



**Fecha: Septiembre 19 de 2011**

Diseño e Implementación en MATLAB® R2010a: Tomás Echeverri Valencia

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Máxima: 19.47  
 Média: 18.02  
 Mínima: 16.90

The graph displays the water level (Nivel) in centimeters (cm) over a 24-hour period on September 19, 2011. The y-axis represents the water level, ranging from 0 to 80 cm. The x-axis represents the time of day (Hora), from 00:00 to 00:00. The water level remains relatively stable, fluctuating between approximately 20 cm and 25 cm throughout the day. A sharp increase occurs around 18:00, reaching a peak of 80.20 cm. Following the peak, the water level gradually decreases, stabilizing around 30 cm by 00:00. A summary box on the right provides the maximum (Máxima: 80.20), average (Media: 26.77), and minimum (Mínima: 19.10) values.

| Hora  | Nivel (cm) |
|-------|------------|
| 00:00 | 25.00      |
| 06:00 | 23.00      |
| 12:00 | 22.00      |
| 18:00 | 20.00      |
| 19:00 | 80.20      |
| 20:00 | 50.00      |
| 21:00 | 40.00      |
| 22:00 | 35.00      |
| 23:00 | 32.00      |
| 00:00 | 30.00      |