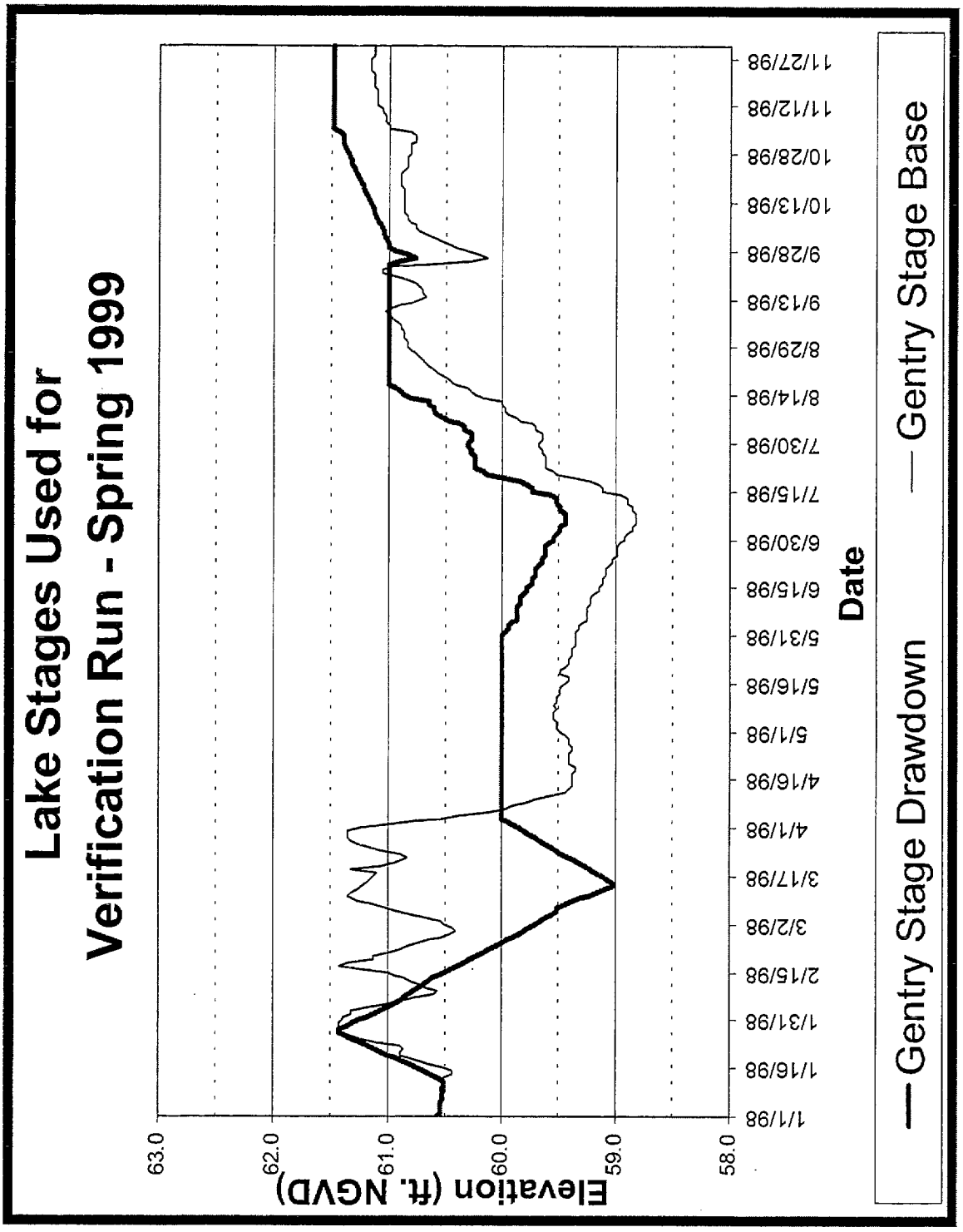
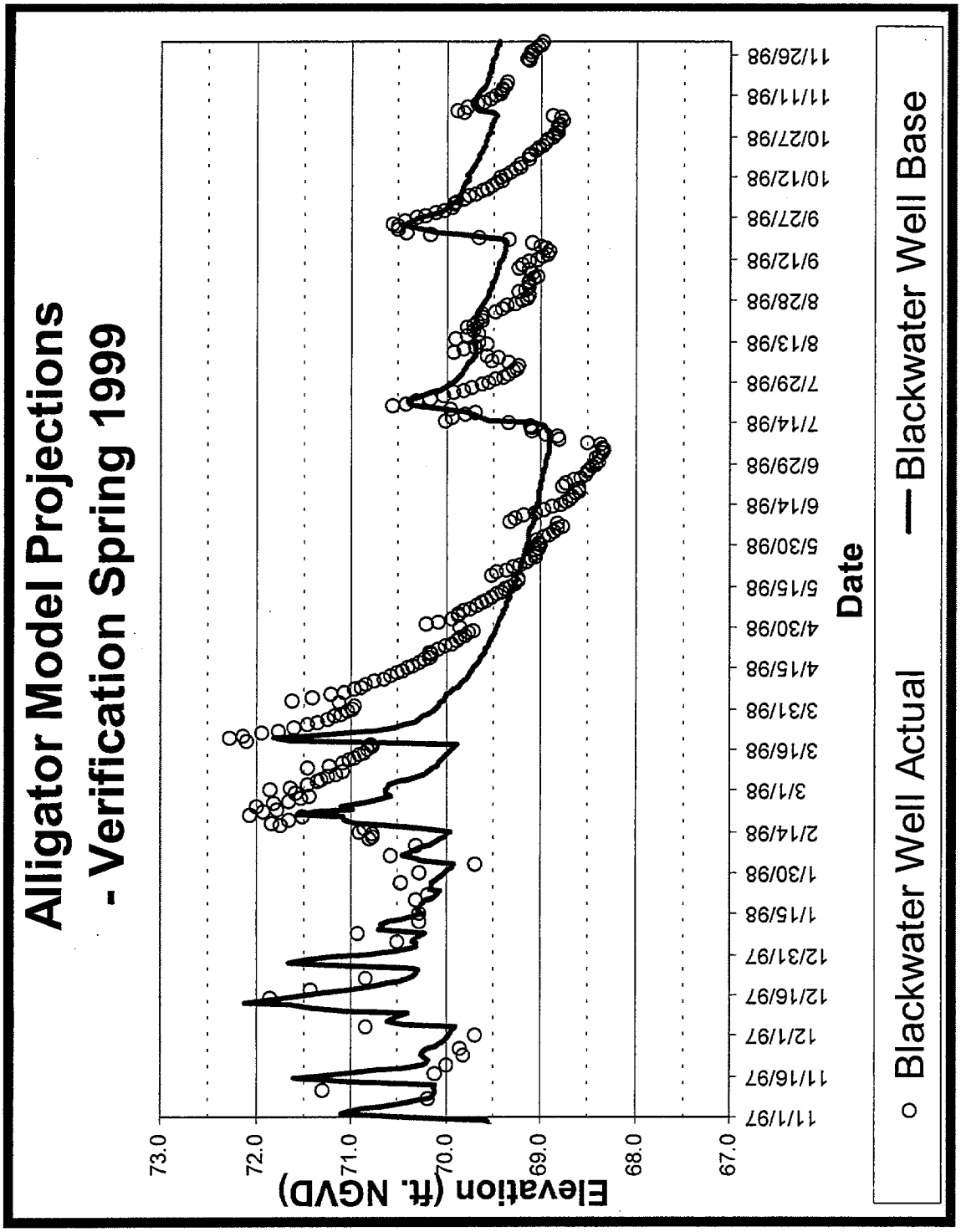
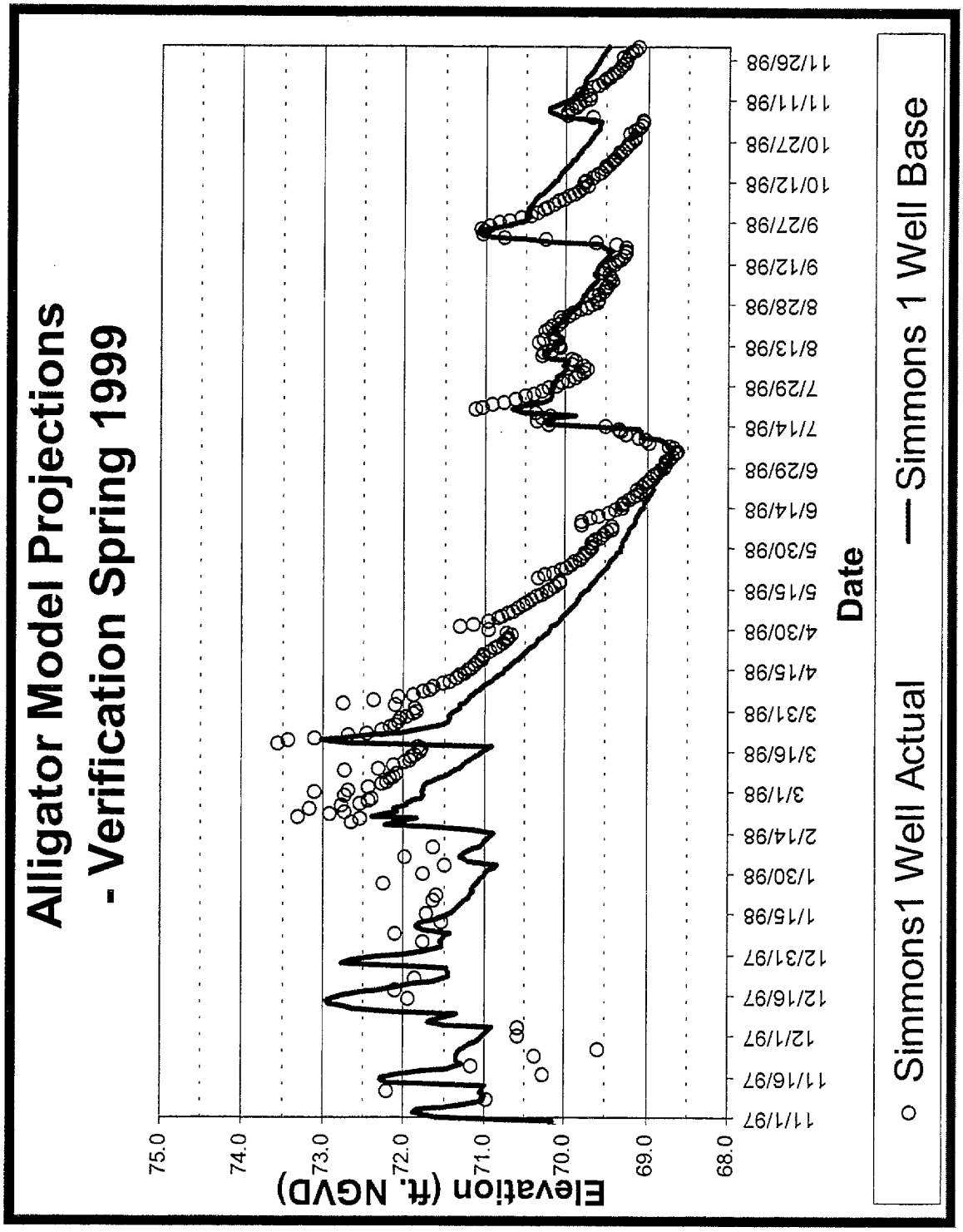
