

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3
FRIC	19990813	0	18.5	23.38487
FRIC	19990813	1	15.875	22.10326
FRIC	19990813	2	14.625	22.45687
FRIC	19990813	3	14.75	24.33597
FRIC	19990813	4	16	27.8118
FRIC	19990813	5	19	32.8354
FRIC	19990813	6	23.25	39.07361
FRIC	19990813	7	30	46.16895
FRIC	19990813	8	38.625	52.93634
FRIC	19990813	9	48.375	58.72649
FRIC	19990813	10	57.75	62.88744
FRIC	19990813	11	61.625	65.47269
FRIC	19990813	12	63.125	65.03679
FRIC	19990813	13	65.625	61.64497
FRIC	19990813	14	67.375	56.65374
FRIC	19990813	15	66.75	50.86879
FRIC	19990813	16	63.25	44.79659
FRIC	19990813	17	58.5	38.87228
FRIC	19990813	18	53.25	33.58105
FRIC	19990813	19	51.875	28.75747
FRIC	19990813	20	51.125	25.91197
FRIC	19990813	21	47	25.24293
FRIC	19990813	22	43.25	26.09829
FRIC	19990813	23	39.5	26.94141
FRIC	19990814	0	37.625	28.12756
FRIC	19990814	1	37.375	31.19657
FRIC	19990814	2	38.75	35.60706
FRIC	19990814	3	42.25	40.73562
FRIC	19990814	4	47.375	45.92417
FRIC	19990814	5	52.875	50.66577
FRIC	19990814	6	58.25	54.56294
FRIC	19990814	7	64.5	58.7092
FRIC	19990814	8	69.875	62.48275
FRIC	19990814	9	73.875	64.21476
FRIC	19990814	10	76.75	64.41488
FRIC	19990814	11	78.25	63.11854
FRIC	19990814	12	77	60.17409
FRIC	19990814	13	74.5	56.5182
FRIC	19990814	14	71.625	52.15129
FRIC	19990814	15	68.375	47.07431
FRIC	19990814	16	65	41.74081
FRIC	19990814	17	61.875	36.64361
FRIC	19990814	18	-999	31.97689
FRIC	19990814	19	-999	28.16515
FRIC	19990814	20	-999	26.07695
FRIC	19990814	21	-999	24.9558

FRIC	19990814	22	-999	24.68862
FRIC	19990814	23	-999	24.60373
FRIC	19990815	0	-999	25.77927
FRIC	19990815	1	-999	29.66203
FRIC	19990815	2	-999	35.50346
FRIC	19990815	3	44.25	42.89731
FRIC	19990815	4	47.875	50.59582
FRIC	19990815	5	52.5	57.98982
FRIC	19990815	6	58.625	64.77665
FRIC	19990815	7	65.25	71.26741
FRIC	19990815	8	71.125	76.15732
FRIC	19990815	9	74.875	78.0809
FRIC	19990815	10	76.75	77.56944
FRIC	19990815	11	76.625	74.66922
FRIC	19990815	12	74.375	70.20168
FRIC	19990815	13	70.75	66.80196
FRIC	19990815	14	66.625	64.18837
FRIC	19990815	15	63.875	61.61551
FRIC	19990815	16	60.75	59.28826
FRIC	19990815	17	57.5	56.10802
FRIC	19990815	18	54.25	52.45221
FRIC	19990815	19	51.375	49.09514
FRIC	19990815	20	49.125	46.13185
FRIC	19990815	21	47	41.88566
FRIC	19990815	22	44	37.14212
FRIC	19990815	23	37.625	32.32014
FRIC	19990816	0	33.375	27.96199
FRIC	19990816	1	32.25	26.92064
FRIC	19990816	2	33.75	28.39894
FRIC	19990816	3	37.25	32.43142
FRIC	19990816	4	42.75	38.59436
FRIC	19990816	5	50	46.45803
FRIC	19990816	6	58.375	54.97754
FRIC	19990816	7	68.125	63.77883
FRIC	19990816	8	75.625	71.4444
FRIC	19990816	9	80.875	76.29885
FRIC	19990816	10	83.625	78.88777
FRIC	19990816	11	83.625	78.47134
FRIC	19990816	12	80.875	75.40106
FRIC	19990816	13	76.625	70.64809
FRIC	19990816	14	72.5	65.67557
FRIC	19990816	15	68.25	61.70371
FRIC	19990816	16	63.875	59.95635
FRIC	19990816	17	59.25	59.23594
FRIC	19990816	18	56	58.49509
FRIC	19990816	19	52.75	57.60922
FRIC	19990816	20	49.75	56.52729
FRIC	19990816	21	47.25	54.5849
FRIC	19990816	22	42.875	51.39951
FRIC	19990816	23	37.625	46.33111
FRIC	19990817	0	33.75	40.25402

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FRIC	19990817	2	38	32.3325
FRIC	19990817	3	42.25	33.03495
