

Candidate Name: \_\_\_\_\_

Class	Adm No



## **Preliminary Examination 2008**

### **Pre-university 3**

**H2 GEOGRAPHY 9730**  
**PAPER 1**  
**INSERT**

**9730/1**

Tuesday

16 Sep

3h

#### **INSTRUCTIONS TO CANDIDATES**

Write your name, admission number and class in the spaces at the top of this page and on any separate answer paper used.

Fig. 1 for Question 1  
Volcano Distribution Map of North and South America and the Pacific Ocean

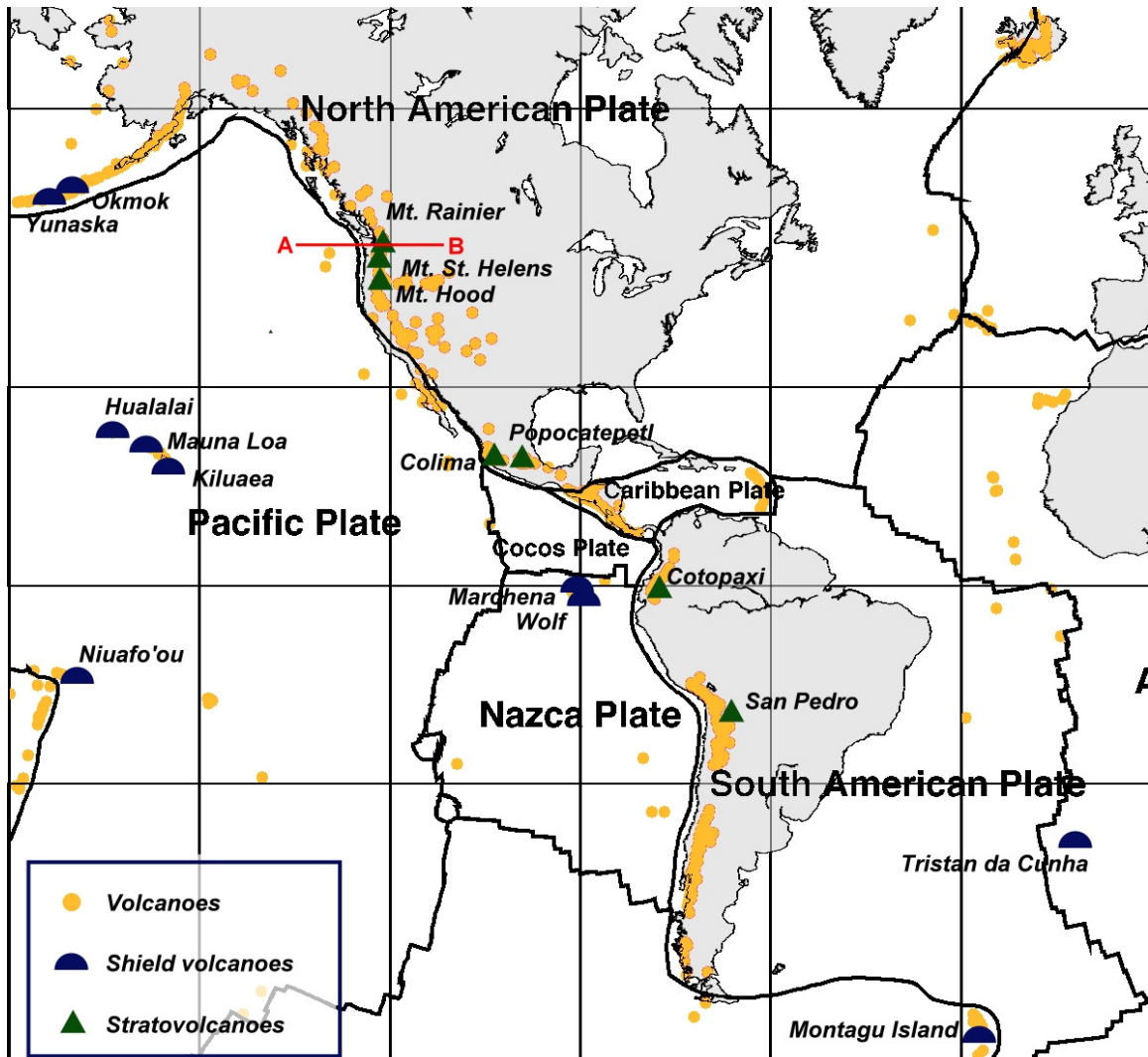


Fig. 2A for Question 2  
Formation of hurricanes over warm tropical oceans

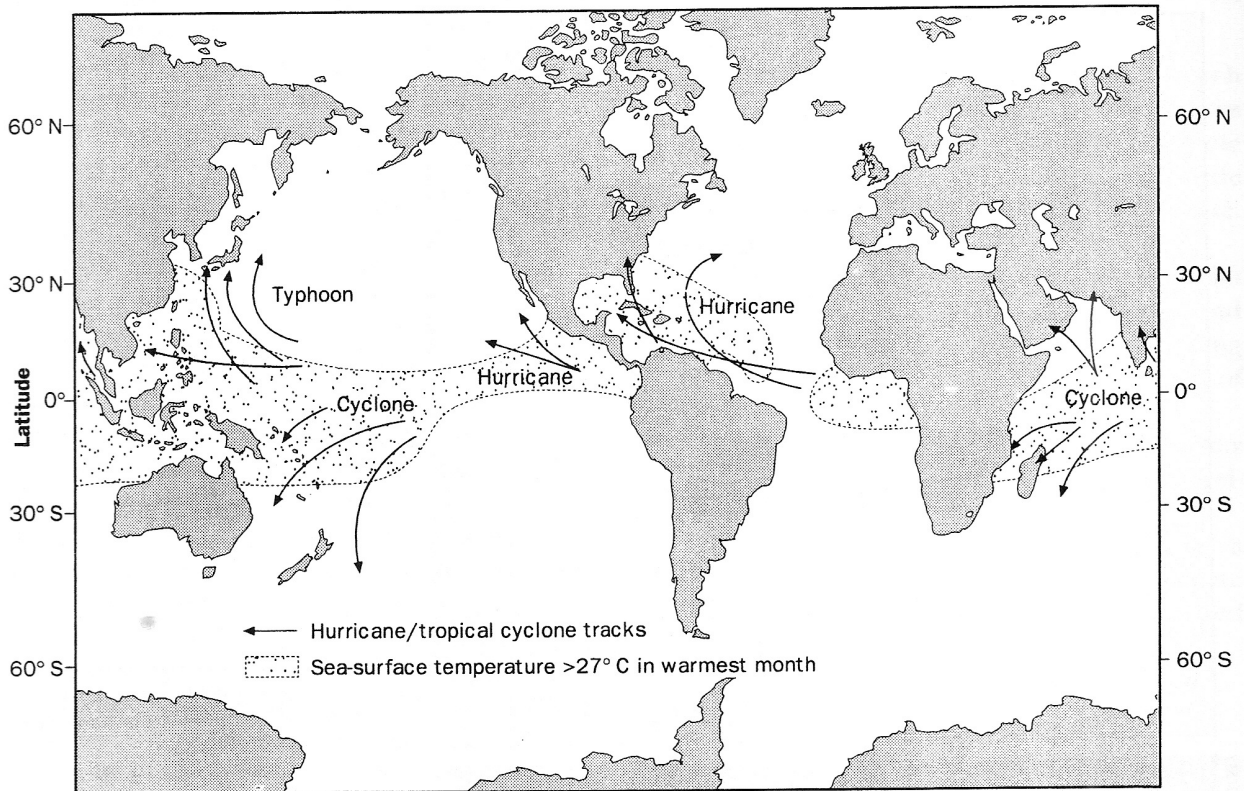


Fig. 2B for Question 2  
Structure of a mature hurricane

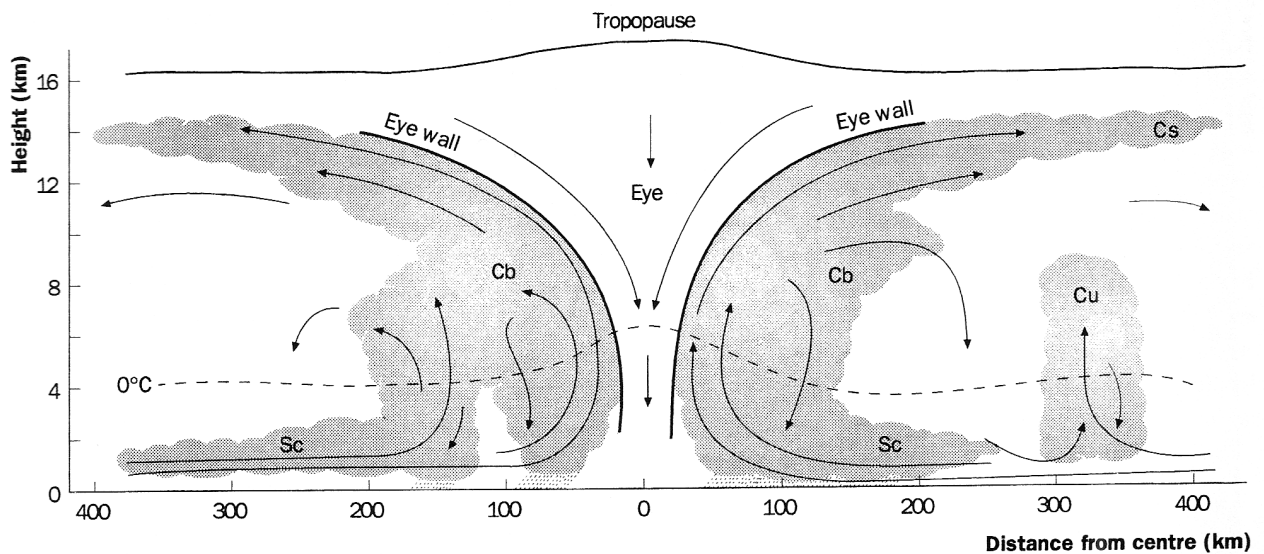
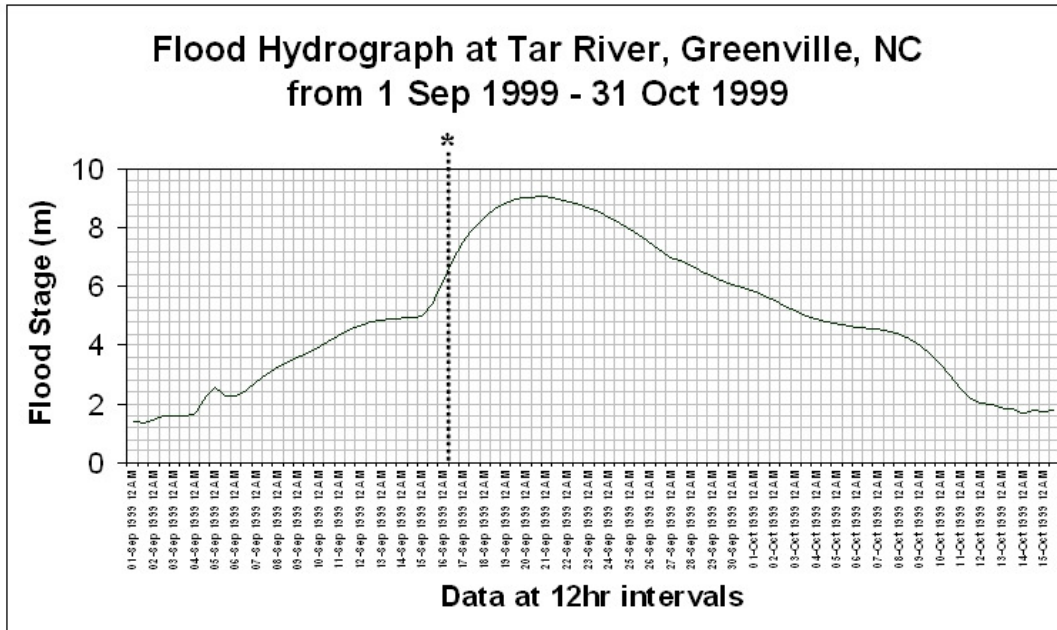


