

# DAVAO CITY, DAVAO DEL SUR

LAT 07° 07'N LONG 125° 40'E

## JANUARY

| DD/HH   | 0     | 1     | 2     | 3     | 4     | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12    | 13    | 14    | 15    | 16   | 17   | 18   | 19   | 20   | 21   | 22    | 23    |
|---------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|------|------|-------|-------|
| 1 Su    | 1.03  | 1.03  | 0.94  | 0.78  | 0.60  | 0.42 | 0.31 | 0.28 | 0.35 | 0.50 | 0.70 | 0.92 | 1.09  | 1.19  | 1.19  | 1.10  | 0.93 | 0.73 | 0.54 | 0.41 | 0.36 | 0.40 | 0.51  | 0.66  |
| 2 M     | 0.81  | 0.92  | 0.96  | 0.91  | 0.80  | 0.64 | 0.48 | 0.36 | 0.32 | 0.37 | 0.50 | 0.70 | 0.93  | 1.12  | 1.24  | 1.26  | 1.18 | 1.00 | 0.77 | 0.55 | 0.37 | 0.28 | 0.28  | 0.37  |
| 3 Tu    | 0.53  | 0.71  | 0.86  | 0.95  | 0.94  | 0.84 | 0.68 | 0.50 | 0.37 | 0.31 | 0.35 | 0.49 | 0.71  | 0.96  | 1.18  | 1.33  | 1.36 | 1.25 | 1.04 | 0.76 | 0.48 | 0.26 | 0.14  | 0.14  |
| 4 W     | 0.26  | 0.46  | 0.69  | 0.88  | 0.99  | 0.99 | 0.87 | 0.68 | 0.48 | 0.33 | 0.26 | 0.32 | 0.49  | 0.75  | 1.04  | 1.29  | 1.44 | 1.44 | 1.29 | 1.01 | 0.67 | 0.35 | 0.11  | -0.01 |
| 5 Th    | 0.03  | 0.20  | 0.46  | 0.73  | 0.95  | 1.05 | 1.02 | 0.86 | 0.64 | 0.41 | 0.25 | 0.20 | 0.29  | 0.52  | 0.83  | 1.16  | 1.42 | 1.55 | 1.49 | 1.26 | 0.90 | 0.52 | 0.17  | -0.06 |
| 6 F     | -0.13 | -0.03 | 0.22  | 0.53  | 0.83  | 1.04 | 1.11 | 1.02 | 0.81 | 0.54 | 0.31 | 0.16 | 0.15  | 0.30  | 0.60  | 0.97  | 1.31 | 1.55 | 1.62 | 1.47 | 1.15 | 0.74 | 0.33  | 0.00  |
| 7 Sa ☉  | -0.19 | -0.18 | 0.01  | 0.32  | 0.66  | 0.95 | 1.12 | 1.13 | 0.96 | 0.70 | 0.42 | 0.19 | 0.08  | 0.14  | 0.38  | 0.74  | 1.14 | 1.47 | 1.65 | 1.62 | 1.38 | 0.98 | 0.53  | 0.13  |
| 8 Su    | -0.15 | -0.25 | -0.15 | 0.12  | 0.48  | 0.83 | 1.08 | 1.17 | 1.09 | 0.86 | 0.56 | 0.28 | 0.08  | 0.04  | 0.19  | 0.51  | 0.92 | 1.32 | 1.59 | 1.68 | 1.55 | 1.21 | 0.77  | 0.32  |
| 9 M     | -0.04 | -0.24 | -0.23 | -0.03 | 0.31  | 0.68 | 0.99 | 1.17 | 1.17 | 1.00 | 0.72 | 0.40 | 0.15  | 0.02  | 0.07  | 0.31  | 0.70 | 1.12 | 1.47 | 1.66 | 1.64 | 1.39 | 1.00  | 0.54  |
