**Data Practice Worksheet for Hurricane Alert!—Teacher page**

**Team \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Storm # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hurricane \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Advis.**  | **Time** | **Lat. Degrees****North** | **Long.****Degrees****West** | **Air****Press.****(mb)** | **Wind** **Speed knots/** **mph**  | **Cat.** | **Direction****Speed** | **Breakpoint****Cities** | **Distance to Cities****(miles)** | **ETA** **to** **Breakpoint cities** |  **Rec.****Watch/****Warning** |
| 1 | 0300 |  |  |  | 60/*69* |  | 179 miles*÷6=**29.8mph* | San Juan | 324  | 324*÷29.8=**11 hrs.*  |  |
| Port-au-Prince | 526 | 526*÷29.8=**18 hrs* |  |
| Kingston | 578 | 578*÷29.8=**19 hrs* |  |
| 2 | 0900 |  |  |  | 87/*100* |  | 145 miles*÷6=**24.2mph* | Miami | 356 | 356*÷24.2=**15 hrs* |  |
| Key West | 365 | 365*÷24.2=**15 hrs* |  |
| Havana | 398 | 398*÷24.2=**18 hrs* |  |
| 3 | 1500 |  |  |  | 143/*164* |  | 168 miles*÷6=**28mph* | New Orleans | 434 | 434*÷28=**15.5 hrs* |  |
| Corpus Cristi | 602 | 602*÷28=**21.5* |  |
| Brownsville | 598 | 598*÷28=**21 hrs* |  |
| 4 | 2100 |  |  |  | 131/*151* |  | 79 miles*÷6=**13.2mph* | Mobile | 410 | 410*÷13.2=**31 hrs* |  |
| Baton Rouge | 343 | 343*÷13.2=**26 hrs* |  |
| Galveston | 414 | 414*÷13.2=**31 hrs* |  |

**Note:** Although it is not math practice, you may want the students to practice categorizing the storm’s wind speeds on the Saffir-Simpson Hurricane Wind Speed scale. Answers are included here for your convenience.