



City of Santa Fe, New Mexico

200 Lincoln Avenue, P.O. Box 909, Santa Fe, N.M. 87504-0909

www.santafenm.gov

Javier M. Gonzales, Mayor

Councilors:

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Carmichael A. Dominguez, Dist. 3

Chris Rivera, Dist. 3

Ronald S. Trujillo, Dist. 4

Mike Harris, Dist. 4

Ramona Martinez
OFFICE OF THE STATE ENGINEER
P.O. BOX 25102
SANTA FE, N.M. 87504-5102

Re: Diversion Report for December 2017

Dear Ms. Martinez:

Submitted for your information is the following water supply data for the Santa Fe water system. All information is reported in millions of gallons and meter readings are for the end of the month.

CITY WELLS

Permit #		M.G.	Ac.Ft.	Meter
RG-1113	Alto	0.000	0.00	1181
RG-1115	Torreón	1.054	3.23	44911
RG-1116	Ferguson	0.000	0.00	5632
RG-1117	Santa Fe	0.000	0.00	0
RG-1118	Agua Fria	0.000	0.00	8240
RG-68302	Northwest	0.000	0.00	81977
RG-81092	Santa Fe Remediation			
	TOTAL CITY WELLS	1.054	3.23	

SURFACE SUPPLY

01278/1677	Treatment Plant	62.685	192.37	1084465
RG-304	St. Michaels	11.826	36.29	46225
	TOTAL SURFACE	74.511	228.67	

BUCKMAN WELLS

RG-20516-S	Buckman #3	0.000	0.00	143
RG-20516-S-2	Buckman #4	0.000	0.00	9694
RG-20516-S-3	Buckman #5	0.000	0.00	0
RG-20516-S-4	Buckman #6	1.875	5.75	73212
RG-20516-S-5	Buckman #1	3.321	10.19	109418
RG-20516-S-6	Buckman #2	0.000	0.00	0
RG-20516-S-7	Buckman #7	0.000	0.00	64
RG-20516-S-8	Buckman #8	1.542	4.73	22003
RG-20516-S-9	Buckman #9	0.000	0.00	14
RG-20516-S-10	Buckman #10	0.000	0.00	16
RG-20516-S-11	Buckman #11	0.000	0.00	1721
RG-20516-S-12	Buckman #12	0.000	0.00	1
RG-20516-S-13	Buckman #13	0.000	0.00	3563
	TOTAL BUCKMAN WELLS	6.738	20.68	

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OTHER WELLS

RG-304-S	Osage	0.0000	0.0000	554
RG-5631	Waste Water Well	0.0000	0.0000	42466
RG-66978	Marty Sanchez Links	0.0435	0.1335	9651
RG-66978-S	MRC Well South	0.0131	0.0402	3727
	TOTAL OTHER WELLS	0.0566	0.1737	

All of the following data is for the end of the month.

WELL DEPTHS

Permit #		Depth
N/A	Permit	Feet
RG-20516-S-9	Buckman #9	148.40 Feet
RG-20516-S-10	Buckman #10	328.00 Feet
RG-20516-S-11	Buckman #11	388.00 Feet
RG-20516-S-12	Buckman #12	394.70 Feet
RG-20516-S-13	Buckman #13	313.00 Feet
RG-21318	Skillet	190.40 Feet
RG-68302	Northwest	468.10 Feet

CANYON INFORMATION

	MG Current	MG Last Year	Ac.Ft Current	Ac.Ft Last Year
McClure (1061 MG/3257 Ac.Ft. Capacity)	444	171	1362.5	525.5
Nichols (223 MG/684 Ac.Ft. Capacity)	111	105	340.1	322.3
Total (1284 MG/3941 Ac.Ft. Capacity)	555	276	1702.6	847.8
Acequia Ditch Release	0.000	0.000	0.00	0.00
Average Daily Flow into McClure	1.035	0.960	3.18	2.94

Sincerely,

Alex A. Puglisi for

Rick Carpenter
Director, Sangre De Cristo Water

cc: Mike Johnson, OSE
Doug Rappuhn, OSE
Annie Apodaca, USFS
Flora Martinez, SDCW Div.
Marcos Martinez, COSF

