

## CEBU CITY, CEBU

LAT 10° 18'N LONG 123° 55'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    | 0.48 | 0.51 | 0.58 | 0.68  | 0.77  | 0.82  | 0.82  | 0.77  | 0.67  | 0.54  | 0.43  | 0.37 | 0.37 | 0.44 | 0.57 | 0.74 | 0.91 | 1.05 | 1.14 | 1.16 | 1.10 | 0.97 | 0.80 | 0.63 |
| 2 M     | 0.47 | 0.37 | 0.33 | 0.36  | 0.43  | 0.52  | 0.60  | 0.65  | 0.66  | 0.62  | 0.55  | 0.49 | 0.45 | 0.45 | 0.52 | 0.65 | 0.82 | 1.00 | 1.15 | 1.25 | 1.26 | 1.19 | 1.03 | 0.82 |
| 3 Tu    | 0.59 | 0.37 | 0.21 | 0.13  | 0.13  | 0.21  | 0.32  | 0.44  | 0.55  | 0.60  | 0.61  | 0.58 | 0.53 | 0.49 | 0.50 | 0.57 | 0.71 | 0.89 | 1.09 | 1.26 | 1.36 | 1.36 | 1.25 | 1.05 |
| 4 W     | 0.78 | 0.48 | 0.22 | 0.02  | -0.07 | -0.05 | 0.05  | 0.20  | 0.37  | 0.51  | 0.59  | 0.62 | 0.59 | 0.54 | 0.50 | 0.50 | 0.59 | 0.75 | 0.97 | 1.19 | 1.37 | 1.46 | 1.43 | 1.27 |
| 5 Th    | 1.01 | 0.68 | 0.34 | 0.04  | -0.16 | -0.23 | -0.17 | -0.03 | 0.17  | 0.36  | 0.51  | 0.61 | 0.62 | 0.58 | 0.51 | 0.47 | 0.49 | 0.61 | 0.82 | 1.07 | 1.32 | 1.49 | 1.54 | 1.46 |
| 6 F     | 1.24 | 0.92 | 0.53 | 0.17  | -0.13 | -0.30 | -0.32 | -0.21 | -0.02 | 0.19  | 0.40  | 0.55 | 0.62 | 0.61 | 0.54 | 0.46 | 0.43 | 0.48 | 0.65 | 0.91 | 1.20 | 1.44 | 1.58 | 1.59 |
| 7 Sa ☉  | 1.44 | 1.16 | 0.78 | 0.37  | 0.01  | -0.25 | -0.37 | -0.33 | -0.17 | 0.04  | 0.27  | 0.46 | 0.59 | 0.62 | 0.57 | 0.47 | 0.40 | 0.39 | 0.50 | 0.72 | 1.02 | 1.32 | 1.54 | 1.63 |
| 8 Su    | 1.58 | 1.37 | 1.03 | 0.62  | 0.21  | -0.12 | -0.33 | -0.37 | -0.27 | -0.07 | 0.16  | 0.38 | 0.55 | 0.63 | 0.60 | 0.51 | 0.41 | 0.35 | 0.39 | 0.55 | 0.83 | 1.15 | 1.42 | 1.60 |
| 9 M     | 1.64 | 1.53 | 1.25 | 0.86  | 0.44  | 0.07  | -0.21 | -0.33 | -0.30 | -0.14 | 0.08  | 0.31 | 0.51 | 0.63 | 0.65 | 0.57 | 0.46 | 0.36 | 0.33 | 0.43 | 0.65 | 0.95 | 1.26 | 1.50 |
| 10 Tu   | 1.62 | 1.60 | 1.41 | 1.08  | 0.68  | 0.28  | -0.04 | -0.24 | -0.27 | -0.16 | 0.04  | 0.26 | 0.48 | 0.63 | 0.70 | 0.65 | 0.53 | 0.41 | 0.33 | 0.35 | 0.50 | 0.76 | 1.07 | 1.34 |
| 11 W    | 1.52 | 1.58 | 1.49 | 1.23  | 0.87  | 0.49  | 0.14  | -0.11 | -0.21 | -0.15 | 0.02  | 0.24 | 0.47 | 0.65 | 0.74 | 0.73 | 0.63 | 0.49 | 0.38 | 0.33 | 0.40 | 0.60 | 0.87 | 1.15 |
| 12 Th   | 1.38 | 1.50 | 1.48 | 1.32  | 1.02  | 0.66  | 0.32  | 0.04  | -0.11 | -0.11 | 0.03  | 0.24 | 0.46 | 0.66 | 0.79 | 0.82 | 0.74 | 0.60 | 0.46 | 0.36 | 0.36 | 0.47 | 0.69 | 0.95 |