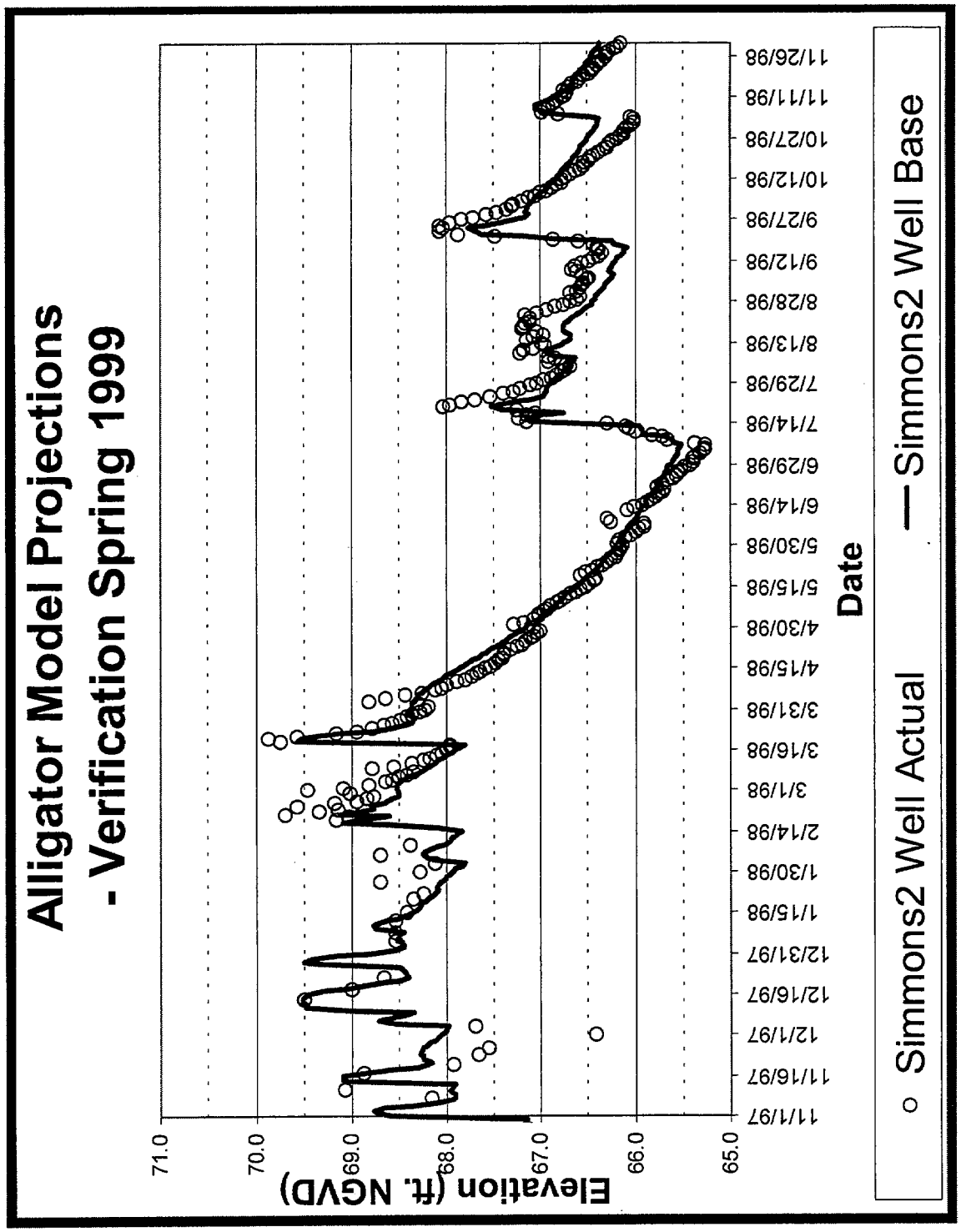
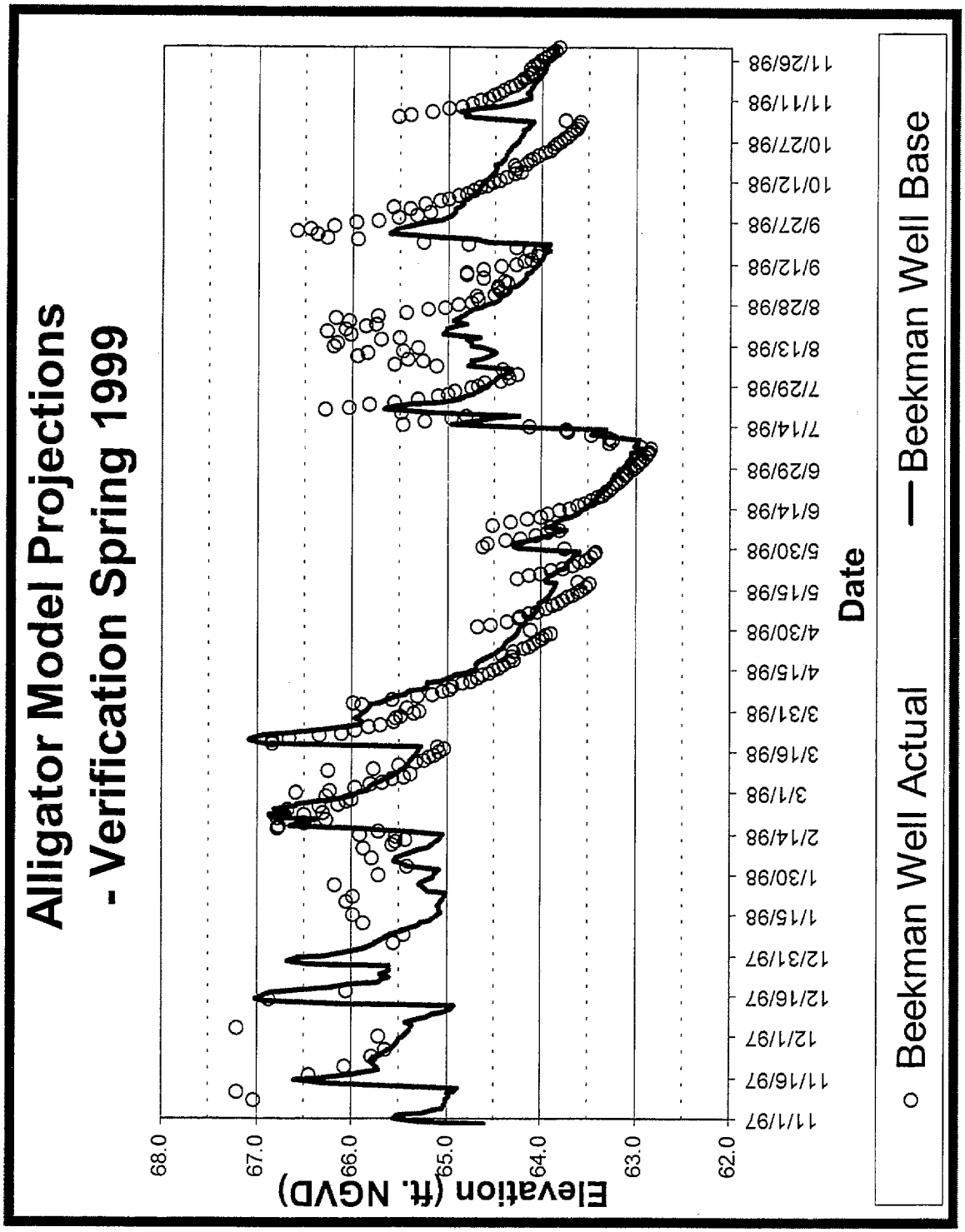
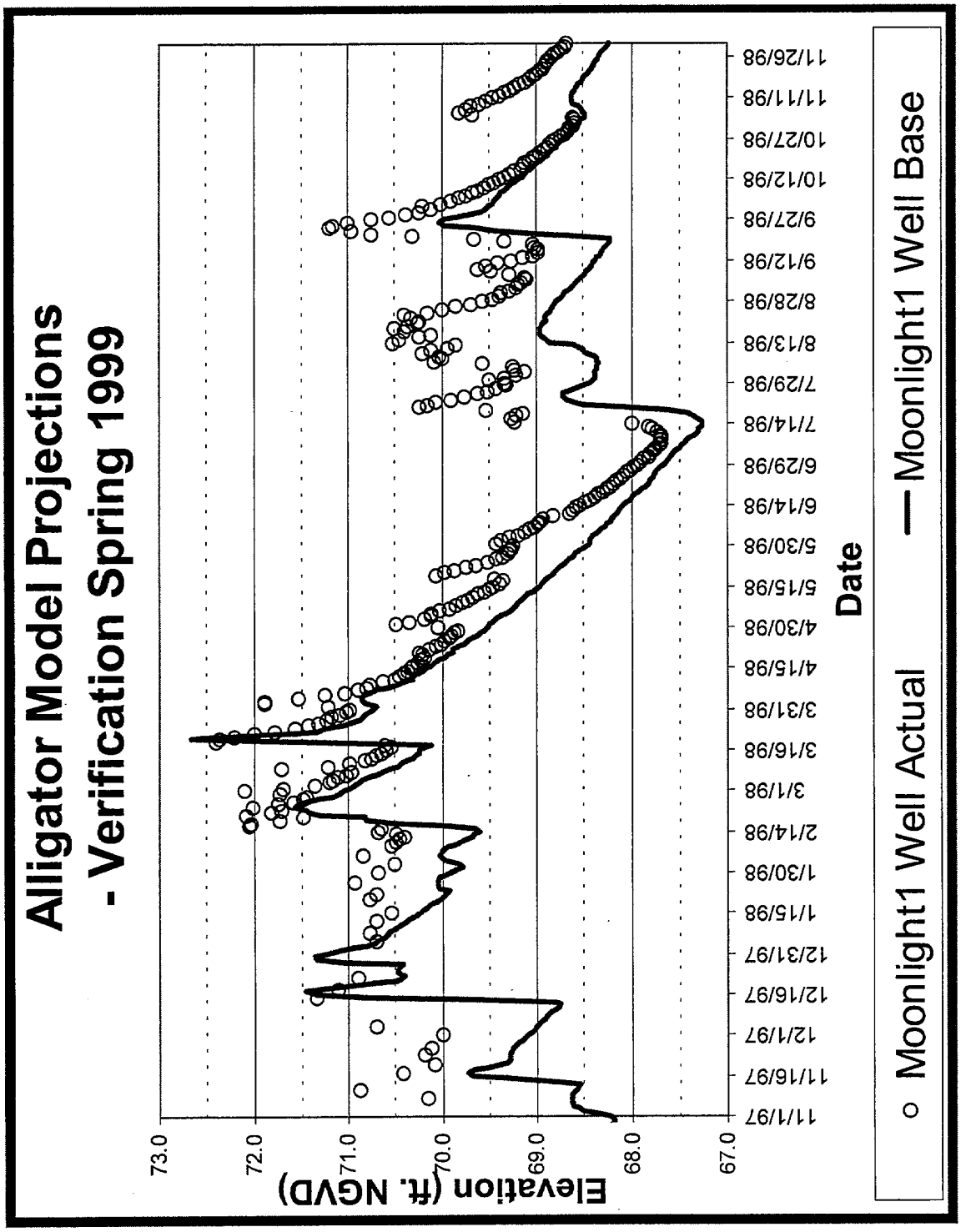

