



Jeff Nelson
<jnbei@sbcglobal.net>

06/03/2004 02:16 PM
MST

To: Arlene Wimer <arlene_wimer@nps.gov>
cc: Charlie Belaire <estuary123@aol.com>
Subject: 2004 rainfall data

Hi Arlene,

I am currently working on the Novus Manzano Plan of Ops. and wetland determination report, and I was hoping you would fax me all of the daily PINS rainfall data for 2004 that you have. My fax number is 361-729-1441.

Thank you Arlene, and I hope you are doing well!
Jeff Nelson

Jeff Nelson
Belaire Environmental, Inc.
Phone: (361) 729-1241
Fax: (361) 729-1441
Email: <jnbei@sbcglobal.net>

*** TX REPORT ***

TRANSMISSION OK

TX/RX NO	1242	
CONNECTION TEL		13617291441
CONNECTION ID		
ST. TIME	06/09 12:29	
USAGE T	03'03	
PGS.	7	
RESULT	OK	

National Park Service
U.S. Department of the Interior

U.S. Department of the Interior
National Park Service
Padre Island National Seashore
P. O. Box 181300
Corpus Christi, Texas 78480-1300
Tel. 361-949-8173 Fax 361-949-8286

FAX RECIPIENT

Jeff Nelson

FROM:

Arlene Wimer

SUBJECT:

Rainfall Data

DATE:

9 June 09

COMMENTS:

Here's what we have to date.
What kind of time line are we looking
at for the Novec Manzano Plan?

U.S. Department of the Interior
National Park Service
Padre Island National Seashore
P. O. Box 181300
Corpus Christi, Texas 78480-1300
Tel. 361-949-8173 Fax 361-949-8286

FAX RECIPIENT

Jeff Nelson

FROM:

Arlene Wimer

Subject:

Rainfall Data

Date:

9 June 04

COMMENTS:

Here's what we have to date.
What kind of time line are we looking
at for the Novec Manzano Plan?

Total Pages: 6 + cover

TAKE PRIDE[®]
IN AMERICA 

JAN-04

DATE	Time	Sky	Weather	Station Pressure	Wind		Precipitation	Temperature		
					Direction	Speed		Max	Min	Observ.
1	1100	cloudy		30.10	S	16	Ø	75	65	74
2	0800	cloudy	fog	30.08	S	10	.01	74	59	66
3	0709	cloudy	mist	29.96	S	16	.03	74	59	64
4	0745	cloudy		29.85	SE	11	.01	74	58	67
5	0943	cloudy		30.11	N	15	.02	74	54	55 @ 210
6	0730	cloudy		30.44	N	26	Ø	58	45	45
7	0730	cloudy		30.48	N	25	Ø	51	40	45
8	0730	cloudy		30.15	NW	14	.18	56	40	50
9	0704	cloudy	mist	30.21	NE	12	.03	58	40	54
10	725	mostly clear		30.12	NE	10	Ø	67	34	41
11	738	mostly cloudy		30.39	NE	7	Ø	67	43	57
12	0700	mostly cloudy		30.31	NE	3	Ø	67	43	59
13	0800	cloudy		30.29	SE	3	Ø	69	43	61
14	0745	cloudy		30.20	SE	0	-	72	60	62
15	0730	cloudy		30.03	calm		.02	70	61	62
16	0730	cloudy		29.87	S	10	7	69	61	61
17	0730	cloudy		29.68	W	7	1.82	69	60	62
18	0745	P.C.		29.96	SW	9	.02	79	51	52
19	0700	clear		30.18	N	14	Ø	65	43	43
20	0700	pc		30.10	E	13	Ø	59	43	43
21	0700	pc		30.17	NE	14	Ø	66	54	59
22	0730	cloudy		30.24	NE	16	.09	63	57	57
23	0730	cloudy		30.24	NE	17	.12	62	49	60
24	0800	overcast	rain	29.94	SW	5	.05	66	59	60
25	0730	clear	fog	29.78	calm		.05	66	57	57
26	0800	ht. clouds		29.85	W	7	.01	73	55	58
27	0700	clear		30.32	N	10	Ø	77	42	42
28	0700	pc		30.32	E	14	Ø	56	35	55
29	0700	cloudy	rain	29.97	SE	8	.03	63	59	60
30	0700	cloudy	mist	29.92	NW	6	.05	68	46	56
31	0700	cloudy		29.92	NW	3	.01	67	49	58