| 13 F    | 1.19 | 1.35 | 1.40 | 1.32  | 1.11  | 0.81  | 0.48  | 0.19  | 0.01  | -0.05 | 0.04  | 0.23 | 0.46 | 0.67 | 0.83 | 0.89 | 0.86 | 0.74 | 0.58 | 0.44 | 0.37 | 0.39 | 0.53 | 0.73 |
| 14 Sa   | 0.96 | 1.14 | 1.25 | 1.25  | 1.12  | 0.90  | 0.62  | 0.35  | 0.15  | 0.05  | 0.08  | 0.23 | 0.44 | 0.66 | 0.84 | 0.95 | 0.96 | 0.88 | 0.74 | 0.58 | 0.45 | 0.38 | 0.42 | 0.54 |
| 15 Su ☾ | 0.71 | 0.88 | 1.01 | 1.07  | 1.04  | 0.91  | 0.72  | 0.50  | 0.30  | 0.18  | 0.16  | 0.25 | 0.42 | 0.62 | 0.82 | 0.97 | 1.03 | 1.01 | 0.91 | 0.76 | 0.60 | 0.46 | 0.39 | 0.40 |
| 16 M    | 0.47 | 0.59 | 0.71 | 0.81  | 0.85  | 0.82  | 0.73  | 0.59  | 0.45  | 0.33  | 0.28  | 0.31 | 0.42 | 0.58 | 0.77 | 0.94 | 1.06 | 1.11 | 1.08 | 0.98 | 0.83 | 0.65 | 0.49 | 0.38 |
| 17 Tu   | 0.32 | 0.33 | 0.39 | 0.47  | 0.55  | 0.60  | 0.61  | 0.59  | 0.53  | 0.46  | 0.41  | 0.41 | 0.45 | 0.55 | 0.70 | 0.87 | 1.03 | 1.15 | 1.21 | 1.19 | 1.09 | 0.92 | 0.72 | 0.51 |
| 18 W    | 0.32 | 0.19 | 0.13 | 0.14  | 0.20  | 0.29  | 0.38  | 0.45  | 0.50  | 0.52  | 0.52  | 0.51 | 0.52 | 0.56 | 0.64 | 0.77 | 0.94 | 1.11 | 1.25 | 1.33 | 1.33 | 1.23 | 1.04 | 0.78 |
| 19 Th   | 0.50 | 0.24 | 0.03 | -0.09 | -0.11 | -0.05 | 0.07  | 0.21  | 0.35  | 0.46  | 0.54  | 0.58 | 0.58 | 0.59 | 0.61 | 0.67 | 0.81 | 0.99 | 1.20 | 1.38 | 1.48 | 1.49 | 1.38 | 1.15 |
| 20 F    | 0.83 | 0.47 | 0.13 | -0.14 | -0.29 | -0.32 | -0.24 | -0.08 | 0.11  | 0.30  | 0.46  | 0.57 | 0.62 | 0.61 | 0.59 | 0.60 | 0.66 | 0.82 | 1.04 | 1.30 | 1.51 | 1.64 | 1.65 | 1.51 |
| 21 Sa   | 1.23 | 0.85 | 0.42 | 0.03  | -0.28 | -0.45 | -0.46 | -0.34 | -0.14 | 0.08  | 0.31  | 0.49 | 0.60 | 0.62 | 0.59 | 0.55 | 0.54 | 0.62 | 0.82 | 1.10 | 1.39 | 1.63 | 1.77 | 1.77 |
| 22 Su ● | 1.60 | 1.27 | 0.83 | 0.36  | -0.06 | -0.37 | -0.52 | -0.49 | -0.33 | -0.11 | 0.14  | 0.38 | 0.55 | 0.63 | 0.60 | 0.53 | 0.47 | 0.46 | 0.57 | 0.82 | 1.15 | 1.47 | 1.72 | 1.85 |
| 23 M    | 1.83 | 1.62 | 1.24 | 0.77  | 0.29  | -0.13 | -0.41 | -0.50 | -0.42 | -0.22 | 0.02  | 0.28 | 0.51 | 0.63 | 0.64 | 0.56 | 0.45 | 0.37 | 0.37 | 0.53 | 0.82 | 1.18 | 1.51 | 1.76 |
| 24 Tu   | 1.88 | 1.82 | 1.56 | 1.14  | 0.66  | 0.20  | -0.18 | -0.39 | -0.40 | -0.25 | -0.02 | 0.24 | 0.49 | 0.66 | 0.72 | 0.65 | 0.50 | 0.36 | 0.27 | 0.30 | 0.50 | 0.83 | 1.19 | 1.51 |
