

VE1 2012-2013

Lab Number: \_\_\_\_\_ Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

Use the data to the right of the chart to plot the path of Hurricane Irene. Three plots have been done for you.

| Date (time)           | Category* | Latitude °N   | Longitude °W |
|-----------------------|-----------|---------------|--------------|
| <del>20</del> (7 pm)  | TS        | 15            | 60           |
| <del>21</del> (8 pm)  |           | 18            | 65           |
| <del>22</del> (5 am)  | H1        | 19            | 67           |
| <del>22</del> (8 pm)  | H2        | 20            | 69           |
| <del>23</del> (8 pm)  |           | 21            | 72           |
| <del>24</del> (8 am)  | H3        | 22            | 73           |
| <del>25</del> (2 am)  |           | 24            | 76           |
| <del>26</del> (5 am)  | H2        | 29            | 77           |
| <del>27</del> (3 am)  | H1        | 34            | 76.5         |
| <del>27</del> (5 pm)  |           | 36            | 76           |
| <del>28</del> (8 am)  |           | 40            | 74           |
| <del>28</del> (9 am)  | TS        | New York City |              |
| <del>28</del> (11 am) |           | 41            | 74           |
| <del>28</del> (1 pm)  |           | 45            | 71           |

\*Category: determined by wind speed.

| Wind speed (mph) | Category            |
|------------------|---------------------|
| < 38             | Tropical Depression |
| 39-73            | Tropical Storm      |
| 74-95            | I                   |
| 96-110           | II                  |
| 111-130          | III                 |
| 131-155          | IV                  |
| >155             | V                   |

Answer the questions on the back of this sheet.

