

UNION ELECTRIC COMPANY

Rt. 3, Box 234  
ELDON, MISSOURI 65026

(314) 365-1001

March 10, 1987

Ms. Cynthia Bohn  
Martel Laboratories  
7100 30th Avenue North  
St. Petersburg, Florida 33710

Dear Cynthia:

Enclosed is the copy of the Monthly Averages for levels of the Lake of the Ozarks. I hope they are helpful.

The maximum historical lake level occurred in May of 1943 at Elevation 665.45'. As a comparison, on October 3, 1986 the lake level reached 664.31'. These, however, are very rare. In fact, lake levels above 660.0' are uncommon.

In recent years the minimum lake level was 646.20' in February of 1977. However, due to the terms of our new License, lake levels below Elevation 650.0' will be very rare.

Tours are conducted each day at Bagnell Dam at 8:30, 9:30, 10:30 a.m. and 12:00, 1:00, 2:00, and 3:00 p.m. If your group would have specific questions or would like a special tour please contact me.

Sincerely,

UNION ELECTRIC COMPANY



Alan D. Sullivan, Jr.  
Engineer  
Osage Power Plant

ADS/jmd  
Enclosure

# AVERAGE MONTHLY LAKE STAGES

1962 to 19

From U.S. Weather Bureau Records

Drwg No. 00-342

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	Yearly Aver.
<i>1932-1967</i> 30 YR. AV.	653.9	52.6	52.0	53.1	55.1	56.6	57.1	56.4	55.9	55.6	55.5	54.4	54.8
1962	57.4	57.2	57.1	56.2	55.8	57.5	58.7	57.8	57.5	57.0	56.3	56.4	57.1
63	57.0	56.5	56.2	56.0	56.2	57.4	58.8	56.9	56.0	55.3	54.2	52.6	56.1
64	51.8	51.6	51.9	55.2	55.4	58.3	58.3	54.9	54.9	54.8	<b>54.9</b>	<b>56.4</b>	<b>54.9</b>
1965	56.7	56.6	56.3	56.4	56.0	57.8	59.4	59.0	59.8	57.7	57.3	56.8	57.5
66	57.8	56.7	55.7	55.8	56.1	57.6	54.4	52.9	53.3	54.2	53.5	53.3	55.1
67	53.8	55.8	55.4	56.3	56.5	58.4	60.1	58.5	56.8	57.6	59.4	58.7	57.3
68	56.8	57.4	55.9	56.1	56.4	57.9	58.6	58.6	57.9	57.5	<b>58.7</b>	<b>58.3</b>	<b>57.5</b>
69	<b>58.3</b>	<b>57.8</b>	56.0	56.1	55.9	57.7	59.8	<b>57.4</b>	<b>56.8</b>	<b>59.4</b>	<b>57.1</b>	<b>54.2</b>	<b>57.2</b>
1970	51.7	50.7	51.6	56.5	57.7	58.2	58.3	57.2	56.8	58.5	56.4	54.7	55.7
71	57.4	55.3	54.5	52.4	55.3	57.6	59.6	58.2	56.4	56.9	56.5	57.4	56.4
72	58.0	56.2	55.0	55.0	56.2	55.1	56.1	56.4	55.4	55.7	59.6	57.5	56.3
73	58.6	57.8	58.7	60.0	57.9	58.2	59.2	58.1	56.5	58.9	57.6	59.2	58.4
74	57.0	57.6	57.6	55.1	55.5	57.7	57.0	56.1	58.3	58.2	59.2	58.3	57.3
1975	58.0	58.4	55.2	55.1	55.0	57.1	58.3	57.7	57.8	55.9	54.8	57.6	56.7
76	55.6	55.1	55.1	54.9	54.7	56.5	58.3	57.4	56.6	56.8	54.9	54.0	55.8
Truman → 77	49.9	46.9	48.3	49.5	53.1	57.1	59.3	58.2	57.7	58.2	58.8	58.6	54.6
78	57.4	54.1	55.0	55.6	55.3	56.8	58.0	58.6	58.0	58.2	58.2	57.6	56.9
79	56.2	51.4	54.0	54.7	55.3	56.8	57.8	57.6	57.8	57.1	56.8	56.8	56.0
1980	55.3	52.9	52.7	55.7	55.8	56.9	55.8	55.9	55.9	56.0	56.7	57.2	55.6
81	55.8	54.8	52.0	52.0	54.2	57.9	58.3	57.6	56.9	55.9	57.5	57.2	55.8
82	55.7	54.4	54.3	54.1	56.7	58.9	58.8	58.6	58.6	58.3	58.0	59.3	57.1
83	56.9	54.7	53.6	57.7	59.5	59.4	58.3	56.8	56.7	57.3	59.0	58.4	57.4
84	56.7	54.8	57.2	59.8	59.6	59.0	59.4	57.9	57.0	58.6	59.2	59.3	58.2
1985	58.5	57.1	60.1	59.8	59.3	59.7	59.3	59.1	58.9	58.7	59.2	59.8	59.1
86	58.0	56.6	53.9	54.7	57.0	58.9	59.5	58.8	59.0	60.5	60.0	59.5	58.0
87	58.4												

Note: Add 600 TO EACH READING FOR PROPER ELEVATION