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FRIC	19990817	5	60.75	42.81285
FRIC	19990817	6	74.5	50.67046
FRIC	19990817	7	91.125	59.67901
FRIC	19990817	8	106.75	68.03631
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FRIC	19990817	10	125	78.0408
FRIC	19990817	11	126.25	77.19512
FRIC	19990817	12	123	72.66814
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FRIC	19990817	14	107.5	56.31865
FRIC	19990817	15	96.5	47.7635
FRIC	19990817	16	84.75	39.99004
FRIC	19990817	17	71.375	32.75691
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FRIC	19990817	19	-999	22.03919
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FRIC	19990817	21	-999	17.75083
FRIC	19990817	22	-999	17.17008
FRIC	19990817	23	-999	16.6093
FRIC	19990818	0	-999	16.34373
FRIC	19990818	1	-999	17.26987
FRIC	19990818	2	-999	19.96339
FRIC	19990818	3	36.125	25.4523
FRIC	19990818	4	42.5	33.98484
FRIC	19990818	5	50.625	45.24528
FRIC	19990818	6	62.5	58.08992
FRIC	19990818	7	77.5	71.53451
FRIC	19990818	8	91.125	84.66801
FRIC	19990818	9	101.5	96.01843
FRIC	19990818	10	109.875	104.6764
FRIC	19990818	11	116	109.0774
FRIC	19990818	12	114.75	108.4034
FRIC	19990818	13	110.375	102.885
FRIC	19990818	14	104.25	94.61732
FRIC	19990818	15	95.5	84.37496
FRIC	19990818	16	84.875	72.65075
FRIC	19990818	17	71.625	60.28843
FRIC	19990818	18	58.5	48.24305
FRIC	19990818	19	45.625	37.67297
FRIC	19990818	20	38.25	29.44056
FRIC	19990818	21	32	23.64945
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FRIC	19990819	2	21.75	23.30465
FRIC	19990819	3	26.75	31.40951

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FRIC	19990819	6	47.75	57.15229
FRIC	19990819	7	57	65.26063
FRIC	19990819	8	63.5	72.47098
FRIC	19990819	9	70.125	77.216
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FRIC	19990819	15	72	63.26775
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FRIC	19990819	19	56.625	60.19137
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FRIC	19990819	23	44.375	56.24012
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FRIC	19990820	3	45.375	47.47121
FRIC	19990820	4	47.375	48.79844
FRIC	19990820	5	49.5	51.05883
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FRIC	19990820	13	64.5	62.81631
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FRIC	19990820	15	60.625	53.59769
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FRIC	19990821	0	40.75	28.30491
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FRIC	19990821	19	-999	47.3064
FRIC	19990821	20	-999	44.91323
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FRIC	19990822	9	83.5	88.07528
FRIC	19990822	10	87.5	86.92045
FRIC	19990822	11	88.375	82.31414
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FRIC	19990822	16	61.625	47.08145
FRIC	19990822	17	55.625	41.07033
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FRIC	19990822	21	34.75	23.64444
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FRIC	19990823	6	26.25	36.17759
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FRIC	19990823	11	49.125	69.28069
FRIC	19990823	12	48.25	66.40793
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FRIC	19990823	19	23.125	14.33877
FRIC	19990823	20	21.75	10.73417
FRIC	19990823	21	21	8.670725
FRIC	19990823	22	19.375	7.625589
FRIC	19990823	23	16.625	7.296429
FRIC	19990824	0	14	7.755556