Lake Stages Used for
Verification Run - Spring 1999
Elevation (ft. NGVD)
63.0
62.0
61.0
60.0
59.0
58.0
1/1/98
1/16/98
1/31/98
2/15/98
3/2/98
3/17/98
4/1/98
4/16/98
5/1/98
5/16/98
5/31/98
6/15/98
6/30/98
7/15/98
7/30/98
8/14/98
8/29/98
9/13/98
9/28/98
10/13/98
10/28/98
11/12/98
11/27/98
Date
Gentry Stage Drawdown
Gentry Stage Base

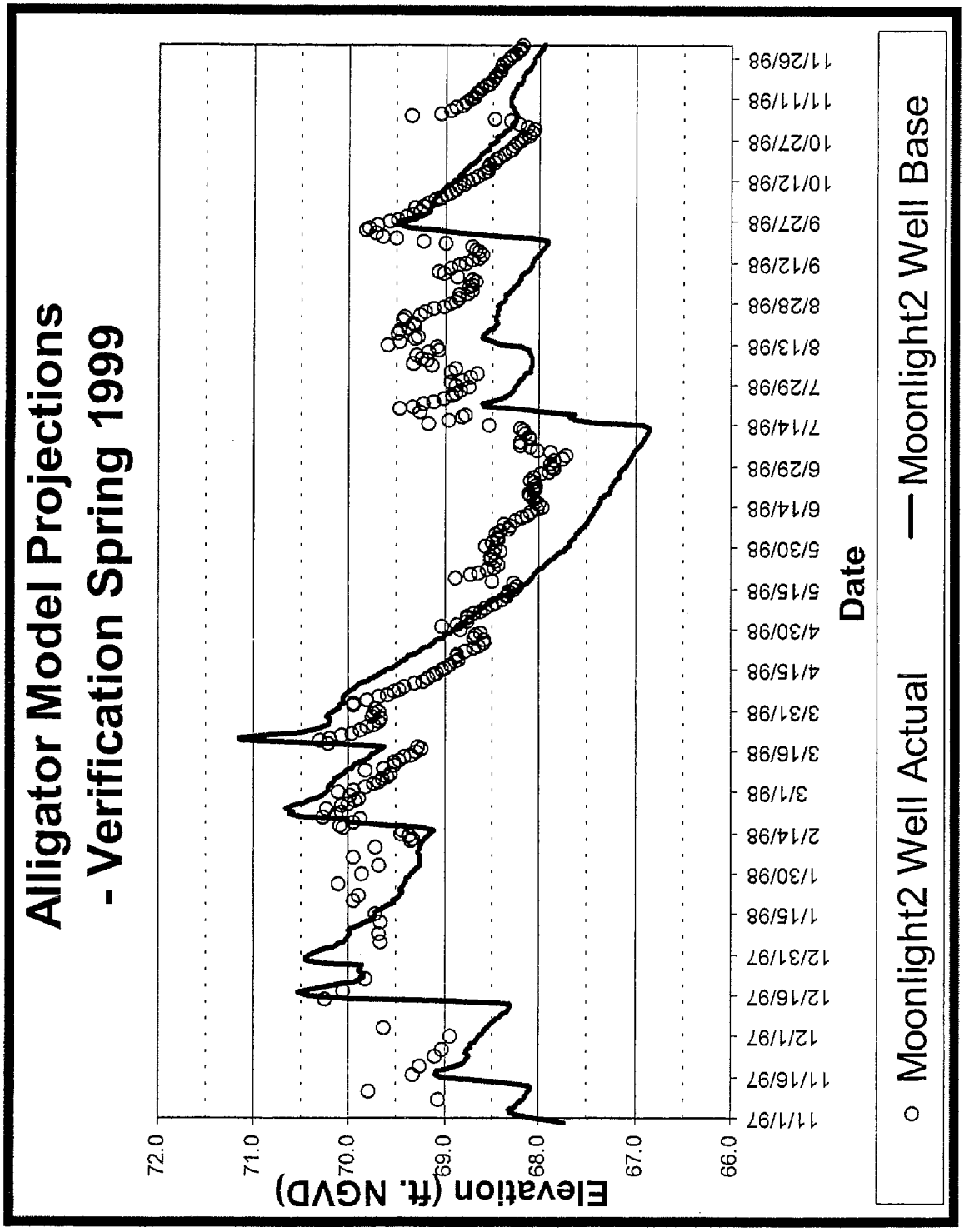

Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
73.0
72.0
71.0
70.0
69.0
68.0
67.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Blackwater Well Actual
Blackwater Well Base

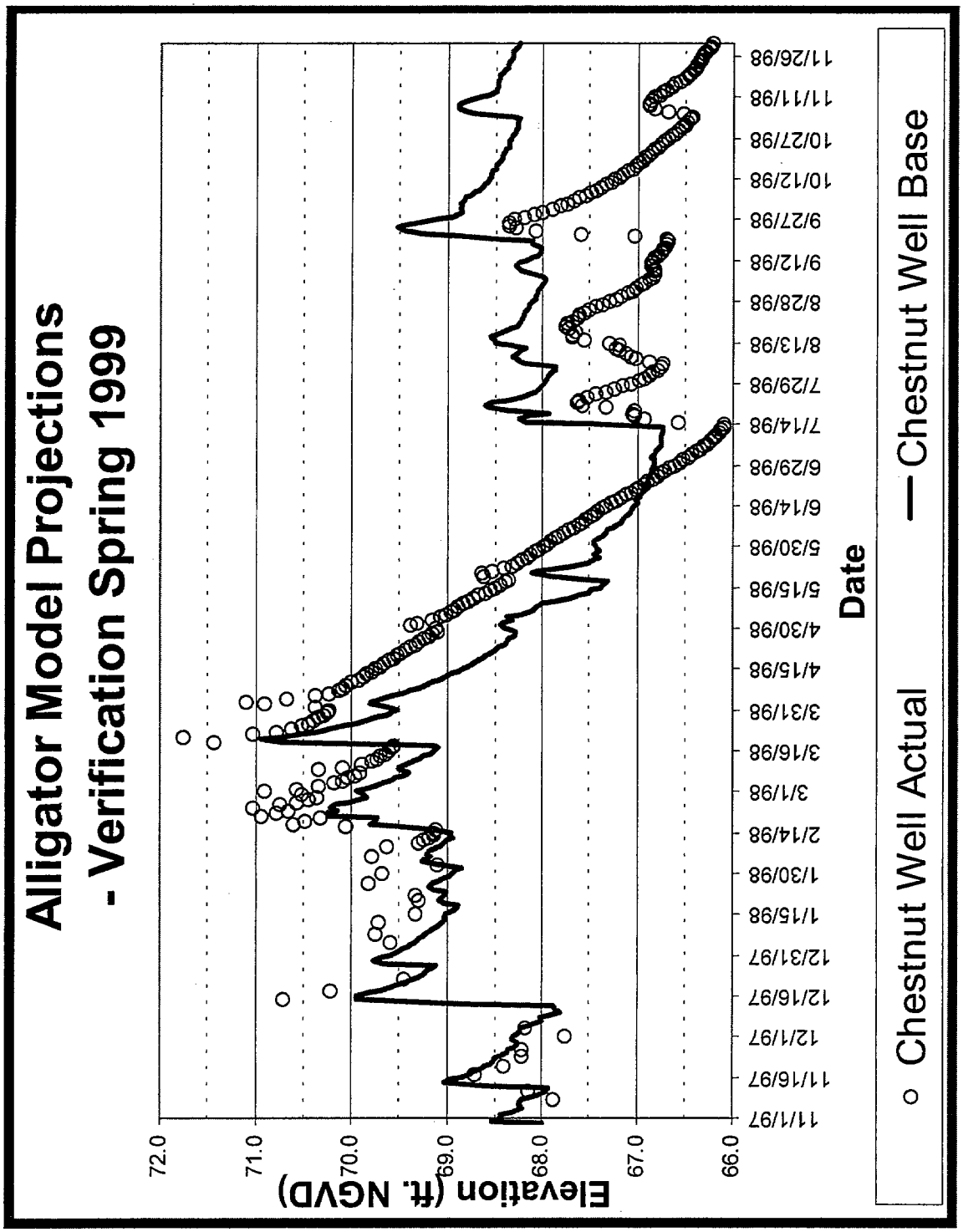

Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
75.0
74.0
73.0
72.0
71.0
70.0
69.0
68.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Simmons1 Well Actual
Simmons 1 Well Base

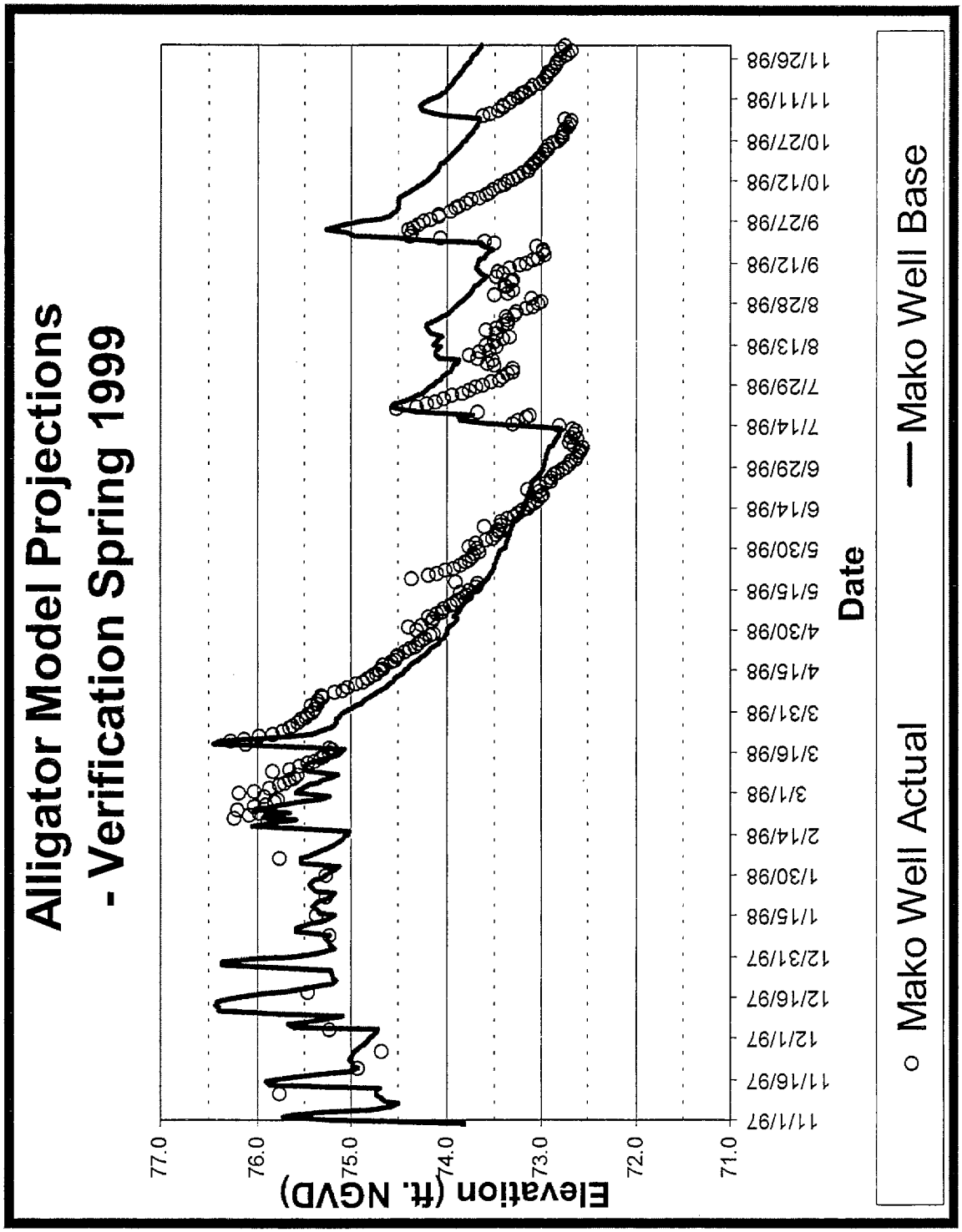

Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
71.0
70.0
69.0
68.0
67.0
66.0
65.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Simmons2 Well Actual
Simmons2 Well Base

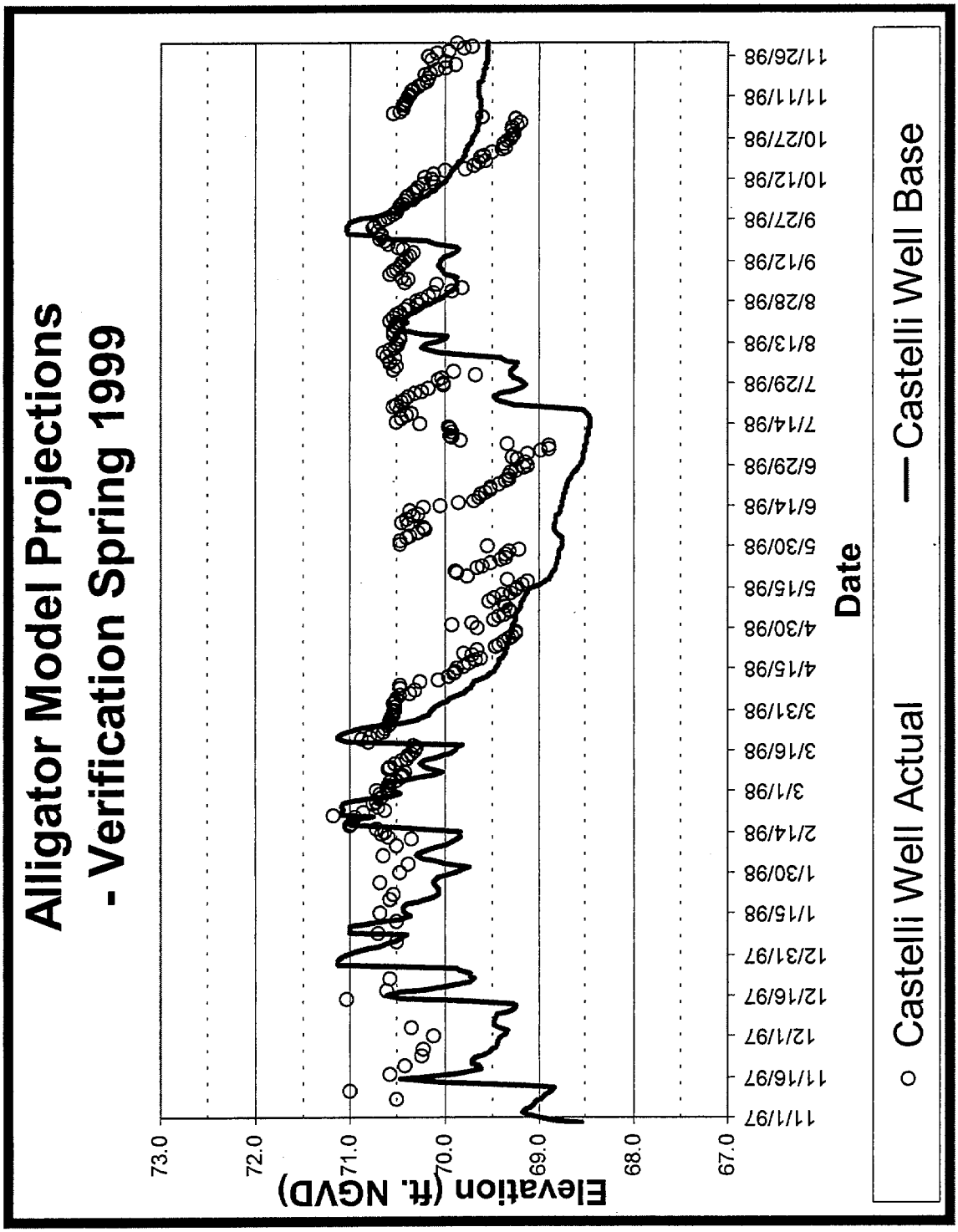

Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
68.0
67.0
66.0
65.0
64.0
63.0
62.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Beekman Well Actual
Beekman Well Base