SANGRE DE CRISTO WATER
MONTHLY WATER REPORT IN ACRE FEET

December 2017

	Current month	Previous month	This Month Last Year	Current y-t-d	Previous y-t-d
Surface Production					
Treatment Plant	192.37	284.69	125.33	3336.00	3041.09
St. Michaels	36.29	5.91	43.80	142.78	175.22
TOTAL	228.67	290.60	169.14	3478.78	3216.31
CITY WELL PRODUCTION					
Agua Fria	0.00	4.14	0.00	25.29	94.44
Alto	0.00	0.60	0.00	3.66	2.65
Ferguson	0.00	0.53	0.00	17.72	16.20
Santa Fe	0.00	0.00	0.00	0.00	0.00
Torreon	3.23	1.95	53.67	137.82	161.06
Northwest	0.00	0.00	13.78	251.77	386.85
TOTAL	3.23	8.92	67.45	437.97	684.57
Osage	0.00	1.70	0.00	1.70	23.35
BUCKMAN WELL PRODUCTION					
Buckman #1	10.19	1.07	2.19	335.63	231.96
Buckman #2	0.00	0.00	0.00	0.00	0.00
Buckman #3	0.00	0.00	0.00	0.00	37.16
Buckman #4	0.00	0.00	0.00	29.75	85.96
Buckman #5	0.00	0.00	0.00	0.00	0.01
Buckman #6	5.75	0.00	2.82	224.68	220.13
Buckman #7	0.00	0.00	0.00	0.20	89.25
Buckman #8	4.73	2.59	1.36	67.52	150.83
Buckman #9	0.00	0.00	0.00	0.04	19.23
Buckman #10	0.00	0.00	0.00	0.05	28.69
Buckman #11	0.00	0.00	0.00	5.28	4.41
Buckman #12	0.00	0.00	0.00	0.00	29.59
Buckman #13	0.00	0.01	0.00	10.93	27.60
TOTAL	20.68	3.66	6.37	674.09	924.82

CANYON INFORMATION - Reservoir information as recorded last Day in the month

RESERVOIR	Current Month	Previous Month	This Month Last Year
MCCLURE (1061 MG Capacity)	1362.49	1447.35	525.48
NICHOLS (223 MG Capacity)	340.09	360.66	322.29
TOTAL STORAGE	1702.59	1808.00	847.78
ACEQUIA DITCH RELEASE	0.00	0.00	0.00
AVERAGE DAILY FLOW INTO MCCLURE	3.18	6.93	2.94

Signed _____, Sangre De Cristo Water - Operations Manager

Signed _____, Sangre De Cristo Water - Director

STATE ENGINEERS OFFICE
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SANGRE DE CRISTO WATER
MONTHLY WATER REPORT IN MILLIONS OF GALLONS

December 2017

	Current month	Previous month	This Month Last Year	Current y-t-d	Previous y-t-d
Surface Production					
Treatment Plant	62.685	92.767	40.840	1087.039	990.943
St. Michaels	11.826	1.925	14.273	46.526	57.095
TOTAL	74.511	94.692	55.113	1133.565	1048.038
CITY WELL PRODUCTION					
Agua Fria	0.000	1.350	0.000	8.240	30.773
Alto	0.000	0.195	0.000	1.194	0.865
Ferguson	0.000	0.172	0.000	5.775	5.280
Santa Fe	0.000	0.000	0.000	0.000	0.000
Torreón	1.054	0.635	17.490	44.910	52.482
Northwest	0.000	0.000	4.490	82.039	126.057
TOTAL	1.054	2.906	21.980	142.712	223.067
Osage	0.000	0.554	0.000	0.554	7.610
BUCKMAN WELL PRODUCTION					
Buckman #1	3.321	0.349	0.715	109.366	75.584
Buckman #2	0.000	0.000	0.000	0.000	0.000
Buckman #3	0.000	0.000	0.000	0.000	12.108
Buckman #4	0.000	0.000	0.000	9.694	28.009
Buckman #5	0.000	0.000	0.000	0.000	0.004
Buckman #6	1.875	0.000	0.918	73.212	71.730
Buckman #7	0.000	0.000	0.000	0.064	29.081
Buckman #8	1.542	0.843	0.444	22.003	49.149
Buckman #9	0.000	0.000	0.000	0.014	6.267
Buckman #10	0.000	0.000	0.000	0.016	9.349
Buckman #11	0.000	0.000	0.000	1.721	1.436
Buckman #12	0.000	0.000	0.000	0.001	9.642
Buckman #13	0.000	0.002	0.000	3.561	8.995
TOTAL	6.738	1.194	2.077	219.652	301.354