| 10 Tu   | 0.14  | -0.14 | -0.24 | -0.12 | 0.16  | 0.53 | 0.87 | 1.12 | 1.21 | 1.12 | 0.88 | 0.56 | 0.26  | 0.06  | 0.01  | 0.16  | 0.49 | 0.90 | 1.29 | 1.56 | 1.64 | 1.51 | 1.19  | 0.77  |
| 11 W    | 0.34  | 0.00  | -0.17 | -0.15 | 0.06  | 0.39 | 0.74 | 1.04 | 1.20 | 1.20 | 1.02 | 0.74 | 0.42  | 0.16  | 0.03  | 0.09  | 0.32 | 0.68 | 1.07 | 1.39 | 1.57 | 1.54 | 1.32  | 0.96  |
| 12 Th   | 0.56  | 0.19  | -0.05 | -0.12 | 0.00  | 0.26 | 0.60 | 0.92 | 1.14 | 1.22 | 1.13 | 0.90 | 0.60  | 0.32  | 0.13  | 0.08  | 0.22 | 0.50 | 0.85 | 1.18 | 1.42 | 1.49 | 1.38  | 1.11  |
| 13 F    | 0.76  | 0.40  | 0.12  | -0.03 | 0.00  | 0.18 | 0.47 | 0.77 | 1.03 | 1.18 | 1.19 | 1.04 | 0.79  | 0.52  | 0.28  | 0.16  | 0.19 | 0.37 | 0.65 | 0.95 | 1.21 | 1.35 | 1.35  | 1.19  |
| 14 Sa   | 0.92  | 0.61  | 0.33  | 0.13  | 0.07  | 0.15 | 0.36 | 0.62 | 0.89 | 1.09 | 1.18 | 1.13 | 0.96  | 0.72  | 0.49  | 0.31  | 0.24 | 0.30 | 0.48 | 0.72 | 0.96 | 1.14 | 1.22  | 1.17  |
| 15 Su ☾ | 1.01  | 0.78  | 0.53  | 0.33  | 0.20  | 0.19 | 0.30 | 0.49 | 0.72 | 0.94 | 1.09 | 1.15 | 1.08  | 0.92  | 0.72  | 0.53  | 0.38 | 0.33 | 0.38 | 0.52 | 0.69 | 0.86 | 0.99  | 1.04  |
| 16 M    | 1.00  | 0.88  | 0.71  | 0.54  | 0.39  | 0.30 | 0.31 | 0.40 | 0.56 | 0.75 | 0.94 | 1.08 | 1.13  | 1.08  | 0.96  | 0.79  | 0.61 | 0.47 | 0.39 | 0.39 | 0.46 | 0.57 | 0.70  | 0.81  |
| 17 Tu   | 0.88  | 0.88  | 0.83  | 0.73  | 0.60  | 0.48 | 0.39 | 0.38 | 0.44 | 0.57 | 0.74 | 0.92 | 1.08  | 1.16  | 1.15  | 1.06  | 0.91 | 0.71 | 0.52 | 0.38 | 0.31 | 0.31 | 0.38  | 0.50  |
| 18 W    | 0.64  | 0.77  | 0.84  | 0.85  | 0.79  | 0.68 | 0.55 | 0.43 | 0.38 | 0.41 | 0.51 | 0.69 | 0.91  | 1.11  | 1.25  | 1.29  | 1.22 | 1.05 | 0.79 | 0.53 | 0.30 | 0.16 | 0.11  | 0.17  |
| 19 Th   | 0.33  | 0.53  | 0.73  | 0.87  | 0.93  | 0.89 | 0.75 | 0.58 | 0.41 | 0.32 | 0.32 | 0.43 | 0.65  | 0.93  | 1.21  | 1.41  | 1.48 | 1.40 | 1.16 | 0.82 | 0.47 | 0.16 | -0.04 | -0.10 |
| 20 F    | 0.00  | 0.22  | 0.50  | 0.77  | 0.96  | 1.04 | 0.97 | 0.79 | 0.55 | 0.34 | 0.21 | 0.20 | 0.35  | 0.64  | 1.00  | 1.35  | 1.59 | 1.67 | 1.54 | 1.22 | 0.79 | 0.35 | -0.01 | -0.23 |
| 21 Sa   | -0.26 | -0.11 | 0.19  | 0.55  | 0.88  | 1.09 | 1.14 | 1.02 | 0.77 | 0.47 | 0.21 | 0.06 | 0.08  | 0.29  | 0.67  | 1.11  | 1.52 | 1.77 | 1.82 | 1.61 | 1.20 | 0.70 | 0.21  | -0.17 |