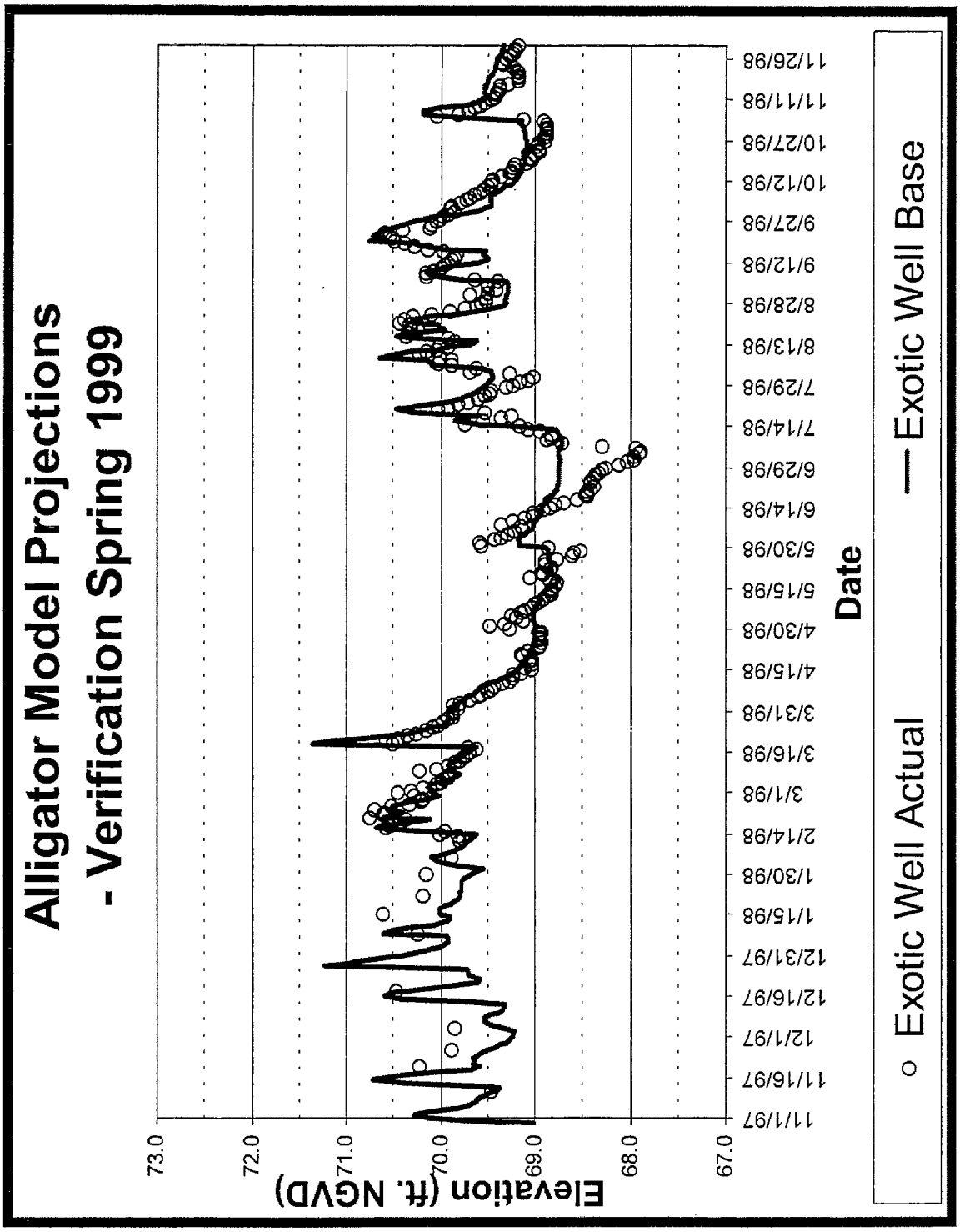

Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
73.0
72.0
71.0
70.0
69.0
68.0
67.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
o Moonlight1 Well Actual
— Moonlight1 Well Base