FRIC	19990824	1	13.25	9.447921
FRIC	19990824	2	13.5	12.40721
FRIC	19990824	3	14.875	16.95506
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FRIC	19990824	5	23.875	31.21086
FRIC	19990824	6	31.25	39.72044
FRIC	19990824	7	39.75	47.35969
FRIC	19990824	8	47.625	53.39523
FRIC	19990824	9	54.125	57.20058
FRIC	19990824	10	58.375	59.05878
FRIC	19990824	11	62.125	59.13881
FRIC	19990824	12	63.875	56.87734
FRIC	19990824	13	64	51.95333
FRIC	19990824	14	62.25	45.84689
FRIC	19990824	15	59.625	40.68633
FRIC	19990824	16	57.375	36.86675
FRIC	19990824	17	54.25	34.26712
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FRIC	19990825	2	-999	31.1491
FRIC	19990825	3	40.875	33.85638
FRIC	19990825	4	44.5	38.29851
FRIC	19990825	5	49.75	44.07497
FRIC	19990825	6	57.625	50.61029
FRIC	19990825	7	67.125	58.2287
FRIC	19990825	8	74.5	65.40597
FRIC	19990825	9	80.5	70.00896
FRIC	19990825	10	85.375	70.98174
FRIC	19990825	11	-999	70.15734
FRIC	19990825	12	-999	65.96655

FRIC	19990825	13	-999	58.574
FRIC	19990825	14	-999	49.08084
FRIC	19990825	15	-999	38.74891
FRIC	19990825	16	-999	29.23523
FRIC	19990825	17	-999	21.96188
FRIC	19990825	18	-999	16.89478
FRIC	19990825	19	35.75	13.09452
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FRIC	19990826	3	25.625	25.15766
FRIC	19990826	4	29.875	34.89978
FRIC	19990826	5	36	46.32629
FRIC	19990826	6	43.875	59.83138
FRIC	19990826	7	53.875	74.89846
FRIC	19990826	8	64.875	88.20372
FRIC	19990826	9	74.125	98.12912
FRIC	19990826	10	80	101.1277
FRIC	19990826	11	84.375	98.08592
FRIC	19990826	12	84	91.48029
FRIC	19990826	13	79.375	82.22469
FRIC	19990826	14	72.375	70.02749
FRIC	19990826	15	63.75	56.07809
FRIC	19990826	16	54.25	43.23193
FRIC	19990826	17	45.5	33.51298
FRIC	19990826	18	39.875	28.06611
FRIC	19990826	19	33.5	24.6253
FRIC	19990826	20	32	22.56595
FRIC	19990826	21	32.875	21.77882
FRIC	19990826	22	35	22.00318
FRIC	19990826	23	36.875	21.9103
FRIC	19990827	0	38.25	22.03452
FRIC	19990827	1	40.375	23.15042
FRIC	19990827	2	42.625	27.90716
FRIC	19990827	3	45.125	35.53131
FRIC	19990827	4	47.125	44.71088
FRIC	19990827	5	50.375	54.99049
FRIC	19990827	6	54.125	66.53896
FRIC	19990827	7	56.25	79.74064
FRIC	19990827	8	57.625	91.03223
FRIC	19990827	9	57.75	96.97167
FRIC	19990827	10	56.625	95.82592
FRIC	19990827	11	55.25	90.80458
FRIC	19990827	12	52.25	81.35753
FRIC	19990827	13	49.125	69.07124
FRIC	19990827	14	46.5	55.6184
FRIC	19990827	15	46.125	42.05085

FRIC	19990827	16	45.125	30.70417
FRIC	19990827	17	44	23.63782
FRIC	19990827	18	42.875	20.73459
FRIC	19990827	19	41.5	18.67641
FRIC	19990827	20	40.375	18.88697
FRIC	19990827	21	38.625	20.7829
FRIC	19990827	22	36	22.96134
FRIC	19990827	23	33	23.98134
FRIC	19990828	0	31.25	24.45601
FRIC	19990828	1	30.75	26.23974
FRIC	19990828	2	33	29.65604
FRIC	19990828	3	37.75	35.91327
FRIC	19990828	4	44	45.81834
FRIC	19990828	5	50.75	57.52746
FRIC	19990828	6	58.125	68.98735
FRIC	19990828	7	66.25	81.08084
FRIC	19990828	8	72.75	92.6047
FRIC	19990828	9	78.25	100.5937
FRIC	19990828	10	81.5	102.6959
FRIC	19990828	11	82	98.80711
FRIC	19990828	12	80	88.51175
FRIC	19990828	13	77.625	74.45577
FRIC	19990828	14	75.375	60.24111
FRIC	19990828	15	72.625	47.62478
FRIC	19990828	16	70	37.39769
FRIC	19990828	17	67	29.94932
FRIC	19990828	18	-999	26.17909
FRIC	19990828	19	-999	25.39528