Fig. 3A for Question 3



*\*Hurricane Floyd passed through North Carolina on 16 Sep 1999, with precipitation ranging from 228mm-381mm.*

Fig. 3B for Question 3

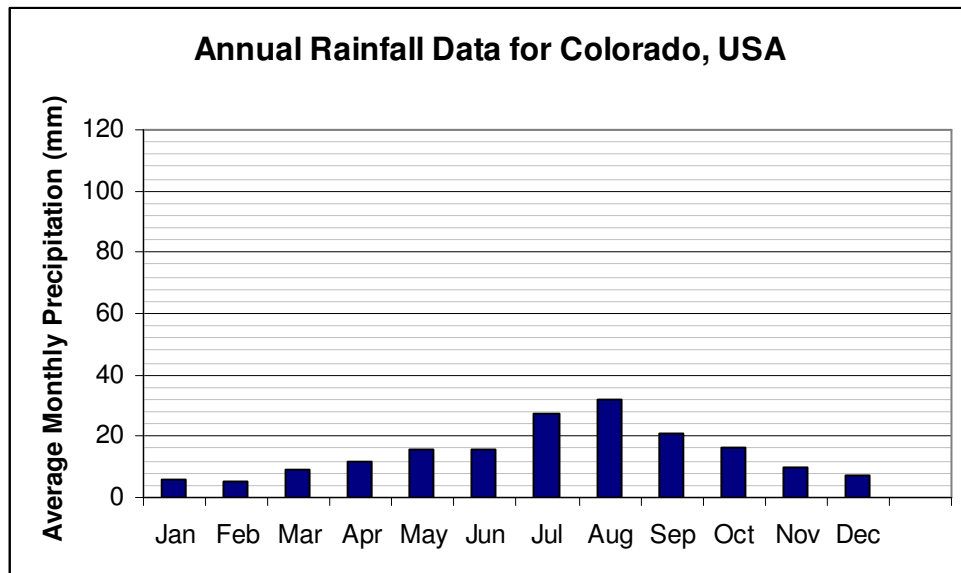
Flood Frequency Data of Tar River at Greenville, NC from 1887 thru 1998

Date	Magnitude	N+1	Stage (m)
28-7-1919	1	113	7.47
6-10-1924	2	113	7.16
7-11-1887	3	113	6.8
22-9-1940	4	113	6.73
25-9-1928	5	113	6.68
8-10-1929	6	113	6
14-5-1958	7	113	5.99
2-9-1908	8	113	5.91
25-9-1945	9	113	5.86
23-3-1975	11	113	5.73
3-2-1937	14	113	5.7
24-8-67	18	113	5.64
28-3-1998	21	113	5.51
19-2-1948	22	113	5.37
8-3-1966	28	113	4.93
3-2-1976	33	113	4.75
6-5-1997	51	113	4.28
13-3-1912	60	113	4.11

## Photograph 4A for Question 4



Fig. 4B for Question 4



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