

GEOLOGICAL INVESTIGATION  
MISSISSIPPI RIVER ALLUVIAL VALLEY  
**DEVELOPMENT OF ALLUVIAL SURFACE**  
SCALE 1:500,000  
OFFICE OF THE PRESIDENT, MISSISSIPPI RIVER COMMISSION  
VICKSBURG, MISS.  
TO ACCOMPANY REPORT OF HAROLD N. FISK, PH.D., CONSULTANT  
DATED LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA.  
R.H.S. - P.R.M. - H.N.F. FILE MRC/2588/2

SUMMARY TABULATION OF COURSES

| EPOCH  | SEA LEVEL | DURATION OF STAGES | STAGES                   | LEGEND  | TRUNK COURSE         | DELTA SYSTEM              |                   |          |
|--------|-----------|--------------------|--------------------------|---|----------------------|---------------------------|-------------------|----------|
|        |           |                    |                          |   |                      |                           |                   |          |
| RECENT | STANDING  | 2000 YRS.          | HISTORIC COURSES         | 20 (1939)<br>19 (1890)<br>18 (1820)<br>17 (1765)  | PRESENT MEANDER BELT | PLAQUEMINES - ST. BERNARD |                   |          |
|        |           |                    | EQUAL TIME STAGES        | 16<br>15<br>14<br>13<br>12<br>11<br>10<br>9<br>8<br>7<br>6<br>5<br>4<br>3<br>2<br>1   |                      |                           |                   |          |
|        |           |                    | UNEQUAL TIME STAGES      | J<br>I<br>H<br>G<br>F<br>E  |                      |                           | COCODRIE          | COCODRIE |
|        |           |                    | UNEQUAL LONG TIME STAGES | D<br>C <sub>2</sub><br>C <sub>1</sub><br>B <sub>3</sub><br>B <sub>2</sub><br>B <sub>1</sub><br>A <sub>3</sub><br>A <sub>2</sub><br>A <sub>1</sub> |                      |                           |                   |          |
|        |           |                    | 3000 YRS.                | RISING SEA LEVEL  |                      |                           | WANING GLACIATION |          |
|        |           |                    |                          |   |                      |                           |                   |          |
|        |           |                    |                          |   |                      | ATCHAFALAYA               |                   | BURIED   |
|        |           |                    |                          |   |                      | YAZOO                     |                   |          |

**ALLUVIAL FANS**

- MISSISSIPPI RIVER
- OHIO RIVER
- ARKANSAS RIVER
- OUACHITA RIVER
- RED RIVER

**UPLANDS**

- INCLUDES RIDGES WITHIN ALLUVIAL VALLEY

**MEANDERING STREAMS POSITION RECONSTRUCTED**

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**BRAIDED STREAMS POSITION GENERALIZED**

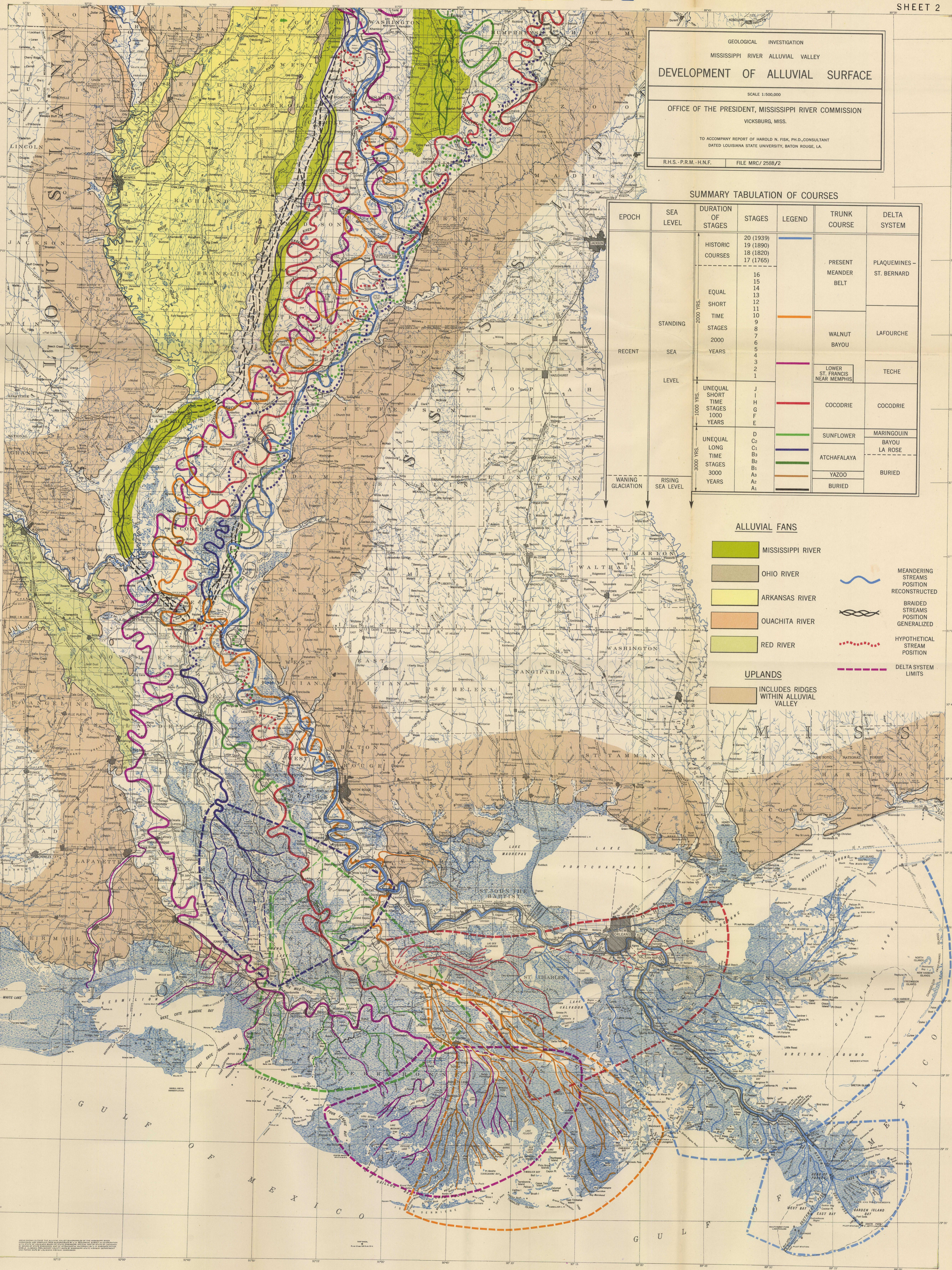
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**HYPOTHETICAL STREAM POSITION**

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**DELTA SYSTEM LIMITS**

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MISSISSIPPI RIVER COMMISSION  
U.S. GEOLOGICAL SURVEY  
WASHINGTON, D. C.