FRIC	19990828	20	-999	27.37322
FRIC	19990828	21	-999	31.24519
FRIC	19990828	22	-999	35.63838
FRIC	19990828	23	-999	38.22741
FRIC	19990829	0	-999	39.3927
FRIC	19990829	1	-999	41.94803
FRIC	19990829	2	-999	47.92229
FRIC	19990829	3	53	56.70254
FRIC	19990829	4	58.125	66.17921
FRIC	19990829	5	64.625	74.87637
FRIC	19990829	6	70.25	82.60929
FRIC	19990829	7	75.875	90.08302
FRIC	19990829	8	79.625	96.59787
FRIC	19990829	9	81.375	99.98877
FRIC	19990829	10	81	98.53912
FRIC	19990829	11	79.75	92.4234
FRIC	19990829	12	77.125	84.27
FRIC	19990829	13	72.5	76.11473
FRIC	19990829	14	68	68.35712
FRIC	19990829	15	64.125	61.38609
FRIC	19990829	16	61.125	55.66286
FRIC	19990829	17	57.75	50.88664
FRIC	19990829	18	54.25	46.92341

FRIC	19990829	19	51.125	44.42199
FRIC	19990829	20	49.625	42.77316
FRIC	19990829	21	49.625	41.13397
FRIC	19990829	22	48.875	39.08683
FRIC	19990829	23	47.125	35.29177
FRIC	19990830	0	45.5	31.36368
FRIC	19990830	1	45.75	28.70057
FRIC	19990830	2	48.75	29.92894
FRIC	19990830	3	53.625	34.65065
FRIC	19990830	4	58.875	41.32615
FRIC	19990830	5	63.75	48.09816
FRIC	19990830	6	68.5	55.0875
FRIC	19990830	7	73.125	63.42205
FRIC	19990830	8	77.125	70.99524
FRIC	19990830	9	79.75	76.35673
FRIC	19990830	10	80.375	77.33206
FRIC	19990830	11	78.875	74.14829
FRIC	19990830	12	75.5	68.4047
FRIC	19990830	13	72.125	62.4123
FRIC	19990830	14	69.25	56.61797
FRIC	19990830	15	66	51.32711
FRIC	19990830	16	63	47.02874
FRIC	19990830	17	59.875	44.18591
FRIC	19990830	18	56.125	42.57594
FRIC	19990830	19	52.25	42.24173
FRIC	19990830	20	49.875	42.95596
FRIC	19990830	21	47.5	44.13561
FRIC	19990830	22	44	45.05741
FRIC	19990830	23	40.875	44.02836
FRIC	19990831	0	39.875	41.96988
FRIC	19990831	1	40.25	40.45981
FRIC	19990831	2	42.875	42.09123
FRIC	19990831	3	47.25	45.34805
FRIC	19990831	4	52	48.51691
FRIC	19990831	5	56.875	51.72433
FRIC	19990831	6	62.875	55.33059
FRIC	19990831	7	69.375	60.59242
FRIC	19990831	8	74	66.13661
FRIC	19990831	9	77.5	70.14722
FRIC	19990831	10	79.5	69.9006
FRIC	19990831	11	78.25	66.59519
FRIC	19990831	12	75.125	62.55098
FRIC	19990831	13	71.5	58.45255
FRIC	19990831	14	67.875	54.41332
FRIC	19990831	15	63.875	50.62798
FRIC	19990831	16	59.25	47.42629
FRIC	19990831	17	54.125	45.03519
FRIC	19990831	18	-999	43.6145
FRIC	19990831	19	-999	43.75009
FRIC	19990831	20	-999	44.89661
FRIC	19990831	21	-999	46.4005

FRIC	19990831	22	-999	47.8977
FRIC	19990831	23	-999	47.97757
FRIC	19990901	0	-999	47.55716
FRIC	19990901	1	-999	48.75934
FRIC	19990901	2	-999	51.43341
FRIC	19990901	3	39.625	55.91994
FRIC	19990901	4	44.875	61.45721
FRIC	19990901	5	50.125	66.20206
FRIC	19990901	6	57.5	70.02933
FRIC	19990901	7	64	74.54558
FRIC	19990901	8	69.75	78.74557
FRIC	19990901	9	73.125	80.34473
FRIC	19990901	10	74.625	79.48297
FRIC	19990901	11	72.875	76.18371
FRIC	19990901	12	69	71.37676
FRIC	19990901	13	65.375	66.84313
FRIC	19990901	14	62.125	62.73113
FRIC	19990901	15	59.375	58.63784
FRIC	19990901	16	56.125	54.57817
FRIC	19990901	17	-999	0
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FRIC	19990901	19	-999	0
FRIC	19990901	20	-999	0
FRIC	19990901	21	-999	0
FRIC	19990901	22	-999	0
FRIC	19990901	23	-999	0
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DHIC	19990813	1	9.25	24.9793
DHIC	19990813	2	8.875	25.86644