| 25 W    | 1.73 | 1.82 | 1.71 | 1.41  | 0.98  | 0.53  | 0.11  | -0.19 | -0.30 | -0.22 | -0.01 | 0.24 | 0.50 | 0.72 | 0.82 | 0.79 | 0.64 | 0.45 | 0.28 | 0.20 | 0.27 | 0.49 | 0.82 | 1.16 |
| 26 Th   | 1.45 | 1.64 | 1.67 | 1.50  | 1.18  | 0.78  | 0.38  | 0.04  | -0.14 | -0.14 | 0.02  | 0.27 | 0.54 | 0.78 | 0.93 | 0.95 | 0.83 | 0.63 | 0.41 | 0.24 | 0.18 | 0.27 | 0.50 | 0.80 |
| 27 F    | 1.10 | 1.34 | 1.46 | 1.43  | 1.24  | 0.93  | 0.57  | 0.25  | 0.03  | -0.04 | 0.07  | 0.29 | 0.56 | 0.82 | 1.01 | 1.08 | 1.02 | 0.85 | 0.62 | 0.40 | 0.24 | 0.20 | 0.30 | 0.50 |
| 28 Sa ☾ | 0.75 | 0.99 | 1.16 | 1.22  | 1.14  | 0.95  | 0.68  | 0.40  | 0.19  | 0.08  | 0.13  | 0.30 | 0.55 | 0.81 | 1.03 | 1.15 | 1.16 | 1.05 | 0.85 | 0.62 | 0.41 | 0.28 | 0.25 | 0.32 |
| 29 Su   | 0.47 | 0.66 | 0.82 | 0.92  | 0.93  | 0.85  | 0.69  | 0.49  | 0.31  | 0.21  | 0.21  | 0.32 | 0.51 | 0.75 | 0.97 | 1.14 | 1.21 | 1.18 | 1.05 | 0.86 | 0.65 | 0.46 | 0.34 | 0.29 |
| 30 M    | 0.32 | 0.40 | 0.51 | 0.60  | 0.66  | 0.66  | 0.60  | 0.50  | 0.40  | 0.32  | 0.30  | 0.36 | 0.49 | 0.67 | 0.87 | 1.04 | 1.16 | 1.21 | 1.17 | 1.06 | 0.89 | 0.71 | 0.53 | 0.39 |
| 31 Tu   | 0.30 | 0.26 | 0.27 | 0.31  | 0.37  | 0.41  | 0.43  | 0.43  | 0.42  | 0.40  | 0.40  | 0.43 | 0.50 | 0.61 | 0.75 | 0.90 | 1.04 | 1.15 | 1.19 | 1.18 | 1.09 | 0.95 | 0.77 | 0.58 |

## 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    | 0.40 | 0.25 | 0.14  | 0.10  | 0.10  | 0.15  | 0.22  | 0.30  | 0.36  | 0.42 | 0.46 | 0.50 | 0.54 | 0.58 | 0.65 | 0.75 | 0.88 | 1.02 | 1.13 | 1.21  | 1.22  | 1.16  | 1.02 | 0.83 |
| 2     | Th   | 0.59 | 0.35 | 0.14  | -0.01 | -0.09 | -0.07 | 0.01  | 0.13  | 0.26  | 0.39 | 0.49 | 0.56 | 0.58 | 0.59 | 0.59 | 0.62 | 0.70 | 0.84 | 1.00 | 1.16  | 1.26  | 1.30  | 1.24 | 1.08 |
| 3     | F    | 0.84 | 0.55 | 0.25  | 0.00  | -0.17 | -0.23 | -0.18 | -0.05 | 0.12  | 0.30 | 0.47 | 0.58 | 0.63 | 0.61 | 0.57 | 0.53 | 0.55 | 0.65 | 0.83 | 1.04  | 1.23  | 1.36  | 1.39 | 1.31 |
| 4     | Sa   | 1.10 | 0.80 | 0.45  | 0.12  | -0.15 | -0.30 | -0.31 | -0.20 | -0.02 | 0.20 | 0.41 | 0.57 | 0.65 | 0.64 | 0.57 | 0.49 | 0.44 | 0.48 | 0.63 | 0.87  | 1.12  | 1.33  | 1.46 | 1.47 |
| 5     | Su   | 1.34 | 1.06 | 0.70  | 0.32  | -0.02 | -0.26 | -0.35 | -0.29 | -0.12 | 0.10 | 0.34 | 0.54 | 0.67 | 0.68 | 0.60 | 0.48 | 0.38 | 0.35 | 0.45 | 0.67  | 0.95  | 1.23  | 1.44 | 1.55 |
