**ASSIGNMENT #3**

**CE4218 Hydrology Tue/Thu – 4:30-5:30PM**

**Engr. Reynaldo P Ramos, PhD**

**DUE DATE: 07 FEBRUARY 2017**

***NOTE: This homework is NOT TO BE PASSED but it should be written in the notebook. It will be checked and graded.***

**INTRUCTIONS:**

1. **Visit the website of PAGASA: Philippine Atmospheric, Geophysical and Astronomical Services Administration, particularly this link:** [**http://www.pagasa.dost.gov.ph/#information**](http://www.pagasa.dost.gov.ph/#information)**.**
2. **Read the following topics as follows:**

* [**Weather Terminologies**](http://www.pagasa.dost.gov.ph/index.php/20-weather/349-definition-description-of-weather-forecast-terminologies)

<http://www.pagasa.dost.gov.ph/index.php/20-weather/349-definition-description-of-weather-forecast-terminologies>

* [**Climate of the Philippines**](http://www.pagasa.dost.gov.ph/index.php/climate-of-the-philippines)

<http://www.pagasa.dost.gov.ph/index.php/climate-of-the-philippines>

* [**Field Station Categories**](http://www.pagasa.dost.gov.ph/index.php/field-station-categories)

<http://www.pagasa.dost.gov.ph/index.php/field-station-categories>

1. **Answer the following questions:**
   1. **What are the cloud conditions? Describe each.**
   2. **What are the rain classifications? Describe each.**
   3. **What are the rainshowers and its characteristics? Describe each.**
   4. **What are the wind Description based from the Beaufort Wind Scale and the Saffir-Simpson Scale?**
   5. **What the most important elements of the Philippine’s weather and climate?**
   6. **Why the southern part of the country, Mindanao very desirable for agriculture and industrial development?**
   7. **What are the different categories of field stations of PAGASA? Describe each.**