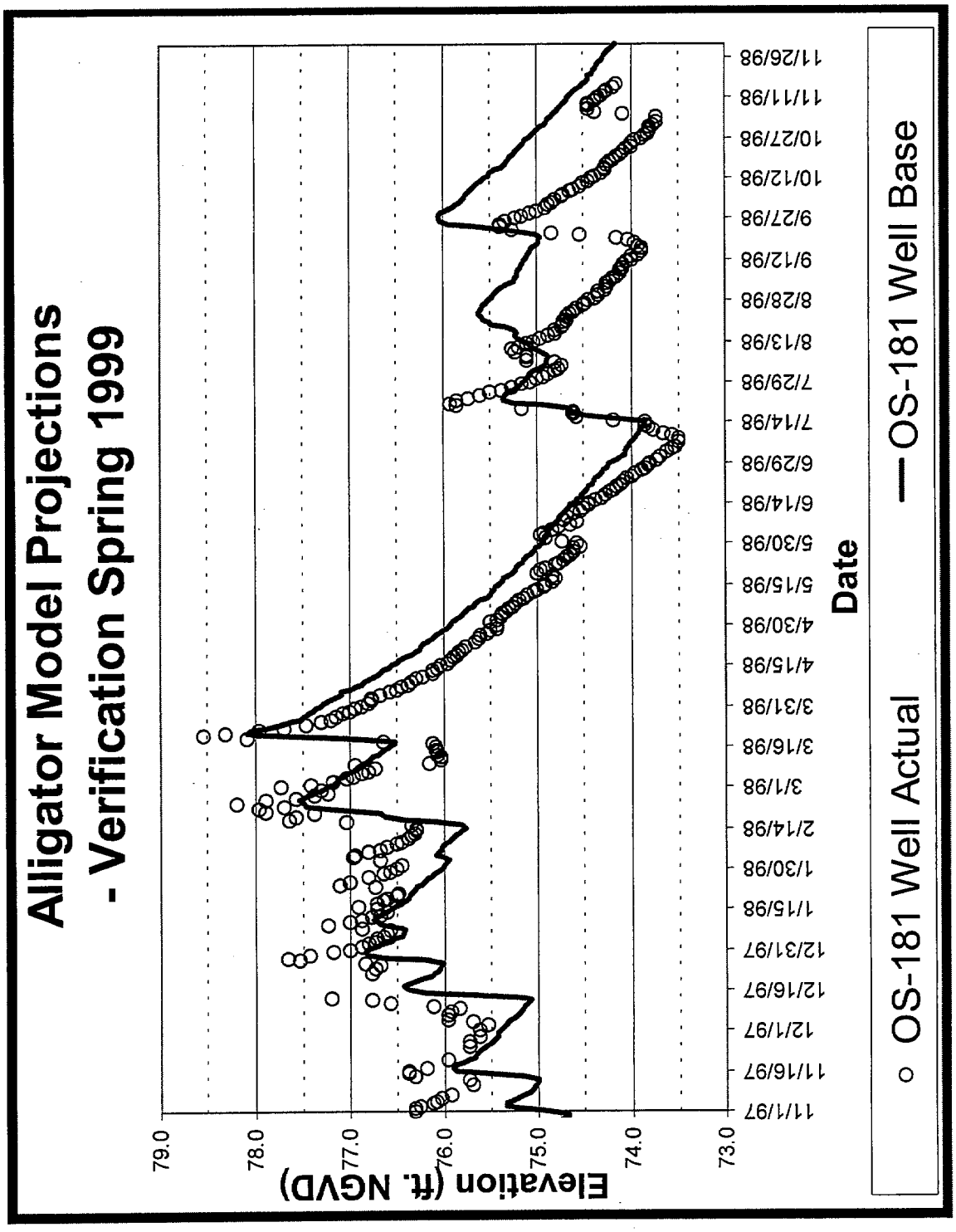

Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
72.0
71.0
70.0
69.0
68.0
67.0
66.0
Date
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Moonlight2 Well Actual
Moonlight2 Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
72.0
71.0
70.0
69.0
68.0
67.0
66.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Chestnut Well Actual
Chestnut Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
77.0
76.0
75.0
74.0
73.0
72.0
71.0
Date
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Mako Well Actual
Mako Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
73.0
72.0
71.0
70.0
69.0
68.0
67.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Castelli Well Actual
