

Balloon Flight B-45, 11 April 2014

Long duration flight from UK to India via Atlantic ocean and Africa.
Last reported position was over India right before Himalayas.

Qualatex 90cm foil party balloon.

Payload weight - 12 grams.

Downlink mode - 434.500MHz USB Contestia 8/250 and APRS on 144.800MHz FM

Launch time 11 April 2014 15:20 UTC

Last known position point 19 April 2014 11:19 UTC over New Delhi, India

Last recorded flight time is 188 hours.

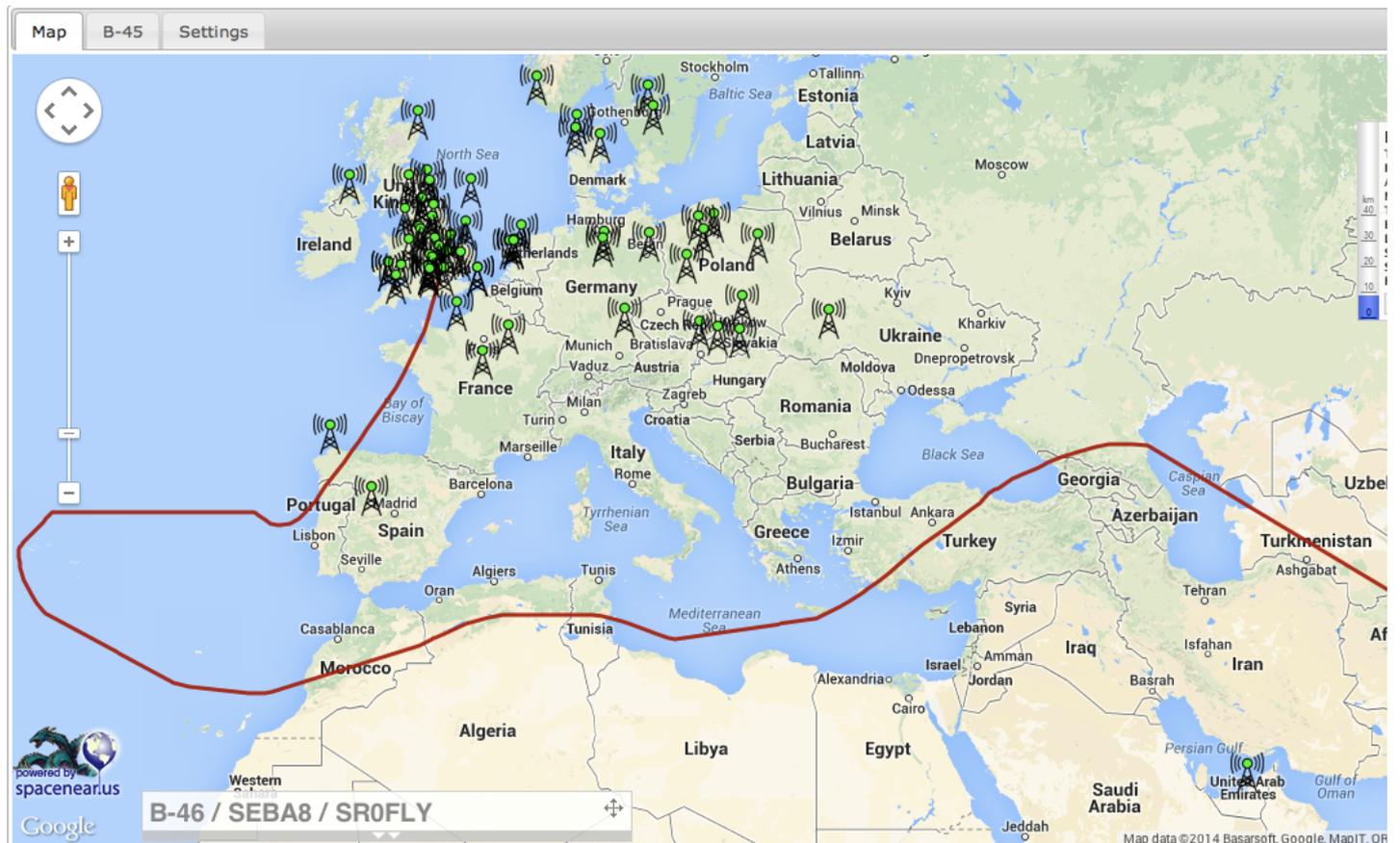
Great circle distance between launch and last known position 6702km.