| 22 Su ☀ | -0.38 | -0.35 | -0.11 | 0.27  | 0.68  | 1.02 | 1.22 | 1.22 | 1.02 | 0.70 | 0.36 | 0.07 | -0.07 | -0.01 | 0.29  | 0.74  | 1.25 | 1.67 | 1.91 | 1.89 | 1.60 | 1.11 | 0.56  | 0.06  |
| 23 M    | -0.31 | -0.45 | -0.34 | -0.02 | 0.42  | 0.85 | 1.19 | 1.33 | 1.25 | 0.98 | 0.60 | 0.23 | -0.06 | -0.17 | -0.03 | 0.35  | 0.86 | 1.38 | 1.78 | 1.96 | 1.86 | 1.49 | 0.97  | 0.41  |
| 24 Tu   | -0.07 | -0.38 | -0.43 | -0.23 | 0.16  | 0.62 | 1.04 | 1.33 | 1.40 | 1.24 | 0.90 | 0.49 | 0.10  | -0.15 | -0.19 | 0.03  | 0.46 | 0.99 | 1.48 | 1.82 | 1.91 | 1.73 | 1.31  | 0.78  |
| 25 W    | 0.26  | -0.16 | -0.37 | -0.32 | -0.03 | 0.39 | 0.84 | 1.21 | 1.42 | 1.41 | 1.17 | 0.80 | 0.38  | 0.02  | -0.17 | -0.13 | 0.15 | 0.60 | 1.10 | 1.52 | 1.77 | 1.77 | 1.52  | 1.09  |
| 26 Th   | 0.59  | 0.14  | -0.17 | -0.27 | -0.12 | 0.21 | 0.62 | 1.03 | 1.33 | 1.45 | 1.35 | 1.07 | 0.69  | 0.30  | 0.01  | -0.11 | 0.01 | 0.32 | 0.74 | 1.16 | 1.49 | 1.63 | 1.55  | 1.26  |
| 27 F    | 0.86  | 0.43  | 0.08  | -0.11 | -0.10 | 0.11 | 0.44 | 0.82 | 1.16 | 1.38 | 1.41 | 1.26 | 0.96  | 0.61  | 0.29  | 0.07  | 0.03 | 0.19 | 0.48 | 0.83 | 1.15 | 1.37 | 1.42  | 1.29  |
| 28 Sa ☾ | 1.01  | 0.67  | 0.34  | 0.10  | 0.02  | 0.10 | 0.33 | 0.64 | 0.96 | 1.22 | 1.35 | 1.32 | 1.15  | 0.88  | 0.59  | 0.34  | 0.20 | 0.21 | 0.35 | 0.58 | 0.84 | 1.06 | 1.19  | 1.18  |
| 29 Su   | 1.04  | 0.82  | 0.56  | 0.34  | 0.20  | 0.18 | 0.30 | 0.50 | 0.76 | 1.00 | 1.19 | 1.27 | 1.22  | 1.07  | 0.86  | 0.63  | 0.45 | 0.35 | 0.36 | 0.45 | 0.60 | 0.77 | 0.90  | 0.97  |
| 30 M    | 0.96  | 0.86  | 0.71  | 0.55  | 0.41  | 0.33 | 0.35 | 0.44 | 0.60 | 0.79 | 0.97 | 1.11 | 1.17  | 1.14  | 1.05  | 0.90  | 0.73 | 0.58 | 0.48 | 0.44 | 0.46 | 0.53 | 0.62  | 0.72  |
| 31 Tu   | 0.78  | 0.80  | 0.77  | 0.70  | 0.61  | 0.52 | 0.46 | 0.46 | 0.51 | 0.61 | 0.75 | 0.90 | 1.03  | 1.11  | 1.14  | 1.10  | 0.99 | 0.84 | 0.68 | 0.53 | 0.43 | 0.37 | 0.38  | 0.45  |

## FEBRUARY

| DD/HH |      | 0     | 1     | 2     | 3     | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11    | 12    | 13    | 14    | 15    | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23    |  |