Castelli Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
73.0
72.0
71.0
70.0
69.0
68.0
67.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Exotic Well Actual
Exotic Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
79.0
78.0
77.0
76.0
75.0
74.0
73.0
Date
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
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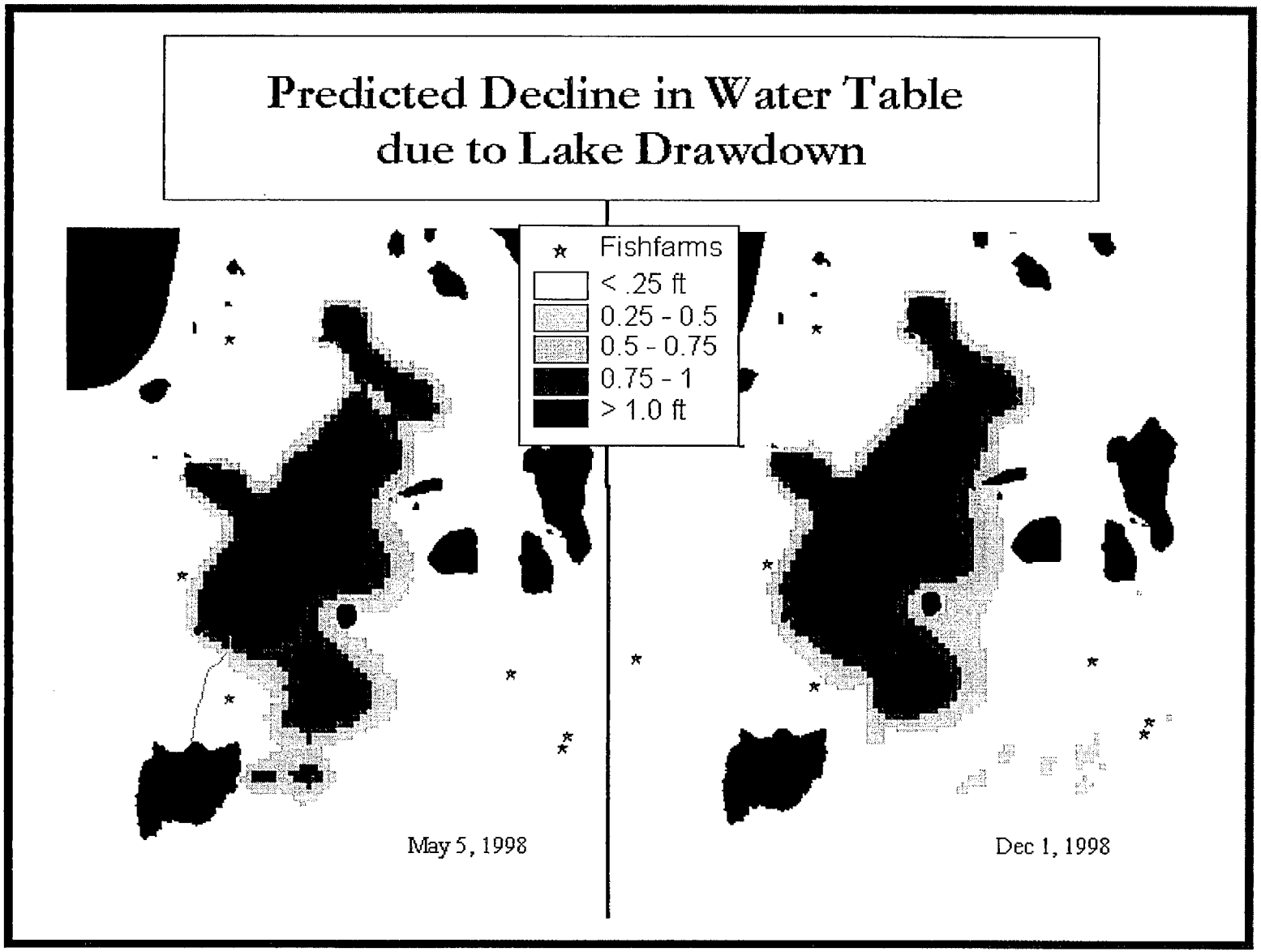
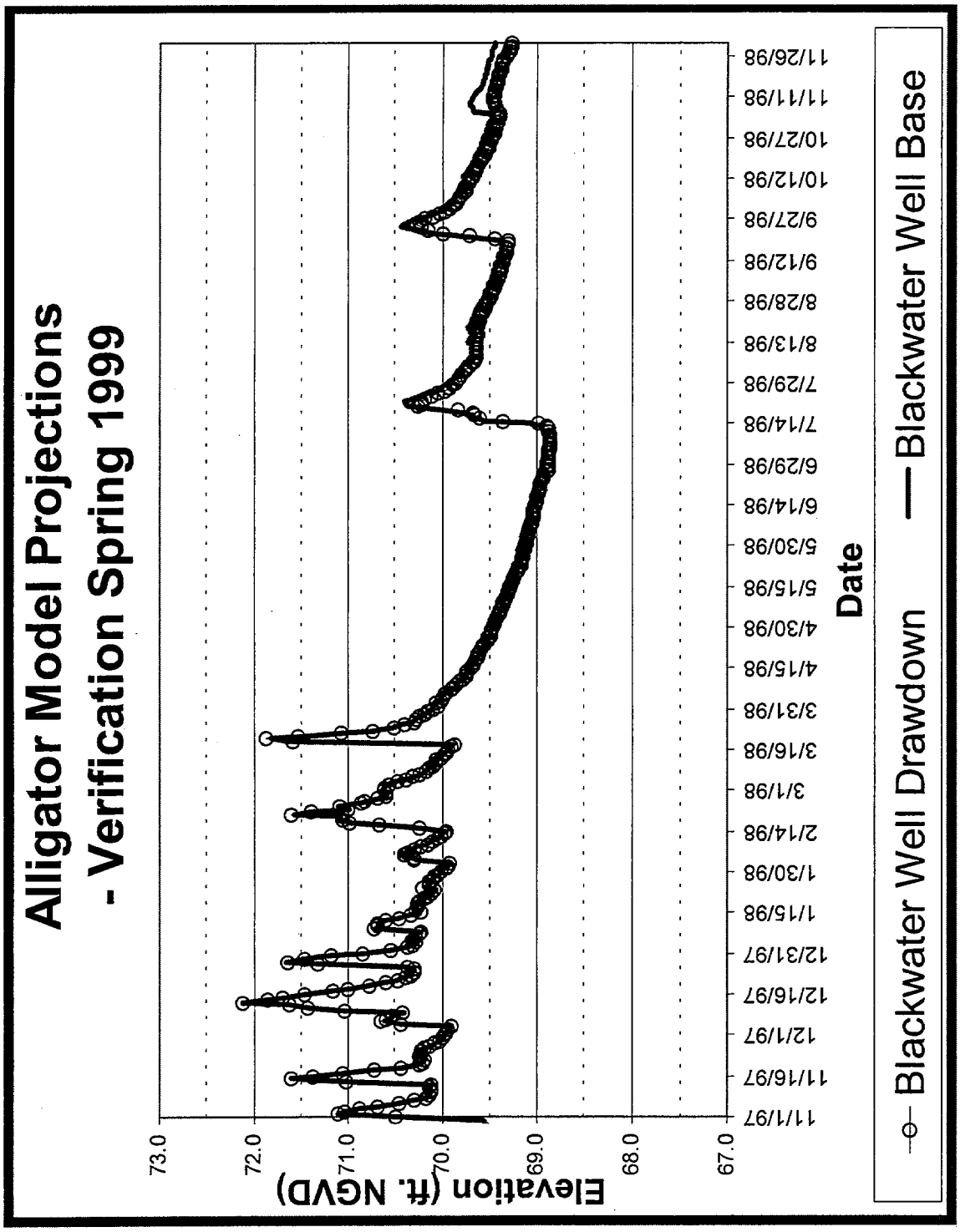
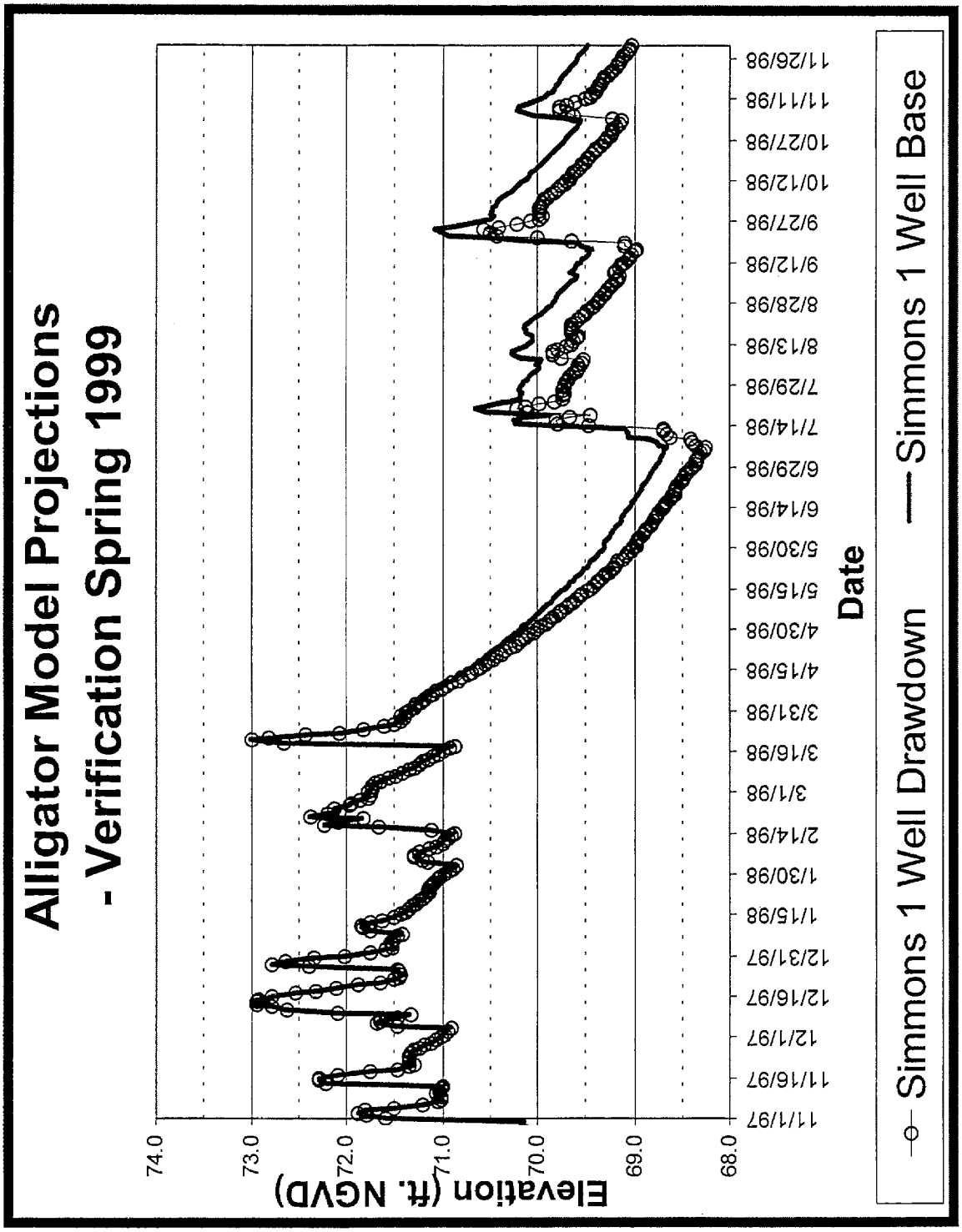
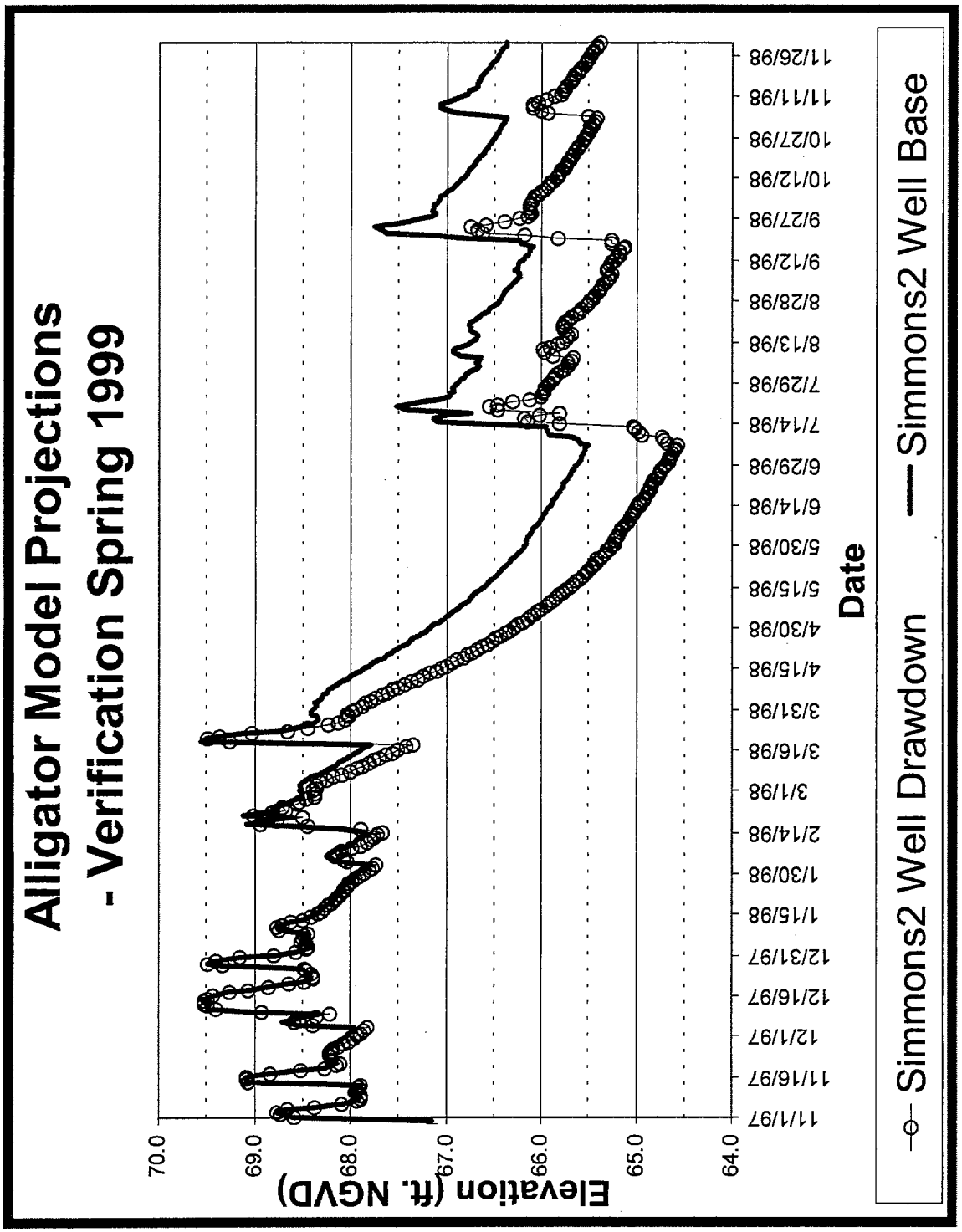
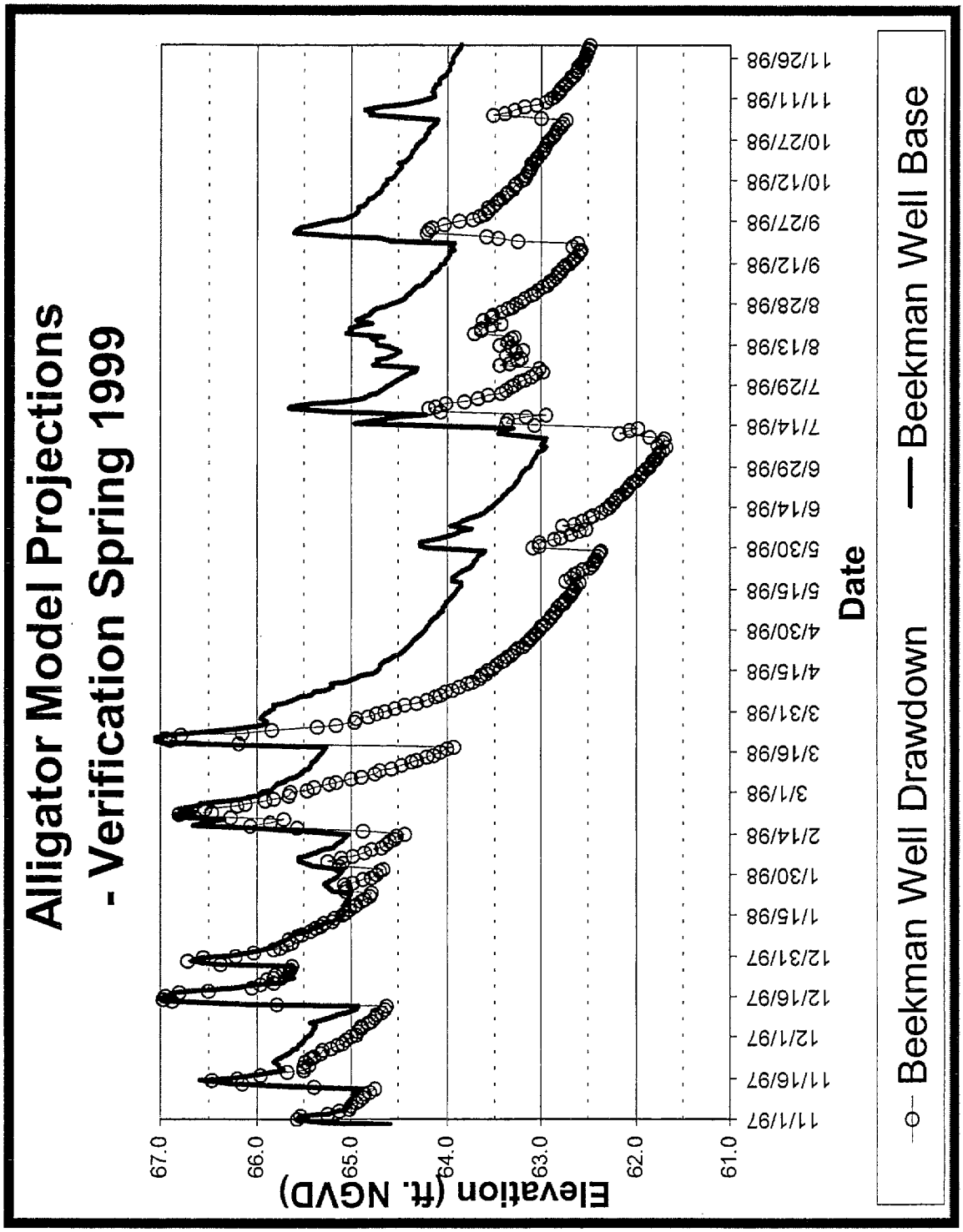
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
OS-181 Well Actual
OS-181 Well Base


