

JAPAN EARTHQUAKE

1. The Earthquake [Complete the sentence]

1. The earthquake had magnitude _____.
2. Strong ground motion was _____.
3. The most significant primary motion for this event was _____.
4. There were _____ hours of shaking that exceeded the maximum level recorded here.
5. Seismogram indicates that there was no evidence of another quake occurring immediately after the main shock.

2. The Tsunami [Answer the questions]

1. What type of tsunami emerged off-shore? _____

2. What is the expected tsunami height for the long-term?

3. How far has the water travelled?

4. How far did the tsunami travel inland before it reached the buildings?

3. The Seismologist's statement

1. What information did you have to consider to describe the seismic activity experienced?

2. How do you believe the seismic activity may affect the power stations in Japan?

3. Are you highlighting Prime Minister Abe's offer to ban new powerplants?

4. The Fukushima nuclear plant

1. What is nuclear fission?

2. How many reactors were running at the nuclear plant when the quake hit?

3. What caused the failure of the back-up generators? (According to the Japanese government)

4. What power losses of equipment occurred as soon as all the reactors?

5. The world is watching the disaster's aftermath

1. What country is closest to Japan?

2. What is the most important thing Japan will have to do going forward?

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