Big thanks to everyone who helped tracking the balloon! And to Sandeep Baruah, VU2MUE for receiving the last position over New Delhi on his portable radio: [VU2MUE 1](http://www.vu2mue.com)
[VU2MUE 2](http://www.vu2mue.com)

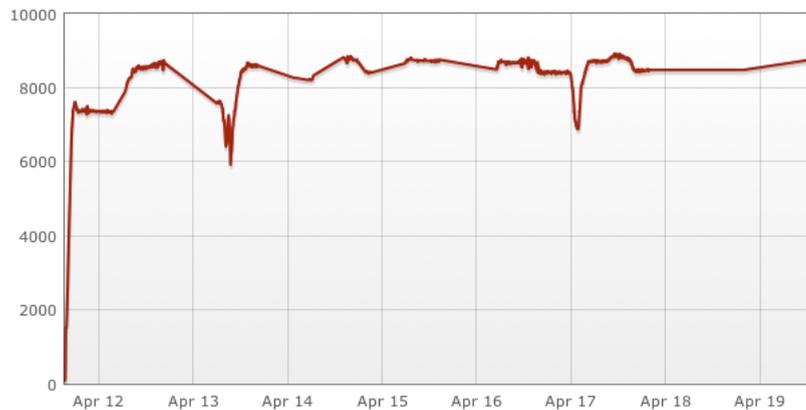
B-45 balloon has flown through the following countries:

-  United Kingdom
-  France
-  Spain
-  Portugal
-  Azores (Portugal)
-  Gran Canaria (Spain)
-  Morocco
-  Algeria
-  Tunisia
-  Greece
-  Turkey
-  Georgia
-  Russia
-  Kazakhstan
-  Turkmenistan
-  Afghanistan
-  Pakistan
-  India

Flight path:



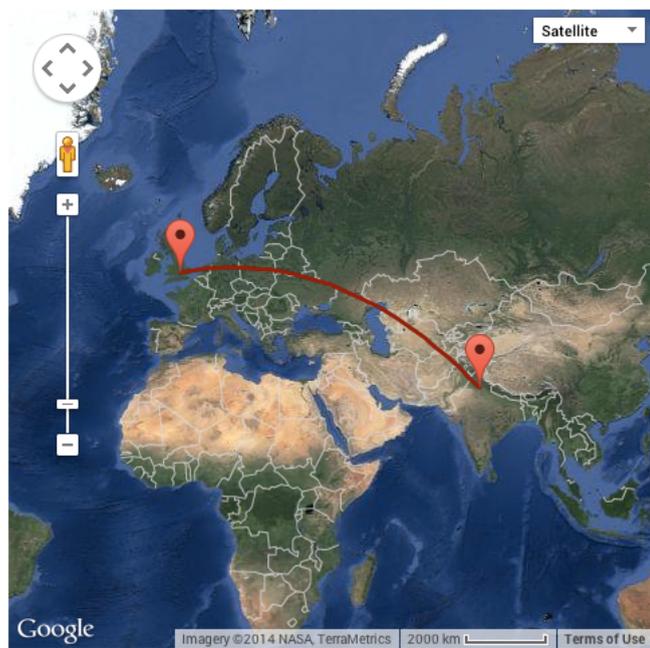
Flight profile:



Great circle distance:

Point 1: 52.09538 , -1.02252 Distance: **6702 km** (to 4 SF^m)
Point 2: 29.446 , 77.3341 Initial bearing: **079°09'30"**
Final bearing: **136°08'26"**
Midpoint: **47°45'55"N, 046°10'00"E**