DHIC	19990813	3	10.375	28.27836
DHIC	19990813	4	13.625	32.18832
DHIC	19990813	5	17.125	37.42568
DHIC	19990813	6	23.625	44.13599
DHIC	19990813	7	31.375	51.74329
DHIC	19990813	8	38.25	58.92643
DHIC	19990813	9	44	64.81222
DHIC	19990813	10	47	68.2567
DHIC	19990813	11	46.125	68.55643
DHIC	19990813	12	41.25	64.76661
DHIC	19990813	13	36.25	57.54895
DHIC	19990813	14	36	48.09367
DHIC	19990813	15	33.75	38.18668
DHIC	19990813	16	30.875	28.4615
DHIC	19990813	17	28.5	19.21844
DHIC	19990813	18	28.5	11.39345
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DHIC	19990814	5	60.5	53.60593
DHIC	19990814	6	70	63.25507
DHIC	19990814	7	79.25	72.14044
DHIC	19990814	8	86.625	79.05447
DHIC	19990814	9	91.875	82.36841
DHIC	19990814	10	94.125	82.1268
DHIC	19990814	11	92.25	78.39319
DHIC	19990814	12	87	71.38521
DHIC	19990814	13	80	62.47233
DHIC	19990814	14	73.375	52.8535
DHIC	19990814	15	67.5	42.94929
DHIC	19990814	16	62	33.86428
DHIC	19990814	17	55.5	26.34892
DHIC	19990814	18	50	20.73411
DHIC	19990814	19	46.875	17.33735
DHIC	19990814	20	44.125	16.92612
DHIC	19990814	21	42.125	18.4587
DHIC	19990814	22	40.25	20.58359
DHIC	19990814	23	37.375	22.65877
DHIC	19990815	0	35.375	25.53252
DHIC	19990815	1	36	30.68431
DHIC	19990815	2	38.5	37.10611
DHIC	19990815	3	41.25	44.37502
DHIC	19990815	4	46.5	52.38558
DHIC	19990815	5	52.75	60.9362
DHIC	19990815	6	59.875	69.80508
DHIC	19990815	7	68.625	79.00205
DHIC	19990815	8	77.375	86.52085
DHIC	19990815	9	83.5	90.14658
DHIC	19990815	10	86.5	90.40384
DHIC	19990815	11	85.5	87.78543
DHIC	19990815	12	81.5	81.90974
DHIC	19990815	13	76	76.37266
DHIC	19990815	14	69.625	70.83858
DHIC	19990815	15	62.625	64.7463
DHIC	19990815	16	55.875	59.29178
DHIC	19990815	17	47.625	54.11974
DHIC	19990815	18	40.125	50.08571
DHIC	19990815	19	35.25	47.30352
DHIC	19990815	20	30.625	46.04692
DHIC	19990815	21	26	43.28002
DHIC	19990815	22	21.75	39.14393
DHIC	19990815	23	17.375	34.35194
DHIC	19990816	0	13.875	29.91351
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DHIC	19990816	2	16.125	29.81989
DHIC	19990816	3	20.625	33.72269

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DHIC	19990816	5	38.5	46.51443
DHIC	19990816	6	50.125	55.63451
DHIC	19990816	7	62.125	66.41188
DHIC	19990816	8	71.875	76.40816
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DHIC	19990816	12	85.25	78.86697
DHIC	19990816	13	79.75	71.86093
DHIC	19990816	14	71	64.43136
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DHIC	19990816	18	29.75	44.32284
DHIC	19990816	19	22	41.8333
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DHIC	19990816	21	9.75	39.33268
DHIC	19990816	22	6.375	36.24478
DHIC	19990816	23	4	32.0443
DHIC	19990817	0	4	27.18495
DHIC	19990817	1	6.125	23.44911
DHIC	19990817	2	14.125	22.97616
DHIC	19990817	3	24.875	26.06729
DHIC	19990817	4	38.125	31.43352
DHIC	19990817	5	51.375	38.313
DHIC	19990817	6	63.875	47.0991
DHIC	19990817	7	76.625	56.54944
DHIC	19990817	8	88.125	65.4262
DHIC	19990817	9	95.625	72.15908
DHIC	19990817	10	96.75	74.99925
DHIC	19990817	11	93.5	73.09579
DHIC	19990817	12	86	67.39075
DHIC	19990817	13	78	59.2235
DHIC	19990817	14	68.75	50.27598
DHIC	19990817	15	60	41.70445
DHIC	19990817	16	52.75	33.95485
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DHIC	19990817	19	32.625	20.30833
DHIC	19990817	20	30.375	19.82832
