

TIDES : DAILY HIGH AND LOW WATERS

Station.....LANGSUAN.....Month.....OCTOBER.....Year...2016.....

| Date | HIGH WATER | | | | | Moon's Phase | Date | LOW WATER | | | | | Remark |
|-------------|-------------|--------|------------|--------|---|-----------------|------|-------------|--------|------------|--------|---|--------|
| | Higher H.W. | | Lower H.W. | | | | | Higher L.W. | | Lower L.W. | | | |
| | Time | Height | Time | Height | | | | Time | Height | Time | Height | | |
| | h | m | meter | h | m | | | meter | h | m | meter | h | |
| 1 | 1200 | 2.63 | - | - | ● | 1 | 1800 | 2.14 | 0600 | 2.00 | | | |
| 2 | 1200 | 2.76 | 0000 | 2.56 | | 2 | 1900 | 2.09 | 0600 | 2.04 | | | |
| 3 | 1240 | 2.94 | 0100 | 2.56 | | 3 | 2000 | 2.23 | 0700 | 2.21 | | | |
| 4 | 1300 | 2.92 | 0100 | 2.56 | | 4 | 0600 | 2.16 | 2000 | 2.13 | | | |
| 5 | 1330 | 3.15 | 0200 | 2.50 | | 5 | 0700 | 2.28 | 2100 | 2.12 | | | |
| 6 | 1400 | 3.08 | - | - | | 6 | - | - | 2100 | 2.00 | | | |
| 7 | 1430 | 3.04 | - | - | | 7 | - | - | 2300 | 2.04 | | | |
| 8 | 1500 | 2.98 | - | - | | 8 | - | - | - | - | | | |
| 9 | 1500 | 2.92 | - | - | ☾ | 9 | - | - | 0500 | 1.78 | | | |
| 10 | 1600 | 2.92 | - | - | | 10 | - | - | 0500 | 1.86 | | | |
| 11 | 1630 | 2.98 | - | - | | 11 | - | - | 0300 | 1.92 | | | |
| 12 | 1900 | 2.89 | - | - | | 12 | - | - | 0400 | 1.96 | | | |
| 13 | 2000 | 2.99 | - | - | | 13 | - | - | 0400 | 2.04 | | | |
| 14 | 2100 | 2.92 | - | - | | 14 | - | - | 0500 | 2.18 | | | |
| 15 | 2300 | 2.84 | - | - | | 15 | - | - | 0500 | 2.26 | | | |
| 16 | 1100 | 2.99 | - | - | ○ | 16 | 1900 | 2.38 | 0500 | 2.32 | | | |
| 17 | 1200 | 3.08 | 0000 | 2.72 | | 17 | 0600 | 2.34 | 1900 | 2.20 | | | |
| 18 | 1300 | 3.26 | 0100 | 2.56 | | 18 | 0600 | 2.32 | 2200 | 2.12 | | | |
| 19 | 1400 | 3.47 | - | - | | 19 | - | - | 2300 | 2.18 | | | |
| 20 | 1500 | 3.50 | - | - | | 20 | - | - | 2300 | 2.14 | | | |
| 21 | 1600 | 3.52 | - | - | | 21 | - | - | - | - | | | |
| 22 | 1630 | 3.30 | - | - | | 22 | - | - | 0300 | 2.00 | | | |
| 23 | 1600 | 3.12 | - | - | ☾ | 23 | - | - | 0400 | 1.85 | | | |
| 24 | 1800 | 3.12 | - | - | | 24 | - | - | 0300 | 1.98 | | | |
| 25 | 1800 | 3.01 | - | - | | 25 | - | - | 0500 | 2.12 | | | |
| 26 | 2000 | 2.96 | - | - | | 26 | - | - | 0500 | 2.21 | | | |
| 27 | 1420 | 2.77 | - | - | | 27 | - | - | 0500 | 2.19 | | | |
| 28 | 1200 | 2.88 | 2300 | 2.69 | | 28 | 1800 | 2.44 | 0500 | 2.16 | | | |
| 29 | 1200 | 3.08 | 2300 | 2.77 | | 29 | 1800 | 2.52 | 0500 | 2.34 | | | |
| 30 | 1100 | 3.32 | - | - | | 30 | 1800 | 2.53 | 0400 | 2.52 | | | |
| 31 | 1100 | 3.26 | - | - | ● | 31 | - | - | 1930 | 2.16 | | | |
| Monthly | | | | | | Monthly | | | | | | | |
| Sum | | 94.6 | | 20.92 | | Sum | | 25.43 | | 61.03 | | | |
| Mean | | | | | | Mean | | | | | | | |
| mean MSL | | | | | | mean MSL | | | | | | | |
| H'est HW | = | 3.520 | | | | L'est LW | = | 1.780 | | | | | |
| MHHW | = | 3.052 | | | | MLLW | = | 2.104 | | | | | |
| MLHW | = | 2.615 | | | | MHLW | = | 2.312 | | | | | |
| MHW | = | 2.962 | | | | MLW | = | 2.162 | | | | | |
| M.S.L. | = | 2.506 | | | | M.T.L. | = | 2.562 | | | | | |
| MHWS | = | 2.883 | | | | MLWS | = | 2.226 | | | | | |
| MHWN | = | 3.044 | | | | MLWN | = | 1.930 | | | | | |
| Mn.sp.range | = | 0.657 | | | | Sp.range | | | | | | | |
| Mn.np.range | = | 1.114 | | | | Np.range | | | | | | | |
| Mn.range | = | 0.801 | | | | | | | | | | | |