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| **Cornell Notes** | **Topic/Objective: Catastrophic Events** | | **Name:** |
|  | | **Class/Period:** |
|  | | **Date: 12/08/15** |
| **Essential Question: What effects do catastrophic events have on living systems?** | | | |
| **Questions:** | | **Notes:** | |
|  | | An \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | | with sustained winds of at least \_\_\_\_\_\_\_ mph and a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ . | |
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|  | | Conditions for formation: | |
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|  | | Hurricanes produce damaging \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ and storm surges. | |
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|  | | High winds cause \_\_\_\_\_\_\_\_\_\_\_\_\_ damage, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | |
|  | |  | |
|  | | A storm surge is an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rise of water generated by a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, | |
|  | | over and \_\_\_\_\_\_\_\_\_\_\_\_\_ the predicted \_\_\_\_\_\_\_\_\_\_\_\_\_\_. | |
|  | | * causes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | |
|  | | * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ islands take the | |
|  | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the storm surge. | |
|  | | * Sediment erosion and deposition often affect: | |
|  | | * \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in lakes, streams, and wetlands change | |
|  | | ecosystems | |
|  | | * + EX. | |
|  | | * kills tree species that are \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of salt water | |
|  | | * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (e.g. chemicals used to treat crops or solid and liquid | |
|  | | wastes) are transported into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | |
|  | |  | |
|  | | Occur during \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_, when rivers \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, when | |
|  | | ocean \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ come onshore, when snow \_\_\_\_\_\_\_\_\_\_\_\_ too fast, or when dams | |
|  | | or levees \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | |
|  | | \*Most common of all natural hazards. | |
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| **Questions:** | | **Notes:** | |
|  | | Floods are important in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | |
|  | | * Floods are important in maintaining \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | | * Expand habitats for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ . | |
|  | | Recharge (replenishment) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | |
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|  | | Flood-management practices have affected floodplains and the nature of flooding by: | |
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|  | | Significant \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can lead to more frequent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ if not repaired | |
|  | | Water pollution happens when: damaged \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ release raw | |
|  | | sewage and damaged buildings can be a source of\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ materials. | |
|  | | Animals during Floods: | |
|  | | * forces many wild animals from their \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | | * domestic animals left without \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | | * large amounts of\_\_\_\_\_\_\_\_\_\_\_ water lead to an increase in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | |  | |
|  | | A rotating \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_\_\_\_\_ reaching from a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | | to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_. | |
|  | | * The most violent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can have \_\_\_\_\_\_\_\_\_\_\_\_ up to \_\_\_\_\_\_\_mph. | |
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|  | | Trees are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | |
|  | | * Open forest \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to sunlight | |
|  | | * Fallen trees offer \_\_\_\_\_\_\_\_\_\_\_\_\_\_ for small \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
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|  | | How does the tornado in a bottle model an actual tornado? | |
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| **Summary:** | | | |
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