DHIC	19990817	21	27	20.62584
DHIC	19990817	22	23.875	20.51254
DHIC	19990817	23	-999	19.5499
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DHIC	19990818	3	-999	23.73638
DHIC	19990818	4	-999	31.95137
DHIC	19990818	5	-999	41.30315
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DHIC	19990818	8	68.25	73.44798
DHIC	19990818	9	77.25	81.78574
DHIC	19990818	10	82.125	86.31103
DHIC	19990818	11	83.125	85.22616
DHIC	19990818	12	79.625	78.67069
DHIC	19990818	13	73.5	69.11291
DHIC	19990818	14	63.625	58.26927
DHIC	19990818	15	52.625	47.01666
DHIC	19990818	16	41.5	36.82643
DHIC	19990818	17	31.375	28.06134
DHIC	19990818	18	21.125	20.83454
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DHIC	19990818	23	2.25	12.66127
DHIC	19990819	0	-999	12.83631
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DHIC	19990819	2	-999	17.90816
DHIC	19990819	3	-999	24.24133
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DHIC	19990819	5	-999	41.41663
DHIC	19990819	6	-999	52.61303
DHIC	19990819	7	-999	63.78611
DHIC	19990819	8	-999	73.59277
DHIC	19990819	9	-999	80.98253
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DHIC	19990819	11	-999	83.89002
DHIC	19990819	12	-999	79.69482
DHIC	19990819	13	-999	72.26253
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DHIC	19990819	15	45.5	56.86139
DHIC	19990819	16	39.25	50.93412
DHIC	19990819	17	36.625	47.08778
DHIC	19990819	18	35.25	45.07922
DHIC	19990819	19	40.375	44.7552
DHIC	19990819	20	43.625	45.88755
DHIC	19990819	21	46.25	48.38404
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DHIC	19990819	23	42.25	48.61509
DHIC	19990820	0	39.375	46.64164
DHIC	19990820	1	37.5	44.35738
DHIC	19990820	2	37.875	42.86371
DHIC	19990820	3	40.375	42.91015
DHIC	19990820	4	43.875	44.80542
DHIC	19990820	5	48.75	48.20916
DHIC	19990820	6	56.125	53.04338
DHIC	19990820	7	64.75	59.31544
DHIC	19990820	8	71.25	65.3062
DHIC	19990820	9	75.875	69.7554

DHIC	19990820	10	78.25	71.57689
DHIC	19990820	11	77.625	70.56147
DHIC	19990820	12	73.375	66.53175
DHIC	19990820	13	65	59.41889
DHIC	19990820	14	56.875	50.77871
DHIC	19990820	15	49.375	41.78975
DHIC	19990820	16	42.5	33.26057
DHIC	19990820	17	35.75	25.74584
DHIC	19990820	18	29.5	19.64784
DHIC	19990820	19	23.375	15.02354
DHIC	19990820	20	21.375	12.4842
DHIC	19990820	21	23.375	12.86371
DHIC	19990820	22	24.75	15.00683
DHIC	19990820	23	26	17.91761
DHIC	19990821	0	26.875	21.68977
DHIC	19990821	1	30	27.02749
DHIC	19990821	2	35.375	34.28853
DHIC	19990821	3	43.875	42.88985
DHIC	19990821	4	52.25	51.98582
DHIC	19990821	5	59.875	60.77072
DHIC	19990821	6	67	68.55356
DHIC	19990821	7	74.125	75.41187
DHIC	19990821	8	80.75	81.02431
DHIC	19990821	9	85.375	84.04272
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DHIC	19990821	11	88.125	81.61581
DHIC	19990821	12	86.75	76.77185
DHIC	19990821	13	83.5	70.22974
DHIC	19990821	14	78.25	63.27875
DHIC	19990821	15	75.125	56.44972
DHIC	19990821	16	71.5	49.71839
DHIC	19990821	17	67.25	43.99922
DHIC	19990821	18	62.5	39.54588
DHIC	19990821	19	58.125	36.12654
DHIC	19990821	20	52.875	33.67244
DHIC	19990821	21	48.875	32.24448
DHIC	19990821	22	46	31.30471
DHIC	19990821	23	40.75	30.96915
DHIC	19990822	0	36.875	31.73014
DHIC	19990822	1	34.25	34.7113
DHIC	19990822	2	33	39.8313
DHIC	19990822	3	35.125	46.55153