Predicted Decline in Water Table
due to Lake Drawdown
Fishfarms
< .25 ft
0.25 - 0.5
0.5 - 0.75
0.75 - 1
> 1.0 ft
May 5, 1998
Dec 1, 1998


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
73.0
72.0
71.0
70.0
69.0
68.0
67.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Blackwater Well Drawdown
Blackwater Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
74.0
73.0
72.0
71.0
70.0
69.0
68.0
Date
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Simmons 1 Well Drawdown
Simmons 1 Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
70.0
69.0
68.0
67.0
66.0
65.0
64.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Simmons2 Well Drawdown
Simmons2 Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
67.0
66.0
65.0
64.0
63.0
62.0
61.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
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4/30/98
5/15/98
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6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
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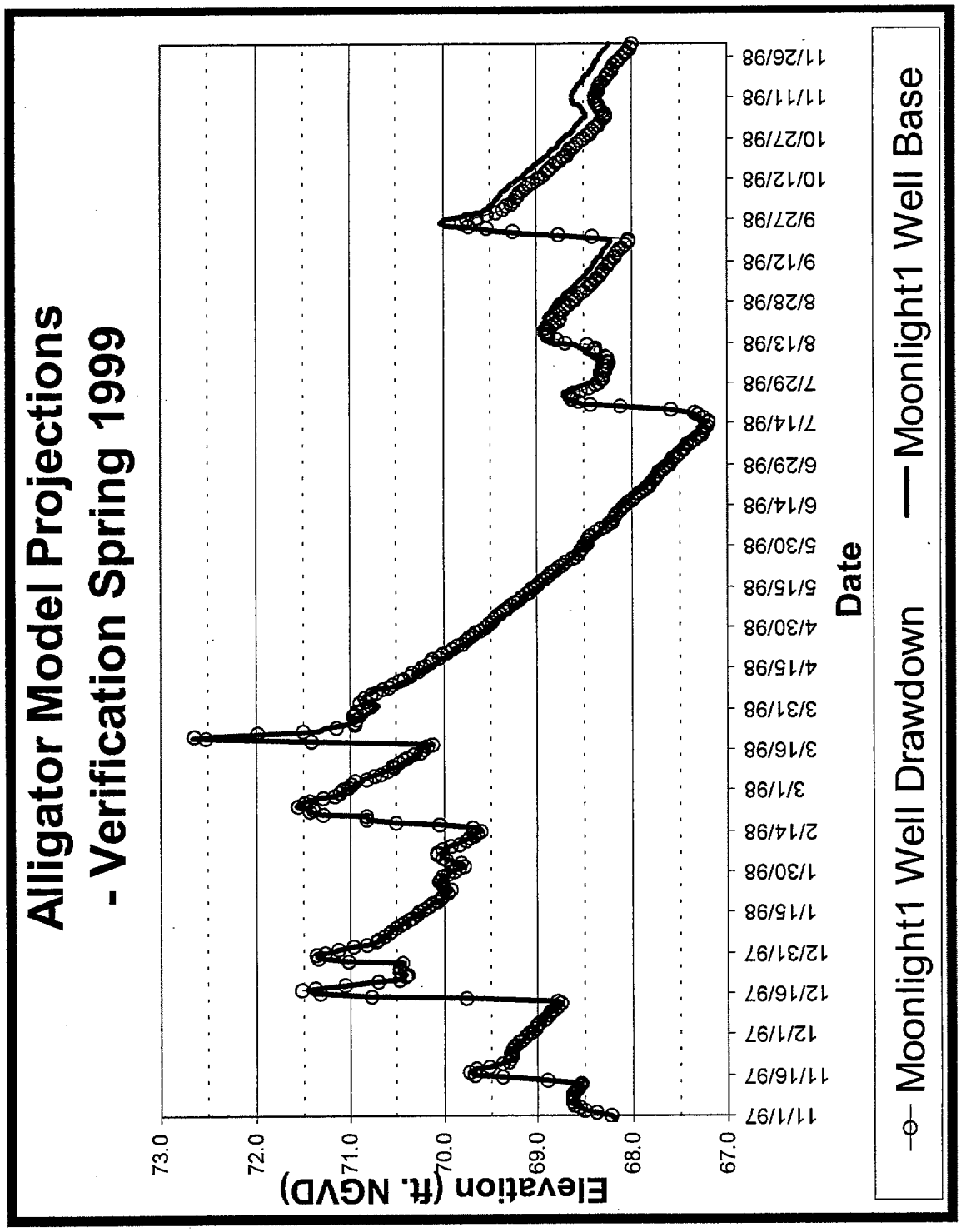
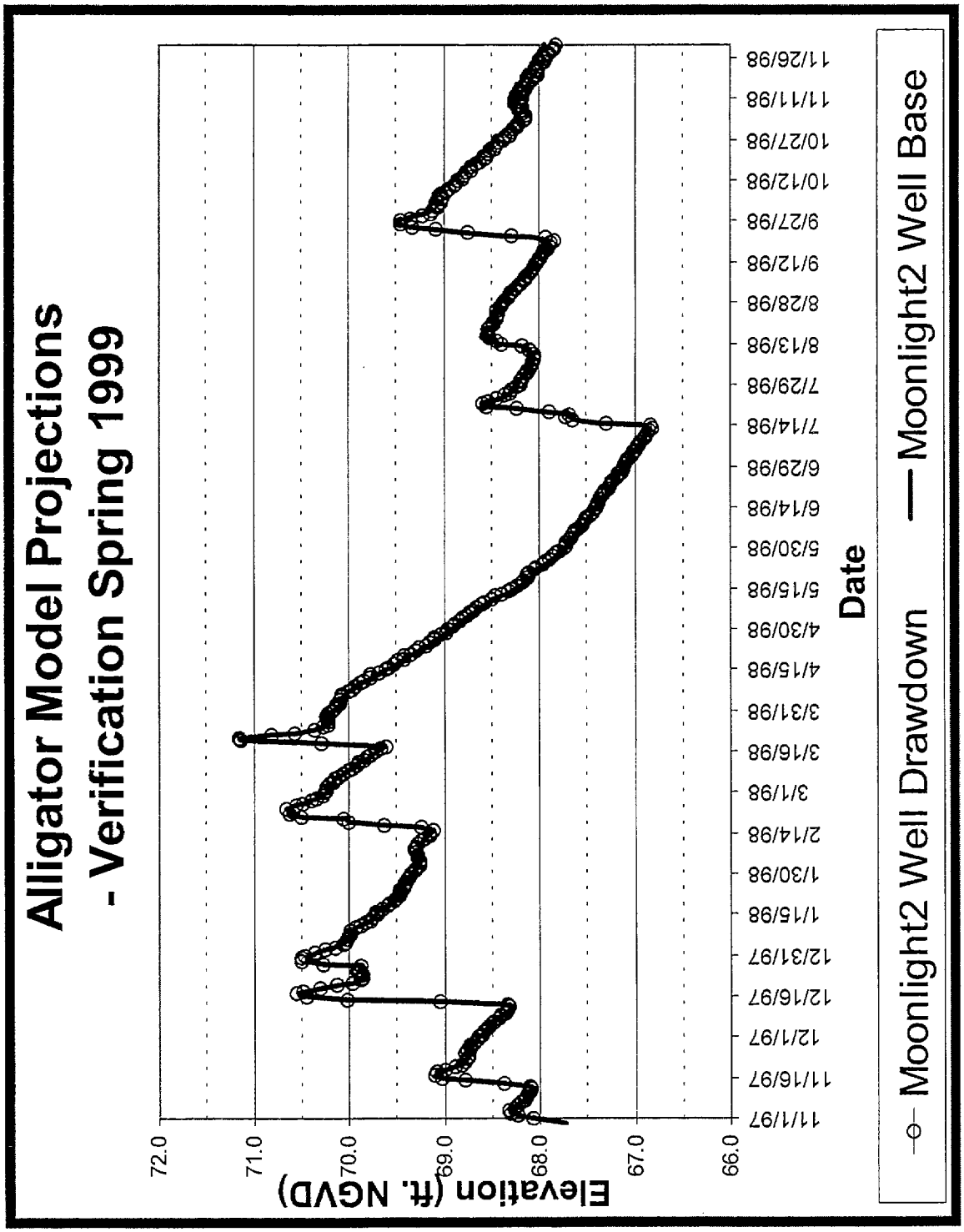
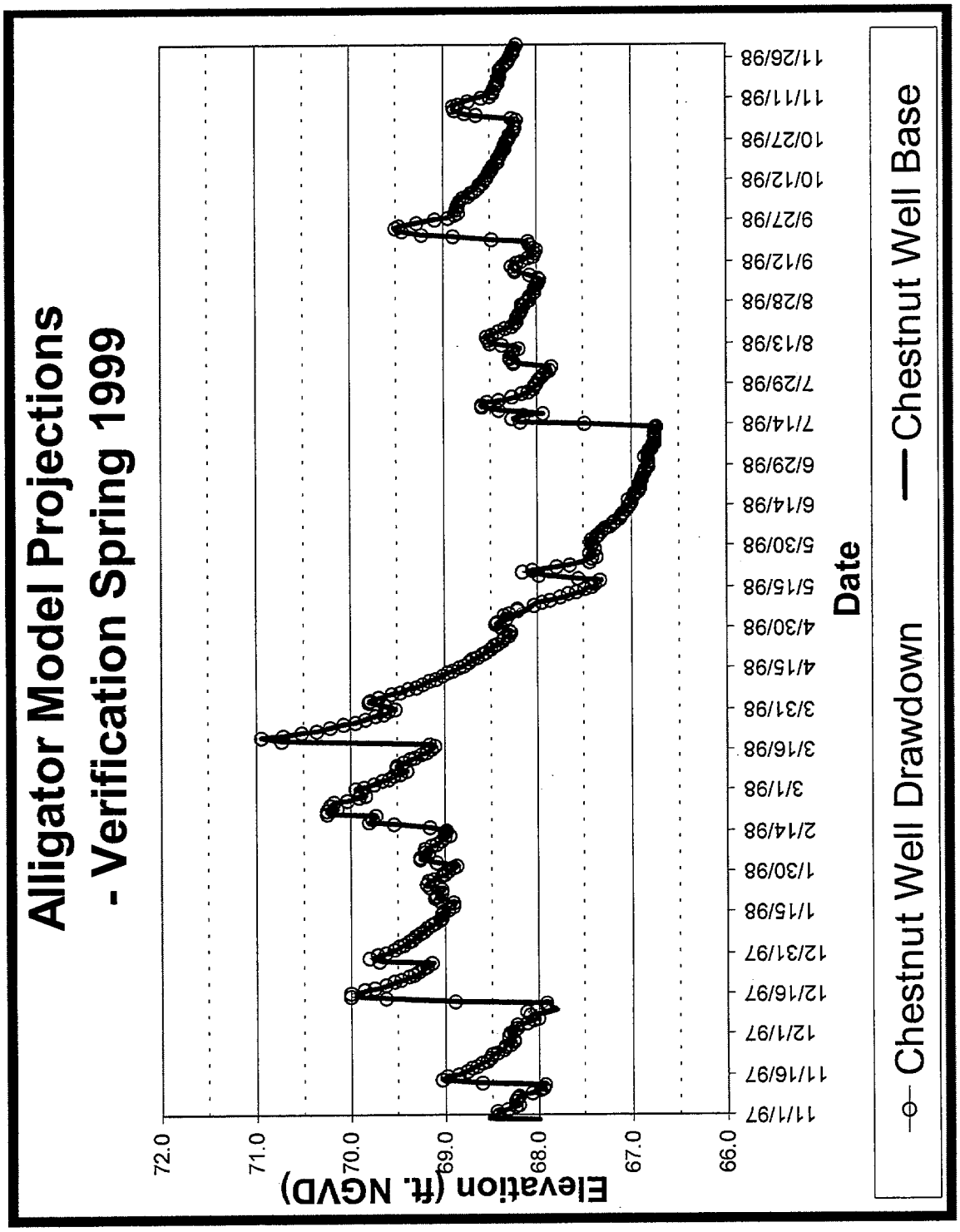
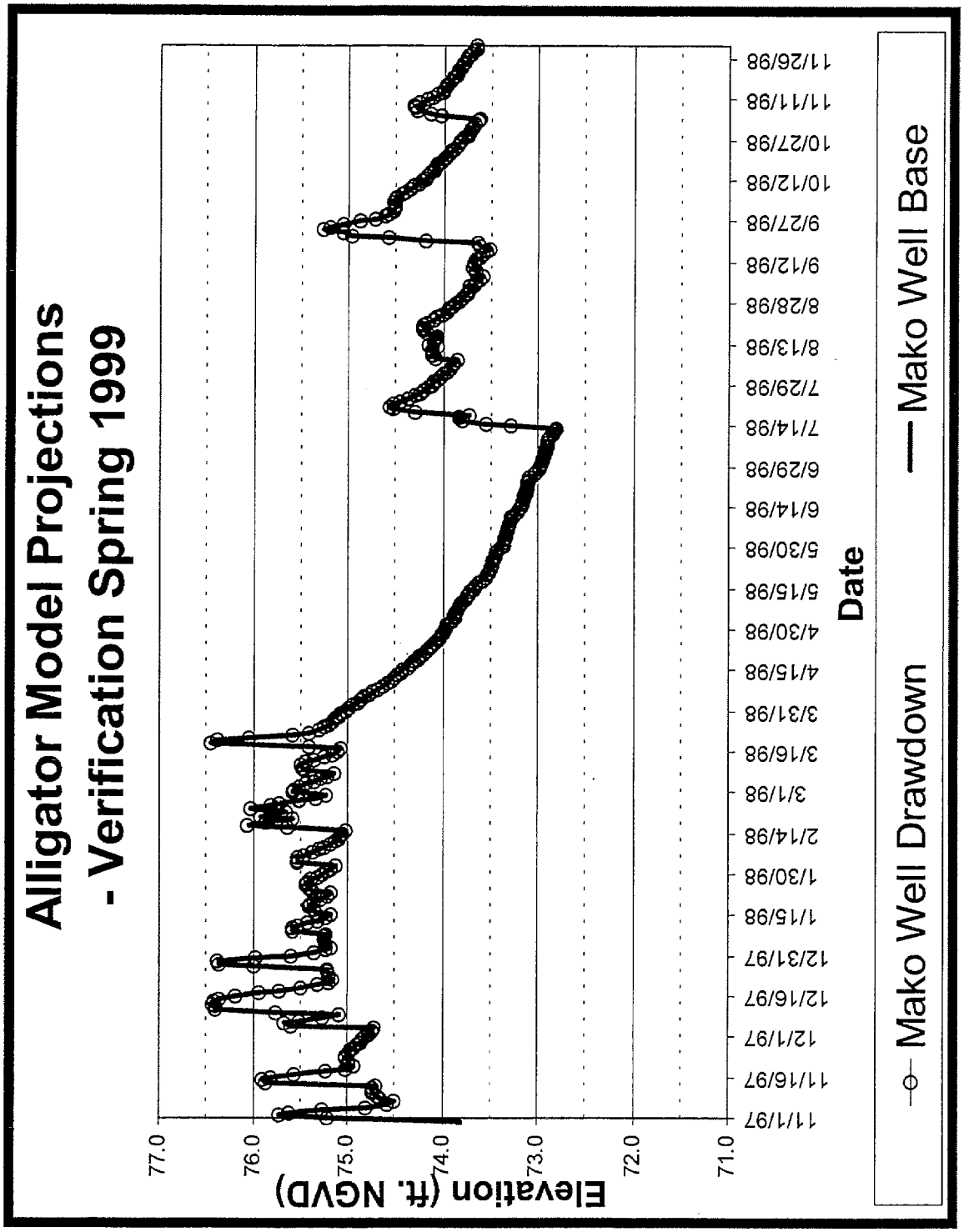
10/12/98
10/27/98
11/11/98
11/26/98
Date
Beekman Well Drawdown
Beekman Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
73.0
72.0
71.0
70.0
69.0
68.0
67.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Moonlight1 Well Drawdown
Moonlight1 Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
72.0
71.0
70.0
69.0
68.0
67.0
66.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Moonlight2 Well Drawdown