CANYON INFORMATION - Reservoir information as recorded last Day in the month

RESERVOIR	Current Month	Previous Month	This Month Last Year
MCCLURE (1061 MG Capacity)	444	472	171
NICHOLS (223 MG Capacity)	111	118	105
TOTAL STORAGE	555	589	276
ACEQUIA DITCH RELEASE	0.000	0.000	0.000
AVERAGE DAILY FLOW INTO MCCLURE	1.035	2.259	0.960

Signed _____ Sangre De Cristo Water - Operations Manager

Signed _____ Sangre De Cristo Water - Director

Northwest

Report Date: 12/31/2017

Date	NW Mtr Flow Mgd Formula	NW Mtr HoursRan HRS/DAY Formula	NW Mtr Flow Gpm Formula	NW Mtr Hour Meter Daily	NW Mtr Flow Meter Daily	NW Mtr Well Depth
12/01	0.000	0.0		41316	81977	
12/02	0.000	0.0		41316	81977	
12/03	0.000	0.0		41316	81977	
12/04	0.000	0.0		41316	81977	
12/05	0.000	0.0		41316	81977	
12/06	0.000	0.0		41316	81977	
12/07	0.000	0.0		41316	81977	
12/08	0.000	0.0		41316	81977	
12/09	0.000	0.0		41316	81977	
12/10	0.000	0.0		41316	81977	
12/11	0.000	0.0		41316	81977	
12/12	0.000	0.0		41316	81977	
12/13	0.000	0.0		41316	81977	
12/14	0.000	0.0		41316	81977	
12/15	0.000	0.0		41316	81977	
12/16	0.000	0.0		41316	81977	
12/17	0.000	0.0		41316	81977	
12/18	0.000	0.0		41316	81977	
12/19	0.000	0.0		41316	81977	
12/20	0.000	0.0		41316	81977	
12/21	0.000	0.0		41316	81977	
12/22	0.000	0.0		41316	81977	
12/23	0.000	0.0		41316	81977	
12/24	0.000	0.0		41316	81977	
12/25	0.000	0.0		41316	81977	
12/26	0.000	0.0		41316	81977	
12/27	0.000	0.0		41316	81977	
12/28	0.000	0.0		41316	81977	
12/29	0.000	0.0		41316	81977	
12/30	0.000	0.0		41316	81977	
12/31	0.000	0.0		41316	81977	468.10
Total	0.000	0.0				

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2018 JAN 17 PM 4:02

Well 10

Report Date: 12/31/2017

Date	BW10 Mtr Flow Mgd	BW10 Mtr HRS/DAY	BW10 Mtr Flow Gpm	BW10 Mtr Hour Readings	BW10 Mtr Meter	BW10 Mtr Well Depth
12/01	0.000	0.0		2662	16	
12/02	0.000	0.0		2662	16	
12/03	0.000	0.0		2662	16	
12/04	0.000	0.0		2662	16	
12/05	0.000	0.0		2662	16	
12/06	0.000	0.0		2662	16	
12/07	0.000	0.0		2662	16	
12/08	0.000	0.0		2662	16	
12/09	0.000	0.0		2662	16	
12/10	0.000	0.0		2662	16	
12/11	0.000	0.0		2662	16	
12/12	0.000	0.0		2662	16	
12/13	0.000	0.0		2662	16	
12/14	0.000	0.0		2662	16	
12/15	0.000	0.0		2662	16	
12/16	0.000	0.0		2662	16	
12/17	0.000	0.0		2662	16	
12/18	0.000	0.0		2662	16	
12/19	0.000	0.0		2662	16	
12/20	0.000	0.0		2662	16	
12/21	0.000	0.0		2662	16	
12/22	0.000	0.0		2662	16	
12/23	0.000	0.0		2662	16	
12/24	0.000	0.0		2662	16	
12/25	0.000	0.0		2662	16	
12/26	0.000	0.0		2662	16	
12/27	0.000	0.0		2662	16	
12/28	0.000	0.0		2662	16	
12/29	0.000	0.0		2662	16	
12/30	0.000	0.0		2662	16	
12/31	0.000	0.0		2662	16	328.00
Total	0.000	0.0				