|-------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|--|
| 1     | W    | 0.55  | 0.65  | 0.74  | 0.78  | 0.77 | 0.71 | 0.62 | 0.54 | 0.49 | 0.49 | 0.55 | 0.66  | 0.82  | 0.99  | 1.13  | 1.21  | 1.20 | 1.10 | 0.92 | 0.70 | 0.49 | 0.32 | 0.22 | 0.21  |  |
| 2     | Th   | 0.30  | 0.46  | 0.63  | 0.78  | 0.88 | 0.88 | 0.80 | 0.68 | 0.55 | 0.44 | 0.40 | 0.45  | 0.59  | 0.80  | 1.03  | 1.22  | 1.34 | 1.32 | 1.17 | 0.92 | 0.63 | 0.35 | 0.14 | 0.04  |  |
| 3     | F    | 0.08  | 0.24  | 0.47  | 0.71  | 0.90 | 1.00 | 0.97 | 0.84 | 0.65 | 0.47 | 0.33 | 0.28  | 0.37  | 0.58  | 0.86  | 1.15  | 1.38 | 1.48 | 1.40 | 1.17 | 0.84 | 0.48 | 0.16 | -0.05 |  |
| 4     | Sa   | -0.09 | 0.03  | 0.28  | 0.58  | 0.86 | 1.06 | 1.11 | 1.01 | 0.80 | 0.55 | 0.32 | 0.18  | 0.18  | 0.35  | 0.65  | 1.00  | 1.33 | 1.55 | 1.58 | 1.41 | 1.07 | 0.66 | 0.27 | -0.04 |  |
| 5     | Su   | -0.19 | -0.14 | 0.09  | 0.42  | 0.77 | 1.05 | 1.20 | 1.16 | 0.96 | 0.68 | 0.38 | 0.15  | 0.05  | 0.15  | 0.42  | 0.81  | 1.21 | 1.53 | 1.68 | 1.60 | 1.31 | 0.89 | 0.44 | 0.05  |  |
|       |      |       |       |       |       |      |      |      |      |      |      |      |       |       |       |       |       |      |      |      |      |      |      |      |       |  |
| 6     | M ☉  | -0.21 | -0.25 | -0.08 | 0.25  | 0.64 | 1.00 | 1.23 | 1.28 | 1.13 | 0.84 | 0.50 | 0.19  | 0.00  | -0.01 | 0.20  | 0.58  | 1.02 | 1.43 | 1.69 | 1.72 | 1.52 | 1.13 | 0.66 | 0.20  |  |
| 7     | Tu   | -0.14 | -0.28 | -0.19 | 0.10  | 0.50 | 0.90 | 1.21 | 1.35 | 1.27 | 1.02 | 0.66 | 0.30  | 0.02  | -0.09 | 0.03  | 0.35  | 0.80 | 1.25 | 1.60 | 1.76 | 1.66 | 1.34 | 0.89 | 0.40  |  |
| 8     | W    | 0.00  | -0.24 | -0.25 | -0.03 | 0.35 | 0.78 | 1.14 | 1.37 | 1.38 | 1.19 | 0.85 | 0.46  | 0.12  | -0.09 | -0.08 | 0.16  | 0.57 | 1.03 | 1.44 | 1.69 | 1.72 | 1.50 | 1.10 | 0.62  |  |
| 9     | Th   | 0.18  | -0.13 | -0.24 | -0.11 | 0.21 | 0.63 | 1.04 | 1.33 | 1.44 | 1.33 | 1.04 | 0.65  | 0.27  | -0.01 | -0.11 | 0.03  | 0.36 | 0.80 | 1.23 | 1.55 | 1.68 | 1.57 | 1.26 | 0.83  |  |