FEB-04

DATE	Time	Sky	Weather	Station Pressure	Wind		Precipitation	Temperature		
					Direction	Speed		Max	Min	Observ.
1	0730	p.c.		29.79	SE	5	.01	68	39	59
2	0800	cloudy		30.07	NE	19	.03	71	49	59
3	0700	pc		30.21	E	20	.04	66	51	52
4	0700	cloudy		29.87	E	16	Ø	65	54	63
5	0700	cloudy	rain	29.82	1500	23	.03	71	53	54
6	0705	cloudy		30.13	N	14	Ø	71	41	51
7	715	cloudy		30.45	N	3	Ø	65	35	45
8	720	cloudy		30.27	SE	10	Ø	71	43	60
9	800	Cloudy		30.11	SE	10	.02	72	43	62
10	0700	cloudy	fog	30.05	SE	9	.03	65	61	61
11	0800	cloudy		29.96	N	8	.10	66	52	54
12	0800	cloudy		30.19	N	14	.03	56	45	47
13	0730	overcast	light rain	30.29	N	10	.17	50	41	43
14	0730	cloudy	cool/windy	30.12	N	18	.20	47	38	39
15	14:00	Clear	COOL	30.18	NE	9	.03	62	38	51
16	8:00	Clear		30.32	NW	4	.00	62	39	50
17	0730	clear		30.39	calm		.03	60	40	49
18	0700	clear	patchy fog	30.38	calm		Ø	63	41	51
19	0700	clear		30.07	SE	20	Ø	70	46	58
20	0730	mcloudy		29.83	NE	5	T	69	47	59
21	0730	p. cloudy		30.04	NE	13	Ø	71	50	60
22	0730	p cloudy		29.97	E	9	T	64	58	62
* 23	1730	m sunny		29.74	E	8	.02	73	60	66
24	0800	overcast	breezy	29.74	N	14	.06	73	53	62
25	0000	pc	windy	29.87	N	37	.34	57	44	60
26	1100	clear	cool	30.22	N	10	.0	53	39	54
27	720	mstly clear	cool	30.21	N	7	.0	67	41	57
28	430	pc	cool	30.03	NE	12	.01	68	40	65
29	833	pc	breezy	29.89	SE	110	.04	70	40	66
30										
31										

calm
times

MAR-04

DATE	Time	Sky	Weather	Station Pressure	Wind		Precipitation	Temperature		
					Direction	Speed		Max	Min	Observ.
1	0800	cloudy		29.99	E	6	0	70	40	66
2	0800	overcast	foggy	29.99	SE	8	0	74	62	64
3										
4	0800	cloudy	4 Fog	29.78	SE	12	-	74	~~57~~ ⁶²	66
5	0700	most clld	Fog	29.79	SE	4	.05	72	64	65
6	0700	pc		30.14	SE	3	.05	77	56	61
7	0731	pc	light fog	30.18		4	.05	78	56	59
8	0800	clear	Sunny	30.36	N	17	0	72	56	61
9	0700	pc		30.24	N	4	.03	68	54	56
10	0700	clear		30.17	calm		0	75	55	60
11	0730	pc		30.14	E	14	0	74	60	65
12	0730	m cloudy		30.15	E	9	0	72	58	64
13	0700	m cloudy	sprinkles	30.02	E	14	0	72	62	64
14	0730	m cloudy		30.10	E	5	.05	74	65	67
15	1030	overcast		30.02	NE	8	2.02	74	63	66
16	0700	pc		30.01	calm		0	70	63	65
17	1100	pc		29.93	SE	11	.12	75	64	70
18	0700	clear		29.91	SE	15	.03	75	64	67
19	0745	FOG		30.10	SE	6	.01	~~72~~ ⁷⁵	66	69
20	0730	overcast		30.17	SE	11	T	75	68	69
21	0715	m cloudy	Patchy fog	30.24	Cal m		T	78	66	68
22	0800	pc cloudy		30.24	E	12	0	76	65	68
23	0700	cloudy		30.16	SE	17	.02	75	66	69
24	0700	m cloudy		30.11	SE	19	0	77	68	71
25	0730	pc		30.10	SE	14	0	79	69	70
26	0730	pc		30.11	SE	15	0	78	69	70
27	0700	pc		30.03	SE	19	0	79	70	71
28	0700	pc		30.01	SE	6	0	79	71	75
29	0730	P.C		30.11	NE	6	-	79	68	72
30	0700	pc		30.21	calm		.03	78	61	63
31	0700	clear		30.11	SW	10	0	76	58	60