Well 11

Report Date: 12/31/2017

Date	BW11 Mtr Flow Mgd	BW11 Mtr HRS/DAY	BW11 Mtr Flow Gpm	BW11 Mtr Hour Readings	BW11 Mtr Meter	BW11 Mtr Well Depth
12/01	0.000	0.0		8011	1721	
12/02	0.000	0.0		8011	1721	
12/03	0.000	0.0		8011	1721	
12/04	0.000	0.0		8011	1721	
12/05	0.000	0.0		8011	1721	
12/06	0.000	0.0		8011	1721	
12/07	0.000	0.0		8011	1721	
12/08	0.000	0.0		8011	1721	
12/09	0.000	0.0		8011	1721	
12/10	0.000	0.0		8011	1721	
12/11	0.000	0.0		8011	1721	
12/12	0.000	0.0		8011	1721	
12/13	0.000	0.0		8011	1721	
12/14	0.000	0.0		8011	1721	
12/15	0.000	0.0		8011	1721	
12/16	0.000	0.0		8011	1721	
12/17	0.000	0.0		8011	1721	
12/18	0.000	0.0		8011	1721	
12/19	0.000	0.0		8011	1721	
12/20	0.000	0.0		8011	1721	
12/21	0.000	0.0		8011	1721	
12/22	0.000	0.0		8011	1721	
12/23	0.000	0.0		8011	1721	
12/24	0.000	0.0		8011	1721	
12/25	0.000	0.0		8011	1721	
12/26	0.000	0.0		8011	1721	
12/27	0.000	0.0		8011	1721	
12/28	0.000	0.0		8011	1721	
12/29	0.000	0.0		8011	1721	
12/30	0.000	0.0		8011	1721	
12/31	0.000	0.0		8011	1721	388.00
Total	0.000	0.0				

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Well 12

Report Date: 12/31/2017

Date	BW12 Mtr Flow Mgd	BW12 Mtr HRS/DAY	BW12 Mtr Flow Gpm	BW12 Mtr Hour Readings	BW12 Mtr Meter	BW12 Mtr Well Depth
12/01	0.000	0.0		7774	1	
12/02	0.000	0.0		7774	1	
12/03	0.000	0.0		7774	1	
12/04	0.000	0.0		7774	1	
12/05	0.000	0.0		7774	1	
12/06	0.000	0.0		7774	1	
12/07	0.000	0.0		7774	1	
12/08	0.000	0.0		7774	1	
12/09	0.000	0.0		7774	1	
12/10	0.000	0.0		7774	1	
12/11	0.000	0.0		7774	1	
12/12	0.000	0.0		7774	1	
12/13	0.000	0.0		7774	1	
12/14	0.000	0.0		7774	1	
12/15	0.000	0.0		7774	1	
12/16	0.000	0.0		7774	1	
12/17	0.000	0.0		7774	1	
12/18	0.000	0.0		7774	1	
12/19	0.000	0.0		7774	1	
12/20	0.000	0.0		7774	1	
12/21	0.000	0.0		7774	1	
12/22	0.000	0.0		7774	1	
12/23	0.000	0.0		7774	1	
12/24	0.000	0.0		7774	1	
12/25	0.000	0.0		7774	1	
12/26	0.000	0.0		7774	1	
12/27	0.000	0.0		7774	1	
12/28	0.000	0.0		7774	1	
12/29	0.000	0.0		7774	1	
12/30	0.000	0.0		7774	1	
12/31	0.000	0.0		7774	1	394.70
Total	0.000	0.0				