| 10    | F    | 0.39  | 0.03  | -0.16 | -0.13 | 0.11 | 0.49 | 0.90 | 1.24 | 1.43 | 1.42 | 1.21 | 0.86  | 0.47  | 0.14  | -0.05 | -0.03 | 0.20 | 0.57 | 0.99 | 1.34 | 1.54 | 1.55 | 1.35 | 1.00  |  |
| 11    | Sa   | 0.59  | 0.22  | -0.03 | -0.09 | 0.06 | 0.37 | 0.75 | 1.11 | 1.36 | 1.44 | 1.32 | 1.04  | 0.68  | 0.34  | 0.08  | 0.00  | 0.11 | 0.39 | 0.75 | 1.09 | 1.34 | 1.43 | 1.34 | 1.09  |  |
| 12    | Su   | 0.76  | 0.42  | 0.15  | 0.02  | 0.07 | 0.29 | 0.61 | 0.95 | 1.23 | 1.39 | 1.37 | 1.19  | 0.90  | 0.57  | 0.29  | 0.12  | 0.12 | 0.27 | 0.54 | 0.83 | 1.08 | 1.23 | 1.24 | 1.10  |  |
|       |      |       |       |       |       |      |      |      |      |      |      |      |       |       |       |       |       |      |      |      |      |      |      |      |       |  |
| 13    | M    | 0.86  | 0.59  | 0.35  | 0.18  | 0.15 | 0.27 | 0.50 | 0.78 | 1.05 | 1.25 | 1.34 | 1.27  | 1.08  | 0.81  | 0.55  | 0.34  | 0.23 | 0.26 | 0.40 | 0.59 | 0.79 | 0.95 | 1.03 | 1.01  |  |
| 14    | Tu ☾ | 0.89  | 0.71  | 0.53  | 0.38  | 0.30 | 0.32 | 0.44 | 0.64 | 0.86 | 1.06 | 1.20 | 1.25  | 1.18  | 1.03  | 0.83  | 0.63  | 0.46 | 0.37 | 0.36 | 0.43 | 0.54 | 0.65 | 0.75 | 0.81  |  |
| 15    | W    | 0.81  | 0.75  | 0.67  | 0.57  | 0.49 | 0.44 | 0.46 | 0.54 | 0.67 | 0.83 | 0.98 | 1.11  | 1.18  | 1.16  | 1.08  | 0.95  | 0.79 | 0.62 | 0.48 | 0.40 | 0.37 | 0.38 | 0.44 | 0.53  |  |
| 16    | Th   | 0.62  | 0.69  | 0.73  | 0.73  | 0.70 | 0.63 | 0.56 | 0.53 | 0.54 | 0.60 | 0.71 | 0.86  | 1.03  | 1.16  | 1.24  | 1.24  | 1.15 | 0.97 | 0.75 | 0.52 | 0.34 | 0.21 | 0.16 | 0.21  |  |
| 17    | F    | 0.34  | 0.51  | 0.68  | 0.82  | 0.88 | 0.85 | 0.75 | 0.62 | 0.51 | 0.44 | 0.44 | 0.55  | 0.75  | 0.99  | 1.23  | 1.40  | 1.45 | 1.36 | 1.13 | 0.81 | 0.48 | 0.19 | 0.00 | -0.06 |  |
| 18    | Sa   | 0.04  | 0.25  | 0.53  | 0.79  | 0.99 | 1.06 | 1.00 | 0.82 | 0.60 | 0.39 | 0.26 | 0.25  | 0.39  | 0.68  | 1.04  | 1.38  | 1.61 | 1.68 | 1.53 | 1.21 | 0.78 | 0.36 | 0.00 | -0.21 |  |
| 19    | Su   | -0.22 | -0.03 | 0.29  | 0.66  | 0.99 | 1.20 | 1.23 | 1.08 | 0.80 | 0.49 | 0.21 | 0.04  | 0.06  | 0.30  | 0.70  | 1.16  | 1.57 | 1.82 | 1.84 | 1.60 | 1.18 | 0.67 | 0.18 | -0.19 |  |
