

CASE OF THE MISSING SHIP

(for use with ArcVoyager Level 2 "Viewing World Snapshots: Show Me")

FROM: Decoding Room

TO: Cartography Room

MESSAGE:

Word is that the ship went down somewhere around Planet Earth, on June 1, 1995. We have images from the day, plus information about the nature of the planet. Because of the secrecy of the mission, the message was in code, some of which has been destroyed. Much of the message was in the format of a story. We have been able to reconstruct and interpret the following information. Some of the messages are complete, others not.

(The messages are presented here in no special order, just numbered for your reference.)

1. The site is on land.
2. There were significant clouds overhead on that day.
3. Nearby elevations are less than 1000 meters.
4. There are no large lakes nearby. However, there is a fairly large river nearby. The river flows downstream a short distance to a city whose name begins with "Port", but the rest of the name is uncertain.
5. Records indicate that the January temperature is around 25 degrees Celsius, perhaps a little higher, perhaps a little lower. Data indicate that, on the day of the ship's disappearance in June, the site was between 20 and 30 degrees Celsius.
6. In an image that came back from just before the ship disappeared, the land appears forested.
7. There seems to be a small but noticeable fault right nearby, but not closely associated with a network of faults. Earthquakes and volcanoes do not seem to be a local problem.
8. There seems to be a national border right at the site. This may be why we have been unable to locate our ship. The countries seem to have different economic conditions, or at least different in productivity.
9. There was just a little precipitation on that day.

We can send a search team to no more than two sites on the whole planet. If you can determine the latitude and longitude of one site with all these features, please write that information here.

LAT_____, LONG_____

Chief

Lost ship at junction of Madre de Dios river and border of Bolivia and Brazil, upstream of Porto Velho
Nine point eight south and sixty-five point one west