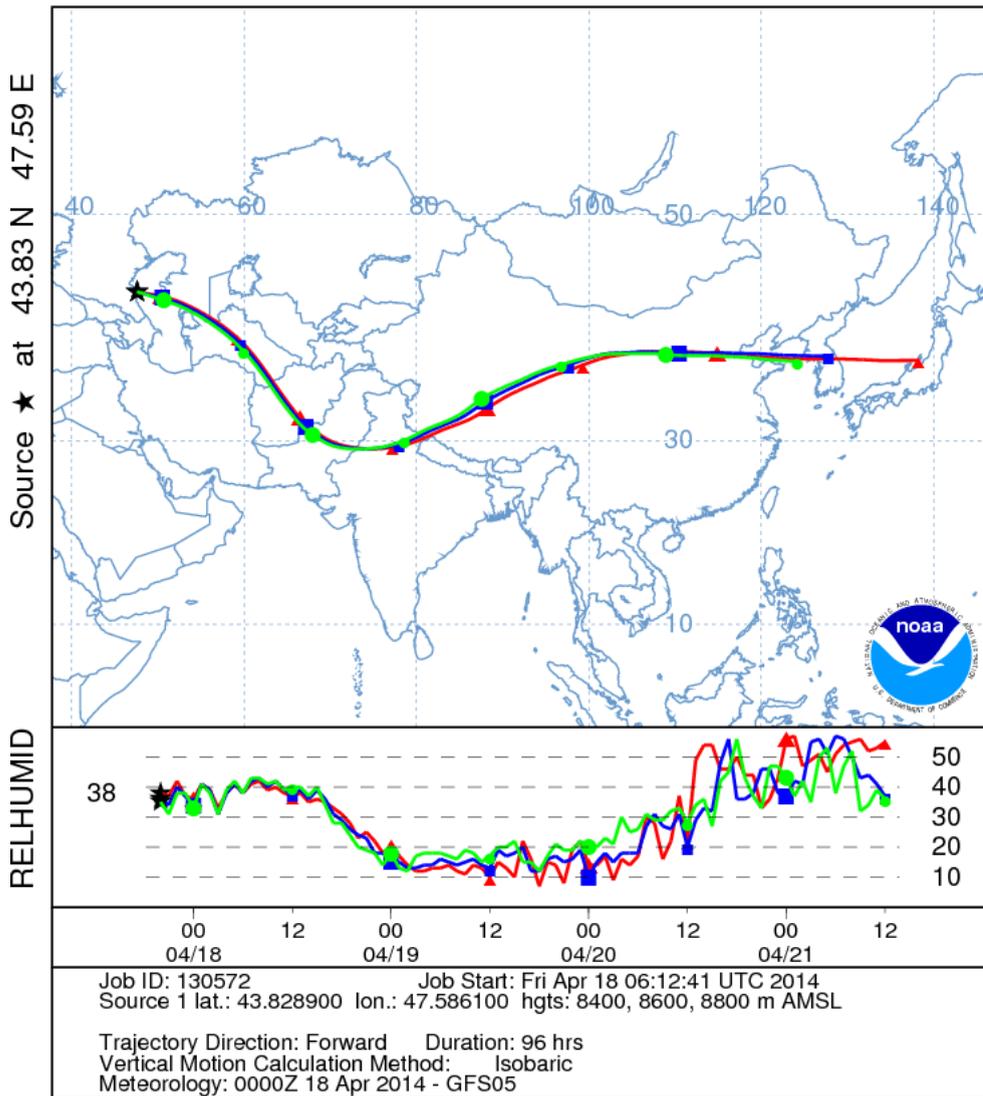
... hide map



Predicted path:

NOAA HYSPLIT MODEL

Forward trajectories starting at 2000 UTC 17 Apr 14 00 UTC 18 Apr GFSG Forecast Initialization



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