,01 | 17,38 | 3,66 | 228,72 | SW | 14,92 | 78,94 | 0 |
| 21/11/2024 00:00:00 | 6,84  | 7,48 | 9,84  | 19,74 | 6,09 | 209,46 | SW | 15,88 | 63,81 | 0 |
| 22/11/2024 00:00:00 | 4,67  | 7,96 | 10,34 | 18,67 | 4,01 | 192,29 | S  | 14,62 | 65,07 | 0 |
| 23/11/2024 00:00:00 | 3,41  | 7,28 | 9,52  | 20,81 | 4,89 | 220,65 | SW | 12,31 | 48,98 | 0 |
| 24/11/2024 00:00:00 | 1,96  | 7,63 | 9,94  | 14,80 | 1,81 | 108,08 | E  | 6,53  | 33,65 | 0 |
| 25/11/2024 00:00:00 | 3,41  | 8,38 | 10,80 | 14,06 | 1,25 | 145,44 | SE | 8,52  | 39,50 | 0 |
| 26/11/2024 00:00:00 | 4,64  | 8,14 | 10,62 | 15,70 | 1,01 | 146,89 | SE | 9,90  | 57,65 | 0 |
| 27/11/2024 00:00:00 | 13,43 | 9,36 | 12,32 | 11,53 | 1,18 | 176,27 | S  | 11,52 | 63,00 | 0 |
| 28/11/2024 00:00:00 | 16,75 | 8,88 | 12,03 | 5,98  | 0,96 | 147,77 | SE | 12,05 | 69,05 | 0 |
| 29/11/2024 00:00:00 | 17,02 | 8,75 | 11,87 | 6,45  | 1,38 | 147,32 | SE | 13,00 | 82,77 | 0 |
| 30/11/2024 00:00:00 | 12,70 | 7,42 | 10,66 | 7,43  | 1,22 | 185,11 | S  | 13,06 | 87,16 | 0 |
| 01/12/2024 00:00:00 | 2,11  | 7,39 | 10,43 | 7,76  | 1,65 | 151,52 | SE | 10,45 | 84,19 | 0 |
| 02/12/2024 00:00:00 | 1,66  | 7,22 | 10,27 | 7,63  | 1,20 | 183,36 | S  | 9,22  | 86,39 | 0 |
| 03/12/2024 00:00:00 | 1,51  | 7,17 | 10,19 | 6,87  | 1,52 | 150,91 | SE | 9,73  | 80,95 | 0 |
| 04/12/2024 00:00:00 | 6,04  | 7,78 | 11,05 | 6,77  | 0,47 | 108,12 | E  | 10,25 | 84,80 | 0 |
| 05/12/2024 00:00:00 | 9,09  | 7,62 | 10,90 | 7,26  | 0,92 | 132,24 | SE | 11,16 | 82,40 | 0 |
| 06/12/2024 00:00:00 | 8,17  | 7,65 | 11,08 | 7,41  | 0,63 | 154,40 | SE | 12,08 | 84,16 | 0 |
| 07/12/2024 00:00:00 | 7,11  | 7,87 | 10,99 | 8,26  | 1,79 | 182,04 | S  | 11,11 | 92,61 | 0 |
| 08/12/2024 00:00:00 | 5,64  | 8,02 | 11,04 | 8,68  | 2,45 | 205,58 | SW | 11,59 | 79,20 | 0 |
| 09/12/2024 00:00:00 | 10,26 | 7,97 | 11,02 | 9,80  | 3,66 | 228,67 | SW | 13,86 | 68,57 | 0 |
| 10/12/2024 00:00:00 | 20,57 | 8,10 | 10,76 | 9,94  | 2,29 | 218,83 | SW | 12,42 | 71,63 | 0 |
| 11/12/2024 00:00:00 | 5,31  | 8,11 | 9,34  | 9,75  | 1,62 | 133,17 | SE | 11,60 | 69,51 | 0 |
| 12/12/2024 00:00:00 | 8,29  | 8,87 | 10,17 | 8,98  | 1,41 | 163,71 | S  | 10,55 | 70,39 | 0 |
| 13/12/2024 00:00:00 | 8,29  | 8,14 | 9,30  | 9,02  | 0,74 | 174,88 | S  | 9,50  | 77,17 | 0 |
| 14/12/2024 00:00:00 | 14,38 | 8,69 | 9,66  | 8,91  | 2,07 | 177,82 | S  | 9,65  | 79,50 | 0 |
| 15/12/2024 00:00:00 | 9,03  | 7,88 | 9,03  | 10,66 | 1,64 | 188,83 | S  | 11,25 | 89,66 | 0 |
| 16/12/2024 00:00:00 | 7,40  | 7,61 | 8,46  | 9,51  | 2,32 | 146,51 | SE | 8,15  | 65,59 | 0 |
| 17/12/2024 00:00:00 | 8,74  | 8,62 | 9,70  | 8,07  | 1,12 | 148,57 | SE | 9,14  | 58,21 | 0 |
| 18/12/2024 00:00:00 | 8,59  | 8,57 | 10,06 | 9,17  | 1,02 | 176,98 | S  | 11,84 | 60,51 | 0 |
| 19/12/2024 00:00:00 | 6,94  | 8,59 | 10,21 | 9,81  | 1,26 | 133,53 | SE | 11,17 | 67,38 | 0 |
| 20/12/2024 00:00:00 | 9,09  | 9,17 | 10,71 | 10,07 | 2,98 | 191,90 | S  | 12,66 | 70,90 | 0 |
| 21/12/2024 00:00:00 | 4,06  | 8,69 | 10,14 | 11,48 | 3,24 | 207,41 | SW | 9,42  | 74,99 | 0 |
| 22/12/2024 00:00:00 | 3,50  | 8,61 | 10,02 | 10,22 | 3,06 | 172,51 | S  | 7,96  | 69,17 | 0 |
| 23/12/2024 00:00:00 | 4,09  | 8,74 | 10,11 | 10,38 | 3,31 | 215,61 | SW | 8,89  | 72,92 | 0 |
| 24/12/2024 00:00:00 | 3,13  | 8,54 | 10,07 | 12,11 | 1,49 | 216,31 | SW | 8,18  | 74,20 | 0 |
| 25/12/2024 00:00:00 | 1,42  | 8,04 | 9,52  | 11,52 | 2,15 | 179,69 | S  | 6,37  | 83,15 | 0 |
| 26/12/2024 00:00:00 | 0,46  | 7,19 | 8,74  | 10,43 | 4,53 | 71,09  | E  | 5,97  | 85,22 | 0 |
| 27/12/2024 00:00:00 | 2,83  | 7,10 | 8,78  | 10,70 | 2,88 | 146,44 | SE | 5,66  | 86,05 | 0 |
| 28/12/2024 00:00:00 | 3,64  | 7,50 | 9,16  | 10,97 | 2,08 | 141,14 | SE | 4,66  | 72,51 | 0 |
| 29/12/2024 00:00:00 | 8,65  | 7,93 | 9,59  | 10,22 | 1,38 | 133,20 | SE | 5,74  | 61,31 | 0 |
| 30/12/2024 00:00:00 | 5,84  | 8,16 | 9,80  | 9,78  | 1,27 | 160,82 | S  | 7,75  | 53,87 | 0 |
| 31/12/2024 00:00:00 | 3,68  | 8,43 | 10,21 | 10,25 | 0,97 | 138,83 | SE | 10,03 | 51,25 | 0 |