|       |      |       |       |       |       |      |      |      |      |      |      |      |       |       |       |       |       |      |      |      |      |      |      |      |       |  |
| 20    | M ☀  | -0.36 | -0.28 | 0.02  | 0.45  | 0.88 | 1.23 | 1.40 | 1.34 | 1.09 | 0.71 | 0.31 | -0.01 | -0.15 | -0.04 | 0.30  | 0.80  | 1.33 | 1.75 | 1.97 | 1.90 | 1.56 | 1.05 | 0.49 | -0.01 |  |
| 21    | Tu   | -0.34 | -0.41 | -0.20 | 0.20  | 0.69 | 1.15 | 1.46 | 1.54 | 1.37 | 1.01 | 0.56 | 0.12  | -0.19 | -0.26 | -0.05 | 0.39  | 0.95 | 1.49 | 1.88 | 2.00 | 1.83 | 1.40 | 0.85 | 0.28  |  |
| 22    | W    | -0.17 | -0.39 | -0.33 | -0.01 | 0.46 | 0.97 | 1.40 | 1.62 | 1.59 | 1.31 | 0.87 | 0.38  | -0.05 | -0.29 | -0.25 | 0.06  | 0.56 | 1.12 | 1.61 | 1.91 | 1.91 | 1.64 | 1.16 | 0.61  |  |
| 23    | Th   | 0.10  | -0.24 | -0.33 | -0.14 | 0.26 | 0.76 | 1.24 | 1.58 | 1.69 | 1.54 | 1.17 | 0.69  | 0.22  | -0.14 | -0.28 | -0.14 | 0.24 | 0.75 | 1.26 | 1.65 | 1.82 | 1.71 | 1.36 | 0.88  |  |
| 24    | F    | 0.39  | -0.02 | -0.22 | -0.17 | 0.12 | 0.56 | 1.03 | 1.43 | 1.66 | 1.64 | 1.40 | 0.99  | 0.53  | 0.12  | -0.14 | -0.16 | 0.07 | 0.46 | 0.91 | 1.32 | 1.58 | 1.62 | 1.43 | 1.07  |  |
| 25    | Sa   | 0.63  | 0.23  | -0.03 | -0.09 | 0.07 | 0.41 | 0.82 | 1.22 | 1.51 | 1.62 | 1.51 | 1.21  | 0.82  | 0.42  | 0.11  | -0.02 | 0.05 | 0.29 | 0.64 | 1.00 | 1.28 | 1.41 | 1.35 | 1.13  |  |
| 26    | Su   | 0.80  | 0.46  | 0.19  | 0.06  | 0.11 | 0.33 | 0.66 | 1.01 | 1.31 | 1.48 | 1.49 | 1.32  | 1.04  | 0.70  | 0.40  | 0.21  | 0.16 | 0.27 | 0.48 | 0.74 | 0.99 | 1.15 | 1.18 | 1.08  |  |
|       |      |       |       |       |       |      |      |      |      |      |      |      |       |       |       |       |       |      |      |      |      |      |      |      |       |  |
| 27    | M ☾  | 0.87  | 0.62  | 0.40  | 0.25  | 0.23 | 0.34 | 0.56 | 0.82 | 1.08 | 1.28 | 1.36 | 1.31  | 1.14  | 0.92  | 0.68  | 0.48  | 0.37 | 0.36 | 0.45 | 0.59 | 0.74 | 0.88 | 0.95 | 0.93  |  |
| 28    | Tu   | 0.85  | 0.71  | 0.56  | 0.44  | 0.39 | 0.42 | 0.53 | 0.70 | 0.88 | 1.04 | 1.16 | 1.19  | 1.14  | 1.04  | 0.89  | 0.74  | 0.61 | 0.54 | 0.51 | 0.53 | 0.58 | 0.64 | 0.70 | 0.74  |  |