| 6     | M ☉  | 1.50 | 1.30 | 0.96  | 0.56  | 0.17  | -0.14 | -0.31 | -0.32 | -0.18 | 0.03 | 0.28 | 0.51 | 0.67 | 0.72 | 0.65 | 0.52 | 0.37 | 0.28 | 0.30 | 0.47  | 0.75  | 1.06  | 1.34 | 1.53 |
| 7     | Tu   | 1.58 | 1.46 | 1.18  | 0.80  | 0.39  | 0.03  | -0.21 | -0.29 | -0.20 | 0.00 | 0.25 | 0.49 | 0.69 | 0.78 | 0.73 | 0.59 | 0.41 | 0.26 | 0.21 | 0.30  | 0.54  | 0.86  | 1.18 | 1.43 |
| 8     | W    | 1.57 | 1.54 | 1.34  | 0.99  | 0.59  | 0.21  | -0.08 | -0.22 | -0.18 | 0.00 | 0.24 | 0.50 | 0.72 | 0.85 | 0.83 | 0.69 | 0.49 | 0.30 | 0.17 | 0.18  | 0.35  | 0.64  | 0.97 | 1.27 |
| 9     | Th   | 1.47 | 1.53 | 1.42  | 1.14  | 0.77  | 0.38  | 0.06  | -0.13 | -0.15 | 0.01 | 0.25 | 0.52 | 0.76 | 0.92 | 0.95 | 0.83 | 0.62 | 0.38 | 0.20 | 0.12  | 0.20  | 0.43  | 0.75 | 1.06 |
| 10    | F    | 1.31 | 1.44 | 1.42  | 1.22  | 0.90  | 0.53  | 0.20  | -0.03 | -0.10 | 0.01 | 0.25 | 0.53 | 0.80 | 0.99 | 1.06 | 0.98 | 0.78 | 0.52 | 0.28 | 0.12  | 0.11  | 0.25  | 0.52 | 0.82 |
| 11    | Sa   | 1.10 | 1.28 | 1.33  | 1.23  | 0.98  | 0.65  | 0.33  | 0.08  | -0.03 | 0.03 | 0.24 | 0.52 | 0.81 | 1.03 | 1.15 | 1.12 | 0.95 | 0.70 | 0.42 | 0.20  | 0.09  | 0.13  | 0.31 | 0.57 |
| 12    | Su   | 0.84 | 1.05 | 1.17  | 1.15  | 0.99  | 0.74  | 0.46  | 0.21  | 0.07  | 0.08 | 0.24 | 0.50 | 0.79 | 1.04 | 1.19 | 1.22 | 1.12 | 0.90 | 0.62 | 0.36  | 0.16  | 0.09  | 0.16 | 0.34 |
| 13    | M    | 0.56 | 0.77 | 0.92  | 0.97  | 0.91  | 0.75  | 0.54  | 0.34  | 0.19  | 0.16 | 0.26 | 0.47 | 0.74 | 1.00 | 1.19 | 1.28 | 1.24 | 1.09 | 0.85 | 0.59  | 0.35  | 0.18  | 0.13 | 0.18 |
| 14    | Tu ☾ | 0.31 | 0.47 | 0.61  | 0.70  | 0.72  | 0.66  | 0.55  | 0.42  | 0.31  | 0.28 | 0.33 | 0.48 | 0.69 | 0.92 | 1.12 | 1.26 | 1.29 | 1.23 | 1.08 | 0.86  | 0.62  | 0.41  | 0.25 | 0.17 |
| 15    | W    | 0.16 | 0.22 | 0.30  | 0.38  | 0.44  | 0.46  | 0.45  | 0.42  | 0.38  | 0.38 | 0.42 | 0.52 | 0.66 | 0.83 | 1.01 | 1.16 | 1.26 | 1.29 | 1.25 | 1.13  | 0.95  | 0.73  | 0.52 | 0.33 |
| 16    | Th   | 0.19 | 0.10 | 0.07  | 0.08  | 0.12  | 0.19  | 0.25  | 0.31  | 0.37  | 0.43 | 0.49 | 0.57 | 0.66 | 0.76 | 0.88 | 1.01 | 1.14 | 1.25 | 1.31 | 1.31  | 1.24  | 1.10  | 0.89 | 0.65 |