Well 13

Report Date: 12/31/2017

Date	BW13 Mtr Flow Mgd	BW13 Mtr HRS/DAY	BW13 Mtr Flow Gpm	BW13 Mtr Hour Readings	BW13 Mtr Meter	BW13 Mtr Well Depth
12/01	0.000	0.0		4275	3563	
12/02	0.000	0.0		4275	3563	
12/03	0.000	0.0		4275	3563	
12/04	0.000	0.0		4275	3563	
12/05	0.000	0.0		4275	3563	
12/06	0.000	0.0		4275	3563	
12/07	0.000	0.0		4275	3563	
12/08	0.000	0.0		4275	3563	
12/09	0.000	0.0		4275	3563	
12/10	0.000	0.0		4275	3563	
12/11	0.000	0.0		4275	3563	
12/12	0.000	0.0		4275	3563	
12/13	0.000	0.0		4275	3563	
12/14	0.000	0.0		4275	3563	
12/15	0.000	0.0		4275	3563	
12/16	0.000	0.0		4275	3563	
12/17	0.000	0.0		4275	3563	
12/18	0.000	0.0		4275	3563	
12/19	0.000	0.0		4275	3563	
12/20	0.000	0.0		4275	3563	
12/21	0.000	0.0		4275	3563	
12/22	0.000	0.0		4275	3563	
12/23	0.000	0.0		4275	3563	
12/24	0.000	0.0		4275	3563	
12/25	0.000	0.0		4275	3563	
12/26	0.000	0.0		4275	3563	
12/27	0.000	0.0		4275	3563	
12/28	0.000	0.0		4275	3563	
12/29	0.000	0.0		4275	3563	
12/30	0.000	0.0		4275	3563	
12/31	0.000	0.0		4275	3563	313.00
Total	0.000	0.0				

STATE ENGINEERS OFFICE
SANTA FE, NEW MEXICO

2018 JAN 17 PM 4:03

Well 9

Report Date: 12/31/2017

Date	BW9 Mtr Flow Mgd	BW9 Mtr HRS/DAY	BW9 Mtr Flow Gpm	BW9 Mtr Hour Readings	BW9 Mtr Meter	BW9 Mtr Well Depth
12/01	0.000	0.0		995	14	
12/02	0.000	0.0		995	14	
12/03	0.000	0.0		995	14	
12/04	0.000	0.0		995	14	
12/05	0.000	0.0		995	14	
12/06	0.000	0.0		995	14	
12/07	0.000	0.0		995	14	
12/08	0.000	0.0		995	14	
12/09	0.000	0.0		995	14	
12/10	0.000	0.0		995	14	
12/11	0.000	0.0		995	14	
12/12	0.000	0.0		995	14	
12/13	0.000	0.0		995	14	
12/14	0.000	0.0		995	14	
12/15	0.000	0.0		995	14	
12/16	0.000	0.0		995	14	
12/17	0.000	0.0		995	14	
12/18	0.000	0.0		995	14	
12/19	0.000	0.0		995	14	
12/20	0.000	0.0		995	14	
12/21	0.000	0.0		995	14	
12/22	0.000	0.0		995	14	
12/23	0.000	0.0		995	14	
12/24	0.000	0.0		995	14	
12/25	0.000	0.0		995	14	
12/26	0.000	0.0		995	14	
12/27	0.000	0.0		995	14	
12/28	0.000	0.0		995	14	
12/29	0.000	0.0		995	14	
12/30	0.000	0.0		995	14	
12/31	0.000	0.0		995	14	148.40
Total	0.000	0.0				

SANGRE DE CRISTO WATER

Monthly Well Report

December 2017

	Alto	Torreon	Ferguson	Santa Fe	Agua Fria	Northwest	Osage
Depth	200.00	196.10	218.00	285.20	165.90	468.10	114.20
Status	OFF	OFF	OFF	OFF	OFF	OFF	OFF

	St. Mikes	Well 1	Well 2	Well 3	Well 4	Well 5	Well 6
Depth	420.00	5.00	13.70	191.00	45.00	120.40	109.60
Status	OFF	OFF	OFF	OFF	OFF	OFF	OFF

	Well 7	Well 8	Well 9	Well 10	Well 11	Well 12	Well 13
Depth	62.00	10.00	148.40	328.00	388.00	394.70	313.00
Status	OFF	OFF	OFF	OFF	OFF	OFF	OFF

