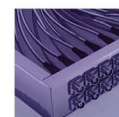




# Azimuth/elevation angle

## Türksat 42° East

| City            | Location      |           | Türksat  |        |
|-----------------|---------------|-----------|----------|--------|
|                 | geogr. coord. |           | 42° East |        |
|                 | Latitude      | Longitude | Az / °   | El / ° |
| Bad Reichenhall | 47.7          | 12.9      | 143.0    | 28.4   |
| Berlin          | 52.5          | 13.4      | 145.4    | 24.4   |
| Bremen          | 53.1          | 8.8       | 140.7    | 22.2   |
| Cottbus         | 51.8          | 14.3      | 146.3    | 25.5   |
| Dortmund        | 51.5          | 7.5       | 138.7    | 22.9   |
| Dresden         | 51.1          | 13.7      | 145.3    | 25.9   |
| Emden           | 53.4          | 7.2       | 139.1    | 21.3   |
| Erfurt          | 51.0          | 11.0      | 142.3    | 24.8   |
| Flensburg       | 54.8          | 9.5       | 142.0    | 21.0   |
| Frankfurt/Main  | 50.1          | 8.7       | 139.1    | 24.5   |
| Freiburg/BaWü   | 48.0          | 7.8       | 137.7    | 25.9   |
| Göttingen       | 51.2          | 9.9       | 141.3    | 23.9   |
| Greifswald      | 54.1          | 13.4      | 146.1    | 23.1   |
| Hamburg         | 53.6          | 10.0      | 142.2    | 22.2   |
| Hannover        | 52.4          | 9.8       | 141.4    | 23.1   |
| Kassel          | 51.3          | 9.4       | 140.8    | 23.9   |
| Kiel            | 54.3          | 10.1      | 142.5    | 21.7   |
| Koblenz         | 50.3          | 7.5       | 138.4    | 23.8   |
| Leipzig         | 51.3          | 12.4      | 144.0    | 25.1   |
| Lübeck          | 53.9          | 10.7      | 143.0    | 22.2   |
| Magdeburg       | 52.1          | 11.6      | 143.4    | 24.1   |
| München         | 48.1          | 11.6      | 141.8    | 27.5   |
| Neubrandenburg  | 53.6          | 13.3      | 145.8    | 23.5   |
| Nürnberg        | 49.5          | 11.1      | 141.8    | 26.1   |
| Osnabrück       | 52.3          | 8.1       | 139.7    | 22.5   |
| Passau          | 48.6          | 13.5      | 144.1    | 27.9   |
| Plauen          | 50.5          | 12.1      | 143.3    | 25.7   |
| Ravensburg      | 47.8          | 9.6       | 139.4    | 26.9   |
| Regensburg      | 49.0          | 12.1      | 142.7    | 27.0   |
| Rostock         | 54.1          | 12.1      | 144.6    | 22.6   |
| Schwerin        | 53.6          | 11.4      | 143.7    | 22.8   |
| Stuttgart       | 48.8          | 9.2       | 139.4    | 25.9   |
| Trier           | 49.8          | 6.7       | 137.2    | 23.9   |
| Ulm             | 48.4          | 10.0      | 140.1    | 26.5   |



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