Moonlight2 Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
72.0
71.0
70.0
69.0
68.0
67.0
66.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Chestnut Well Drawdown
Chestnut Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
77.0
76.0
75.0
74.0
73.0
72.0
71.0
Date
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
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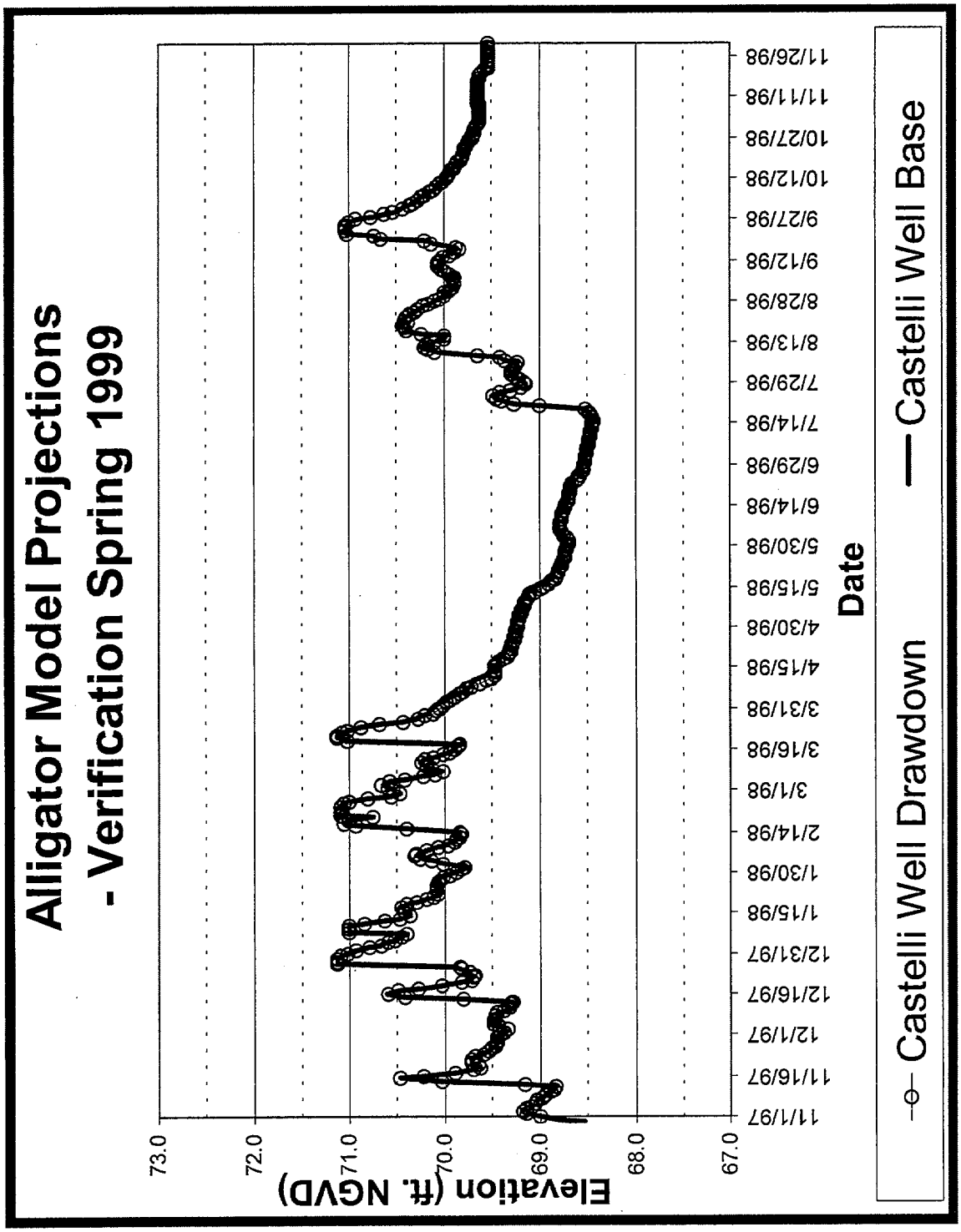
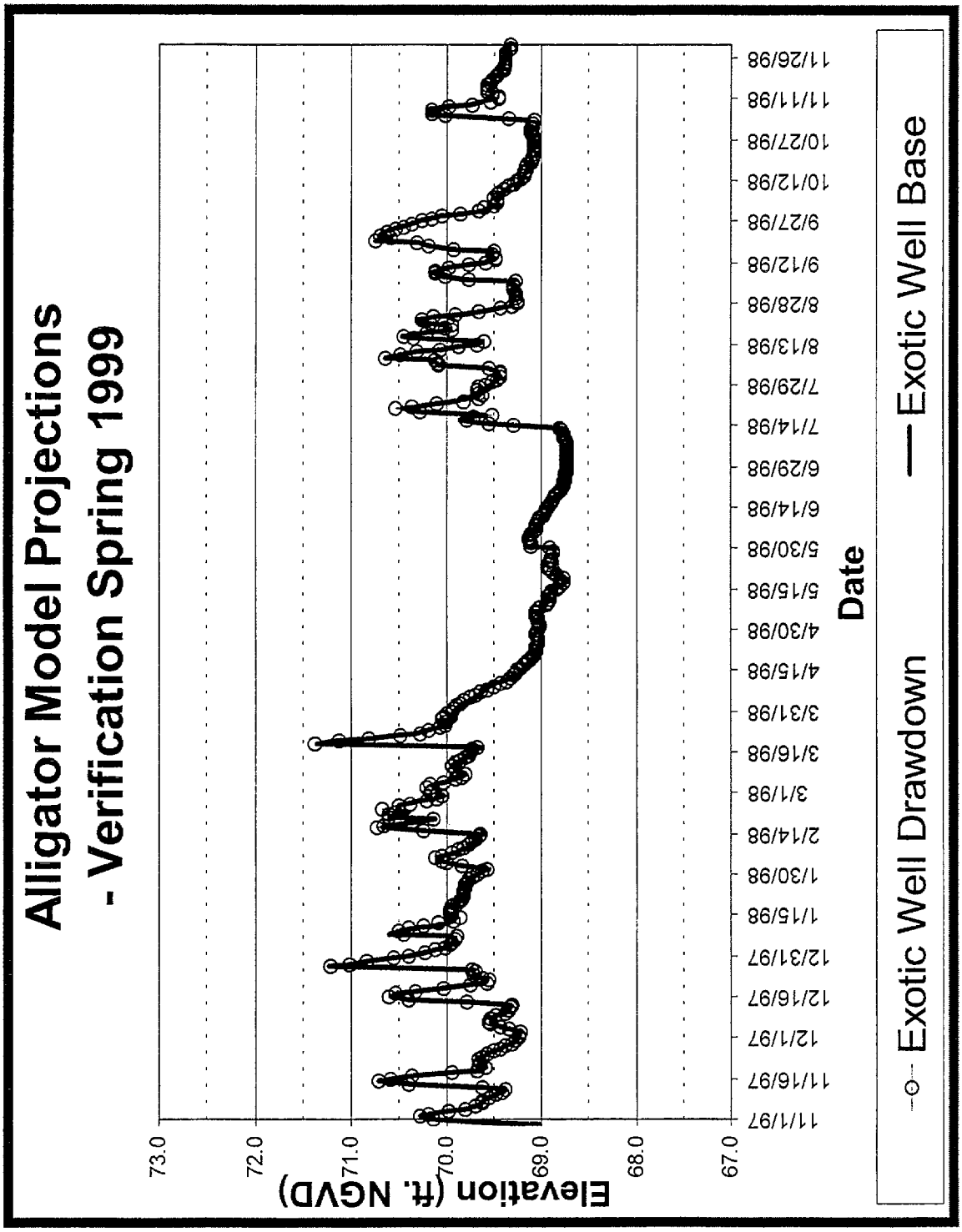
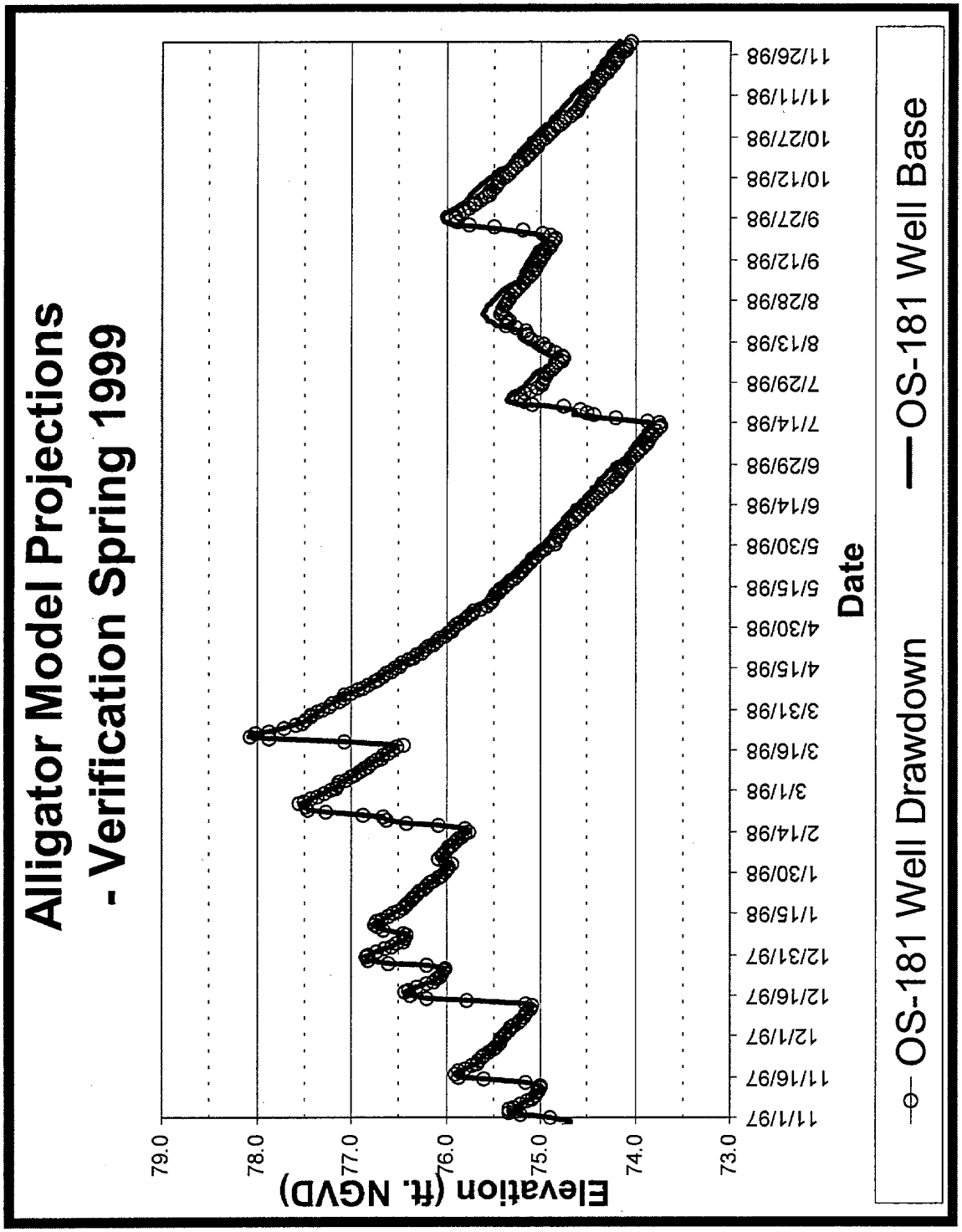
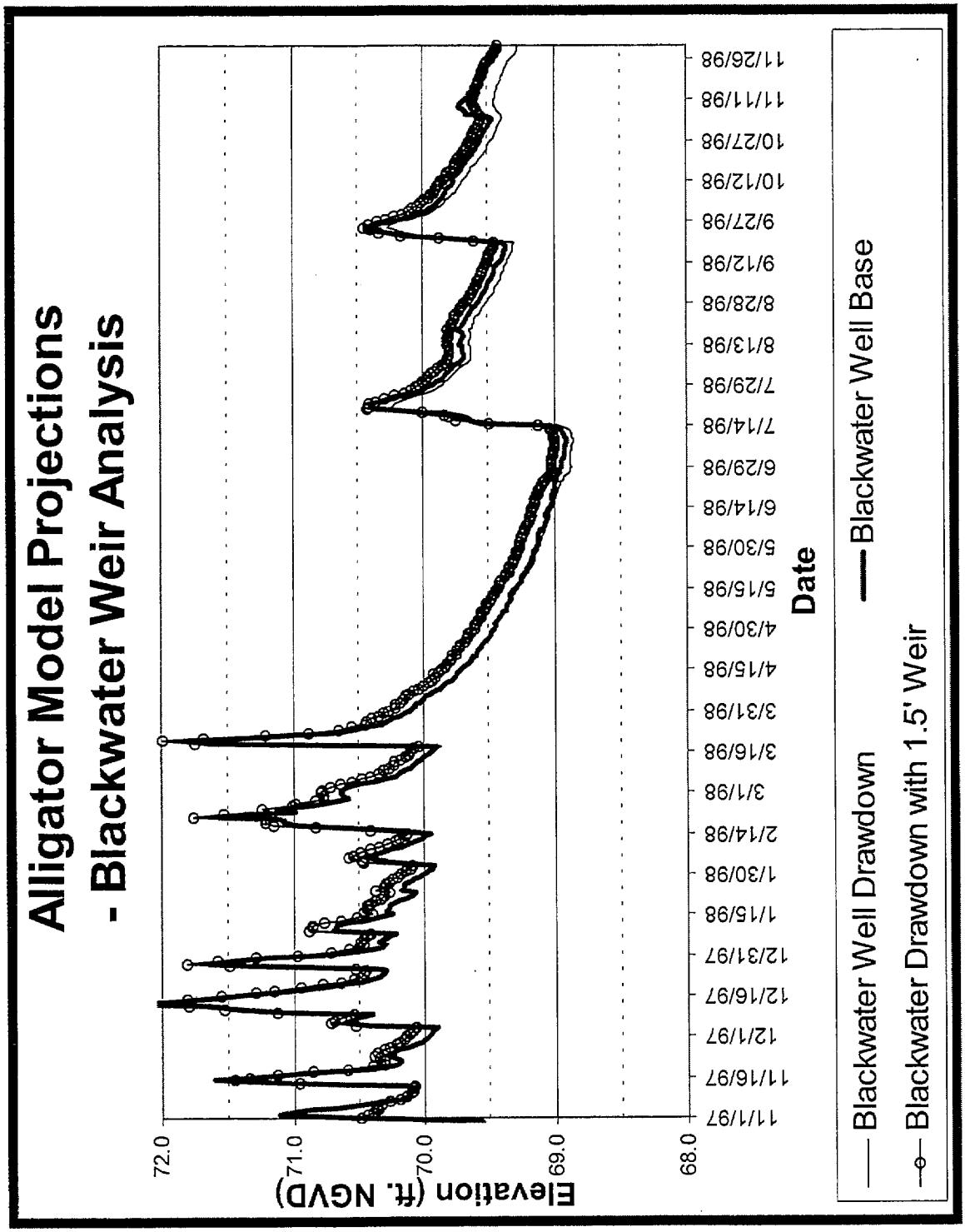
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Mako Well Drawdown
Mako Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
73.0
72.0
71.0
70.0
69.0
68.0
67.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Castelli Well Drawdown
Castelli Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
73.0
72.0
71.0
70.0
69.0
68.0
67.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
Exotic Well Drawdown
Exotic Well Base


Alligator Model Projections
- Verification Spring 1999
Elevation (ft. NGVD)
79.0
78.0
77.0
76.0
75.0
74.0
73.0
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Date
OS-181 Well Drawdown
OS-181 Well Base


Alligator Model Projections
- Blackwater Weir Analysis
Elevation (ft. NGVD)
72.0
71.0
70.0
69.0
68.0
Date
11/1/97
11/16/97
12/1/97
12/16/97
12/31/97
1/15/98
1/30/98
2/14/98
3/1/98
3/16/98
3/31/98
4/15/98
4/30/98
5/15/98
5/30/98
6/14/98
6/29/98
7/14/98
7/29/98
8/13/98
8/28/98
9/12/98
9/27/98
10/12/98
10/27/98
11/11/98
11/26/98
Blackwater Well Drawdown
Blackwater Well Base
Blackwater Drawdown with 1.5' Weir