



To RX: 10440 km, 6487 mi, 61 ° Grayline: 2018-06-28 15 : 31 Set
 Reset

Propagation Params

Es: Model:

SSN: Min.TOA: °

Today's Sunrise/Sunset Times (UTC)

	Transmitter		Receiver	
GND	17:46	05:55	10:33	00:31
D	17:21	06:20	10:03	01:01
F	16:48	06:53	09:21	01:43

Transmitter Site

QTH:

Name:

Latitude: [-90..90]

Longitude: [-180..180]

TX antenna:

TX power:

TX mode:

Specials:

Current point:

Receiver Site

QTH:

Name:

Latitude: [-90..90]

Longitude: [-180..180]

RX antenna:

Noise level:

[Online Help](#)RUSSIAN: [VOACAP Онлайн: Прогноза прохождения для частот 3-30 МГц](#)**Instructions:**

The 24-hour circular wheel above shows predictions for all HF amateur radio bands. Hover the mouse over the wheel for prediction details. For more advanced predictions, click on the "All-year grayline", "All-year prediction", or "1-month prediction" button.

- VOACAP Online knows the predicted monthly SSN values. Therefore DO NOT set any value for SSN, unless you want to experiment. After you have entered a value in any of the fields, press the TAB key instead of ENTER.
- If in doubt, [read the User Manual](#) (May 1, 2017 Edition).
- Transmitter Site (**TX**) = Your Station (red) and Receiver Site (**RX**) = DX Station (blue). Drag the markers on the map to the desired locations. Double-click the markers to swap TX and RX.
- **The red circle** along the short-path/long-path great-circle line shows the half-way point between the Transmitter site and the Receiver site.
- The red line between the markers shows the great-circle path (short-path). You can also choose long-path. Zoom the map in/out with the mouse wheel.
- Choose the year & month, TX and RX antennas and TX power.

More on [VOACAP HF propagation predictions](#)**Acknowledgements**

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© 2010-2018 Jari Perkiömäki (OH6BG), James Watson (HZ1JW) and Juho Juopperi (OH8GLV). **Questions or suggestions?** Write to [our Helpdesk](#).