| 17    | F    | 0.40 | 0.17 | -0.01 | -0.12 | -0.14 | -0.10 | 0.00  | 0.12  | 0.26  | 0.40 | 0.52 | 0.61 | 0.67 | 0.71 | 0.76 | 0.83 | 0.94 | 1.09 | 1.24 | 1.37  | 1.43  | 1.40  | 1.28 | 1.06 |
| 18    | Sa   | 0.76 | 0.43 | 0.12  | -0.13 | -0.29 | -0.32 | -0.24 | -0.09 | 0.10  | 0.30 | 0.49 | 0.62 | 0.68 | 0.69 | 0.67 | 0.66 | 0.71 | 0.84 | 1.04 | 1.26  | 1.45  | 1.57  | 1.58 | 1.45 |
| 19    | Su   | 1.19 | 0.82 | 0.42  | 0.04  | -0.25 | -0.40 | -0.39 | -0.26 | -0.06 | 0.18 | 0.42 | 0.61 | 0.71 | 0.70 | 0.63 | 0.55 | 0.50 | 0.56 | 0.74 | 1.02  | 1.30  | 1.54  | 1.70 | 1.71 |
| 20    | M ●  | 1.55 | 1.23 | 0.81  | 0.36  | -0.04 | -0.32 | -0.42 | -0.35 | -0.16 | 0.09 | 0.36 | 0.60 | 0.74 | 0.75 | 0.65 | 0.51 | 0.38 | 0.33 | 0.43 | 0.68  | 1.01  | 1.34  | 1.61 | 1.78 |
| 21    | Tu   | 1.77 | 1.55 | 1.18  | 0.72  | 0.26  | -0.12 | -0.33 | -0.34 | -0.19 | 0.06 | 0.33 | 0.60 | 0.80 | 0.84 | 0.75 | 0.56 | 0.36 | 0.20 | 0.18 | 0.34  | 0.65  | 1.02  | 1.36 | 1.64 |
| 22    | W    | 1.78 | 1.71 | 1.44  | 1.03  | 0.58  | 0.15  | -0.15 | -0.26 | -0.16 | 0.07 | 0.35 | 0.64 | 0.87 | 0.97 | 0.91 | 0.71 | 0.45 | 0.21 | 0.06 | 0.08  | 0.30  | 0.64  | 1.02 | 1.36 |
| 23    | Th   | 1.60 | 1.67 | 1.54  | 1.23  | 0.82  | 0.40  | 0.05  | -0.13 | -0.10 | 0.10 | 0.38 | 0.69 | 0.95 | 1.11 | 1.09 | 0.91 | 0.63 | 0.33 | 0.08 | -0.03 | 0.05  | 0.30  | 0.65 | 1.00 |
| 24    | F    | 1.30 | 1.48 | 1.47  | 1.28  | 0.96  | 0.58  | 0.24  | 0.01  | -0.03 | 0.12 | 0.40 | 0.72 | 1.01 | 1.21 | 1.26 | 1.13 | 0.87 | 0.54 | 0.23 | 0.01  | -0.05 | 0.07  | 0.33 | 0.66 |
| 25    | Sa   | 0.96 | 1.19 | 1.28  | 1.20  | 0.98  | 0.67  | 0.37  | 0.13  | 0.04  | 0.14 | 0.38 | 0.70 | 1.01 | 1.25 | 1.36 | 1.31 | 1.10 | 0.79 | 0.46 | 0.17  | 0.00  | -0.01 | 0.13 | 0.37 |
| 26    | Su   | 0.64 | 0.87 | 1.02  | 1.03  | 0.91  | 0.69  | 0.44  | 0.23  | 0.13  | 0.17 | 0.36 | 0.64 | 0.95 | 1.22 | 1.38 | 1.40 | 1.27 | 1.02 | 0.71 | 0.40  | 0.17  | 0.06  | 0.07 | 0.20 |
| 27    | M ☾  | 0.39 | 0.58 | 0.73  | 0.79  | 0.76  | 0.64  | 0.47  | 0.31  | 0.21  | 0.22 | 0.35 | 0.58 | 0.85 | 1.11 | 1.30 | 1.38 | 1.33 | 1.17 | 0.93 | 0.65  | 0.40  | 0.23  | 0.15 | 0.16 |
| 28    | Tu   | 0.24 | 0.35 | 0.46  | 0.54  | 0.56  | 0.52  | 0.44  | 0.35  | 0.29  | 0.30 | 0.38 | 0.55 | 0.76 | 0.97 | 1.16 | 1.27 | 1.30 | 1.23 | 1.08 | 0.87  | 0.66  | 0.47  | 0.33 | 0.24 |