DHIC	19990822	4	39.875	53.99267
DHIC	19990822	5	45.875	60.93607
DHIC	19990822	6	53.625	67.42873
DHIC	19990822	7	61.5	74.29697
DHIC	19990822	8	68.75	79.46011
DHIC	19990822	9	74.375	81.0445
DHIC	19990822	10	78.5	78.7765
DHIC	19990822	11	78.75	73.92381
DHIC	19990822	12	75.5	67.5203

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DHIC	19990822	14	61.625	54.81728
DHIC	19990822	15	54.875	48.29404
DHIC	19990822	16	48.375	42.91171
DHIC	19990822	17	42.125	38.20071
DHIC	19990822	18	36.25	34.08926
DHIC	19990822	19	31.125	30.70557
DHIC	19990822	20	26.875	28.31943
DHIC	19990822	21	23.875	26.67939
DHIC	19990822	22	20.625	24.72581
DHIC	19990822	23	16.875	21.79005
DHIC	19990823	0	14.125	18.99603
DHIC	19990823	1	12.75	17.32774
DHIC	19990823	2	11	19.46837
DHIC	19990823	3	10	23.90886
DHIC	19990823	4	10.5	29.4365
DHIC	19990823	5	13.875	35.60502
DHIC	19990823	6	19	42.63082
DHIC	19990823	7	24.625	50.41473
DHIC	19990823	8	29.25	57.48101
DHIC	19990823	9	32.5	63.06832
DHIC	19990823	10	35.125	64.17728
DHIC	19990823	11	36.75	61.60756
DHIC	19990823	12	35.5	56.57214
DHIC	19990823	13	32.125	50.18435
DHIC	19990823	14	30.75	43.11596
DHIC	19990823	15	27.875	36.38932
DHIC	19990823	16	24.125	30.52796
DHIC	19990823	17	19.5	25.54795
DHIC	19990823	18	15.625	21.71542
DHIC	19990823	19	13.625	19.54297
DHIC	19990823	20	12.875	18.87269
DHIC	19990823	21	12.25	18.9014
DHIC	19990823	22	8.5	18.73989
DHIC	19990823	23	5.75	17.79598
DHIC	19990824	0	4.375	16.87993
DHIC	19990824	1	5.625	17.14695
DHIC	19990824	2	7.875	18.6855
DHIC	19990824	3	9.875	21.70149
DHIC	19990824	4	15.25	26.28492
DHIC	19990824	5	23.75	32.73007
DHIC	19990824	6	33.375	41.29374
DHIC	19990824	7	44.125	51.19079
DHIC	19990824	8	55.125	60.23804
DHIC	19990824	9	65.75	65.28658
DHIC	19990824	10	70.75	65.70983
DHIC	19990824	11	71.75	63.49523
DHIC	19990824	12	66.75	59.38443
DHIC	19990824	13	60.375	52.41261
DHIC	19990824	14	54.125	42.75657
DHIC	19990824	15	47.625	31.83532

DHIC	19990824	16	41.875	21.45737
DHIC	19990824	17	35.625	13.71942
DHIC	19990824	18	32.75	9.261592
DHIC	19990824	19	29	6.617657
DHIC	19990824	20	28.25	5.014575
DHIC	19990824	21	26	4.649234
DHIC	19990824	22	22.625	4.833179
DHIC	19990824	23	18.375	5.477183
DHIC	19990825	0	13.375	6.446057
DHIC	19990825	1	11	8.334311
DHIC	19990825	2	11.5	11.80766
DHIC	19990825	3	19.375	15.89672
DHIC	19990825	4	29.125	21.75838
DHIC	19990825	5	39.625	30.0321
DHIC	19990825	6	50.5	39.89145
DHIC	19990825	7	61.875	49.65115
DHIC	19990825	8	72.75	58.14819
DHIC	19990825	9	80.5	64.5496
DHIC	19990825	10	85.75	67.64092
DHIC	19990825	11	84.125	66.63754
DHIC	19990825	12	78.125	60.5415
DHIC	19990825	13	67.75	51.02504
DHIC	19990825	14	56.875	41.00235
DHIC	19990825	15	45.875	31.53738
DHIC	19990825	16	35.875	23.4874
DHIC	19990825	17	25.75	17.00234
DHIC	19990825	18	15.75	12.54169
DHIC	19990825	19	8.5	11.02588
DHIC	19990825	20	4.625	12.28106
DHIC	19990825	21	4.5	14.4273
DHIC	19990825	22	4.5	15.24627
DHIC	19990825	23	4.125	15.08663
DHIC	19990826	0	3	14.49903
DHIC	19990826	1	3.375	14.07346
DHIC	19990826	2	6.125	16.1104
DHIC	19990826	3	13.375	22.97932
DHIC	19990826	4	23.125	32.94008
DHIC	19990826	5	34.375	44.4444
DHIC	19990826	6	45.375	56.38363
DHIC	19990826	7	56.125	67.26272
DHIC	19990826	8	66.125	76.94925
DHIC	19990826	9	74	85.5733
