

PS : ES Hurricane Isaac (August 2012)
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(Original activity by S. Kluge)

Name _____

Period _____

Some NOAA advisories for Hurricane Isaac from 24 August to 30 August are listed below:

ADV	LAT	LON	TIME	WIND	PR	STAT
14	16.3	-70.8	08/24/15Z	50	1000	TROPICAL STORM
15	17.2	-71.9	08/24/21Z	55	994	TROPICAL STORM
16	17.7	-72.5	08/25/03Z	60	990	TROPICAL STORM
17	19	-73.3	08/25/09Z	50	992	TROPICAL STORM
18	20.1	-74.6	08/25/15Z	50	998	TROPICAL STORM
19	21.3	-76	08/25/21Z	50	997	TROPICAL STORM
20	22.1	-77.2	08/26/03Z	50	997	TROPICAL STORM
21	23.1	-79	08/26/09Z	55	995	TROPICAL STORM
22	23	-80.8	08/26/15Z	55	995	TROPICAL STORM
23	24.2	-82.3	08/26/21Z	50	992	TROPICAL STORM
24	24.2	-82.9	08/27/03Z	55	993	TROPICAL STORM
25	25.2	-84.2	08/27/09Z	55	990	TROPICAL STORM
26	26.1	-85.3	08/27/15Z	55	988	TROPICAL STORM
27	26.4	-86.2	08/27/21Z	60	981	TROPICAL STORM
28	27.1	-87	08/28/03Z	60	979	TROPICAL STORM
29	27.5	-88.1	08/28/09Z	60	977	TROPICAL STORM
30	28.1	-88.5	08/28/15Z	60	976	TROPICAL STORM
31	28.7	-89.2	08/28/21Z	70	975	HURRICANE-1
32	29	-89.7	08/29/03Z	70	968	HURRICANE-1
33	29.2	-90.5	08/29/09Z	70	969	HURRICANE-1
34	29.6	-90.7	08/29/15Z	65	972	HURRICANE-1
35	30	-91.1	08/29/21Z	60	975	TROPICAL STORM
36	30.3	-91.2	08/30/03Z	50	980	TROPICAL STORM
37	30.9	-91.6	08/30/09Z	40	983	TROPICAL STORM
38	31.7	-92.1	08/30/15Z	35	987	TROPICAL STORM

1. Write down 3 questions about the data or the data table that you need to have answered in order to understand the data.

1. _____
2. _____
3. _____

2. On the accompanying map, plot the position of Hurricane Isaac at each of the 6 **bold faced** advisories. Label each point with the advisory number, and connect the points with a smooth line.

3. Based upon the data table and/or the map, make and write down 3 observations about Hurricane Isaac.

1. _____
2. _____
3. _____

4. Calculate the forward speed of the storm in knots between Advisory 18 and Advisory 26. Use the back of page 1 to show your work.

