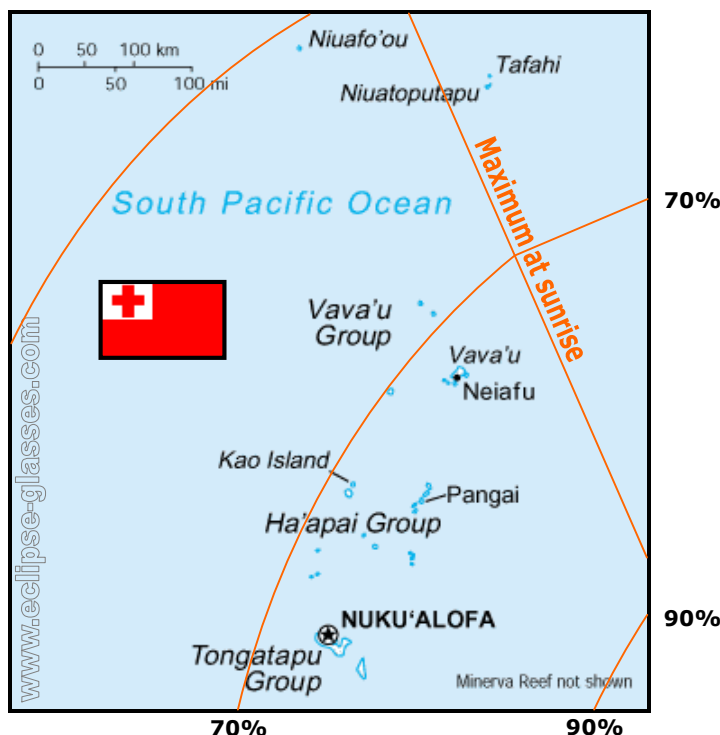


50%

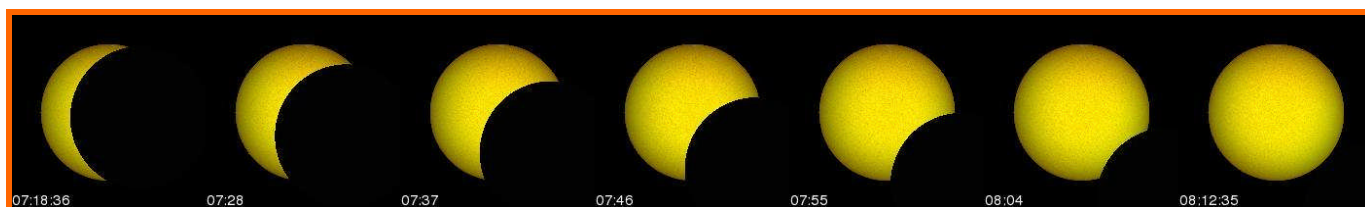


PARTIAL SOLAR ECLIPSE IN "TONGA" MONDAY 12 JULY 2010

| POSITION | MAXIMUM ECLIPSE | | | OBSCURATION IN % | FIRST CONTACT AT SUNRISE | | LAST CONTACT | | |
|----------------------|-----------------|-----------|-----------|------------------|--------------------------|--------------|--------------|-----------|--------------|
| | H | MN | S | | H | MN S | OBS.% | H | MN S |
| 1 'Ata | 07 | 24 | 43 | 67,0 | 07 | 24 43 | 67,0 | 08 | 13 10 |
| 2 Fonuafo'ou | 07 | 17 | 49 | 70,7 | 07 | 17 49 | 70,7 | 08 | 11 22 |
| 3 Fonualei | 07 | 09 | 18 | 69,6 | 07 | 09 18 | 69,6 | 08 | 09 30 |
| 4 Kao | 07 | 15 | 01 | 71,7 | 07 | 15 01 | 71,7 | 08 | 10 56 |
| 5 Late Island | 07 | 12 | 01 | 71,0 | 07 | 12 01 | 71,0 | 08 | 10 11 |
| 6 Neiafu | 07 | 09 | 07 | 72,4 | 07 | 09 07 | 72,4 | 08 | 10 40 |
| 7 Niuafu'ou | 07 | 10 | 16 | 58,4 | 07 | 10 16 | 58,4 | 08 | 04 54 |
| 8 Niuatoputapu | 07 | 06 | 34 | 63,3 | 07 | 03 25 | 62,7 | 08 | 07 22 |
| 9 Nomuka | 07 | 15 | 11 | 74,1 | 07 | 15 11 | 74,1 | 08 | 11 52 |
| 10 NUKU'ALOFA | 07 | 18 | 36 | 73,2 | 07 | 18 36 | 73,2 | 08 | 12 35 |
| 11 Ohonua 'Eua | 07 | 17 | 49 | 75,3 | 07 | 17 49 | 75,3 | 08 | 13 05 |
| 12 Pangai | 07 | 12 | 40 | 75,0 | 07 | 12 40 | 75,0 | 08 | 11 46 |
| 13 Tafahi | 07 | 06 | 30 | 63,0 | 07 | 03 06 | 62,3 | 08 | 07 16 |
| 14 Tofua | 07 | 15 | 30 | 71,5 | 07 | 15 30 | 71,5 | 08 | 10 58 |

> Times are shown as LOCAL TIME

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WHAT YOU WILL SEE OF THE ECLIPSE IN NUKU'ALOFA – 73,2%