	Skillet	Permit	Hickox 1	Hickox 2	Well
Depth	190.40		225.90	230.20	

STATE ENGINEERS OFFICE
SANTA FE, NEW MEXICO
2018 JAN 17 PM 4:03

cc:Doug Rappuhn, OSE

December 2017

Date	Booster 4A		Booster 5A		Total BDD MGD	Total BDD Ac.Ft.	BOOSTER 4A				BOOSTER 5A			
	MGD	MGD	MGD	MGD			Cl2 Free mg/L	pH S.U.	FI mg/L	Zinc mg/L	Cl2 Free mg/L	pH S.U.	FI mg/L	Zinc mg/L
01-Dec	1.460	1.800	3.260	10.002			1.26	7.8	0.75	0.5	1.22	7.8	0.61	0.5
02-Dec	1.460	1.629	3.089	9.479			1.37	7.8	0.76	0.5	1.29	7.8	0.61	0.5
03-Dec	1.460	1.629	3.089	9.478			1.28	7.8	0.70	0.5	1.25	7.7	0.60	0.5
04-Dec	1.459	1.587	3.046	9.347			1.25	7.7	0.71	0.5	1.26	7.7	0.63	0.5
05-Dec	1.459	1.807	3.265	10.020			1.24	7.7	0.55	0.5	1.23	7.7	0.60	0.5
06-Dec	0.556	1.743	2.299	7.054			1.24	7.7	0.57	0.5	1.22	7.7	0.62	0.5
07-Dec	1.010	1.620	2.630	8.070			1.20	7.7	0.74	0.5	1.14	7.7	0.61	0.5
08-Dec	1.943	1.342	3.285	10.080			1.09	7.7	0.79	0.5	1.04	7.7	0.59	0.5
09-Dec	2.400	1.516	3.916	12.017			1.08	7.8	0.81	0.5	0.96	7.8	0.68	0.5
10-Dec	2.400	1.562	3.962	12.156			1.06	7.7	0.80	0.5	1.19	7.7	0.71	0.5
11-Dec	2.937	1.607	4.544	13.943			1.12	7.8	0.82	0.5	1.09	7.8	0.72	0.5
12-Dec	2.571	1.618	4.189	12.854			1.02	7.8	0.83	0.5	0.99	7.8	0.74	0.5
13-Dec	2.428	1.585	4.013	12.313			1.03	7.9	0.89	0.5	1.11	7.9	0.71	0.5
14-Dec	2.057	1.525	3.582	10.991			1.02	7.8	0.81	0.5	1.03	7.8	0.76	0.5
15-Dec	1.943	1.545	3.488	10.704			1.09	7.8	0.83	0.5	1.09	7.8	0.74	0.5
16-Dec	1.943	1.609	3.552	10.899			1.13	7.8	0.89	0.5	1.08	7.8	0.73	0.5
17-Dec	1.943	1.565	3.508	10.766			1.14	7.9	0.89	0.5	1.11	7.8	0.75	0.5
18-Dec	1.762	1.468	3.230	9.911			1.12	7.8	0.80	0.5	1.19	7.8	0.76	0.5
19-Dec	1.440	1.445	2.885	8.852			1.11	7.8	0.79	0.5	1.12	7.8	0.75	0.5
20-Dec	1.504	1.553	3.057	9.382			1.13	7.8	0.81	0.5	1.14	7.8	0.75	0.5
21-Dec	1.835	1.511	3.346	10.267			1.17	7.9	0.82	0.5	1.22	7.8	0.80	0.5
22-Dec	2.309	1.492	3.801	11.663			1.20	7.8	0.84	0.5	1.14	7.8	0.76	0.5
23-Dec	2.427	1.572	4.000	12.273			1.21	7.8	0.92	0.5	1.14	7.8	0.81	0.5
24-Dec	2.428	1.556	3.984	12.226			1.12	7.8	0.87	0.5	1.16	7.8	0.82	0.5
25-Dec	1.832	1.420	3.251	9.976			0.99	7.8	0.92	0.5	1.07	7.8	0.53	0.5
26-Dec	2.142	1.512	3.655	11.215			0.91	7.8	0.98	0.5	1.01	7.8	0.53	0.5
27-Dec	2.610	1.581	4.191	12.859			0.91	8.0	1.13	0.5	1.01	7.9	0.54	0.5
28-Dec	2.937	1.582	4.520	13.869			0.97	7.9	1.08	0.5	1.06	7.8	0.54	0.5
29-Dec	2.937	1.563	4.500	13.810			0.95	7.9	1.09	0.5	0.98	7.8	0.79	0.5
30-Dec	2.744	1.656	4.401	13.503			1.12	7.9	1.11	0.5	1.10	7.8	0.80	0.5
31-Dec	2.429	1.602	4.031	12.370			1.13	7.8	1.12	0.5	1.09	7.8	0.82	0.5
TOTAL	62.764	48.803	111.568	342.346										