APR-04

DATE	Time	Sky	Weather	Station Pressure	Wind		Precipitation	Temperature		
					Direction	Speed		Max	Min	Observ.
1	0730	pc		29.99	SE	14	0	80	59	70
2	0745	cloudy		29.89	SE	13	0	80	61	73
3	720	pc		29.97	NE	10	.03	78	58	68
4	721	pc		29.95	SE	11	.01	80	58	68
5	800	cloudy		29.86	E	19	2.03	80		69
6	0730	cloudy		29.86	calm		0	81	69	71
7	0730	m. cloudy		29.85	calm		0	80	67	70
8	0730	m. cloudy		29.85	calm		.03	81	66	69
9	0700	m. clear		29.87	calm	-	0	78	64	66
10	0715	m. cloudy		29.78	S	12	0	79	66	73
11	1000	overcast		29.88	NW	14	.06	80	49	58
12	0745	cloudy		29.93	NW	19	.02	89	52	54
13	0730	pc		30.25	SE	5	0	70	50	50
14	0745	clear		30.29	W	3	-	73	54	58
15	0700	pc		30.12	SE	18	0	74	58	67
16	0745	m. sunny		30.08	S	18	0	77	62	70
17	0715	pc. cloudy		30.13	SE	8	0	78	69	69
18	0730	pc. cloudy	windy	30.15	SE	12	0	79	61	70
19	0745	pc. cloudy		30.17	SE	10	-	79	69	70
20	0745	cloudy		29.96	SE	22	0	79	69	70
21	0700	m. cloudy		29.77	SE	17	0	79	70	70
22	0730	cloudy		29.72	SE	20	0	80	70	71
23	0730	cloudy	hazy	29.72	SE	15	0	81	61	71
24	0721	cloudy	rain	29.81	E	13	.03	71	60	69
25	0730	cloudy	rain	29.91	NE	8	2.03	80	66	72
26	0800	cloudy		30.08	NE	18	.24	77	71	73
27	0700	pc		30.18	NE	9	.05	77	65	65
28	0700	m. cloudy		30.00	SE	23	0	79	65	71
29	0700	clear		29.90	E	17	0	79	70	72
30	0709	pc. cloudy		29.84	SE	9	0	81	63	74
31										

Black
Lake
@ 113

MAY-04

DATE	Time	Sky	Weather	Station Pressure	Wind		Precipitation	Temperature		
					Direction	Speed		Max	Min	Observ.
1	730	cldy		29.76	SE	12	Ø	81	64	75
2	7A	pc		30.11	SE	11	1.94	79	46	55
3	0800	clear		30.19	W	5	Ø	81	55	61
4	0745	clear		30.13	S	2	Ø	76	61	67
5	0700	pc		30.02	SE	21	Ø	78	67	71
6										
7	0730	mldy sprinkles		30.05	E	11	Ø		72	74
8	0730	cloudy		30.01	SE	6	1.59	79	70	73
9	0730	mldy		29.94	E	7	.80	78	69	72
10	0700	cloudy		29.91	SE	12	Ø	81	72	74
11	1030	pcldy		29.87	S	14	.03	81	74	80
12	0700	cloudy		29.74	SE	12	Ø	83	76	77
13	0700	cloudy		29.79	SE	12	Ø	83	76	77
14	0715	mldy		29.95	E	14	2.13	88	40	72
15	0730	mldy		30.06	NE	9	.01	81	67	70
16	1330	pc		30.01	SE	9	Ø	81	106	71
17	1145	pcldy		30.01	SE	17	Ø	83	101	71
18	0730	pc		30.01	SE	18	Ø	83	76	77
19	0730	pc		30.01	SE	17	Ø	83	76	77
20	0700	pc		30.02	SE	19	Ø	83	76	77
21	0700	pc		30.04	SE	20	Ø	84	77	78
22	1245	pc		29.84	SE	20	Ø	86	78	80
23	1309	pc		29.85	SE	21	Ø	84	76	86
24	0800	pc		29.90	SE	18	Ø	84	74	76
25	0700	pc		29.85	SE	23	Ø	84	76	77
26	0730	pc		29.89	SE	16	Ø	84	76	77
27	0730	pc		29.79	SE	18	Ø	84	76	77
28	0730	pc		29.85	SE	3	—	84	74	76
29	0714	pc		29.74	SE	8	Ø	84	76	77
30	0720	pc		29.62	SE	10	Ø	84	77	78
31	0715	pc		29.68	SE	7	Ø	86	76	76

[illegible]