DHIC	19990826	10	78.125	90.56294
DHIC	19990826	11	77.5	87.75163
DHIC	19990826	12	70.625	78.33793
DHIC	19990826	13	60.875	65.6296
DHIC	19990826	14	51.625	53.0658
DHIC	19990826	15	44.875	42.40532
DHIC	19990826	16	39.25	33.32814
DHIC	19990826	17	31.375	25.23626
DHIC	19990826	18	24.625	18.20672

DHIC	19990826	19	21	14.13375
DHIC	19990826	20	20	13.70841
DHIC	19990826	21	21.125	15.44128
DHIC	19990826	22	19.875	17.25027
DHIC	19990826	23	15.875	17.68047
DHIC	19990827	0	11.375	17.81582
DHIC	19990827	1	13.625	18.51147
DHIC	19990827	2	19.5	22.87933
DHIC	19990827	3	24.375	29.84468
DHIC	19990827	4	30.625	37.41765
DHIC	19990827	5	37.375	45.19935
DHIC	19990827	6	47.625	53.55775
DHIC	19990827	7	58.375	62.78333
DHIC	19990827	8	68.625	70.71241
DHIC	19990827	9	74.25	76.67978
DHIC	19990827	10	75.125	78.28531
DHIC	19990827	11	73.125	75.70432
DHIC	19990827	12	69.375	70.16323
DHIC	19990827	13	65.75	63.13929
DHIC	19990827	14	60	55.48891
DHIC	19990827	15	53.625	47.8403
DHIC	19990827	16	47.75	41.01683
DHIC	19990827	17	42	35.17938
DHIC	19990827	18	37.125	30.11268
DHIC	19990827	19	33.5	26.40297
DHIC	19990827	20	31.625	25.54746
DHIC	19990827	21	28.875	26.25774
DHIC	19990827	22	26.125	27.29835
DHIC	19990827	23	23.75	27.56481
DHIC	19990828	0	22.25	27.28279
DHIC	19990828	1	22.375	28.62006
DHIC	19990828	2	25.375	32.79057
DHIC	19990828	3	30.625	40.332
DHIC	19990828	4	36.875	48.91533
DHIC	19990828	5	42.5	57.70342
DHIC	19990828	6	50	67.1824
DHIC	19990828	7	59	77.26622
DHIC	19990828	8	66.75	86.24587
DHIC	19990828	9	73.625	90.07533
DHIC	19990828	10	78.25	88.23299
DHIC	19990828	11	79.875	81.5052
DHIC	19990828	12	78.125	72.0846
DHIC	19990828	13	75.375	60.76072
DHIC	19990828	14	74	47.97677
DHIC	19990828	15	68.75	35.63614
DHIC	19990828	16	62.875	25.66261
DHIC	19990828	17	56.125	19.87727
DHIC	19990828	18	51	17.29786
DHIC	19990828	19	46.625	16.53757
DHIC	19990828	20	45.125	16.67691
DHIC	19990828	21	42.375	17.9586

DHIC	19990828	22	35.125	20.11404
DHIC	19990828	23	33.75	22.11126
DHIC	19990829	0	33.75	24.57097
DHIC	19990829	1	36.5	29.27028
DHIC	19990829	2	39.625	37.08291
DHIC	19990829	3	44.75	47.2332
DHIC	19990829	4	49.875	57.61758
DHIC	19990829	5	58	67.68168
DHIC	19990829	6	68.5	75.89928
DHIC	19990829	7	75.375	82.67639
DHIC	19990829	8	81.75	88.28226
DHIC	19990829	9	85.75	90.63801
DHIC	19990829	10	87	87.83327
DHIC	19990829	11	85.5	80.45681
DHIC	19990829	12	80.625	71.26284
DHIC	19990829	13	75.125	61.685
DHIC	19990829	14	70	53.73037
DHIC	19990829	15	64.75	47.57081
DHIC	19990829	16	58	42.1537
DHIC	19990829	17	50.125	37.38722
DHIC	19990829	18	43.625	34.32925
DHIC	19990829	19	36.25	33.54728
DHIC	19990829	20	30.125	34.29849
DHIC	19990829	21	24.375	35.12861
DHIC	19990829	22	17.875	34.57262
DHIC	19990829	23	12.25	31.87205
DHIC	19990830	0	9	29.06541
DHIC	19990830	1	10.5	27.15702
DHIC	19990830	2	14	27.36489
DHIC	19990830	3	23.25	30.96128
DHIC	19990830	4	34.75	38.05129
DHIC	19990830	5	46.75	46.44783
DHIC	19990830	6	59.125	55.55251
DHIC	19990830	7	70.875	65.65178
DHIC	19990830	8	79.375	74.14052
DHIC	19990830	9	85	80.08061
DHIC	19990830	10	88.625	82.27935
DHIC	19990830	11	88.125	78.64462
DHIC	19990830	12	84.875	69.55871
DHIC	19990830	13	80.25	58.69446
DHIC	19990830	14	71.75	47.9147
DHIC	19990830	15	60.125	37.90324
DHIC	19990830	16	50.125	29.77017
DHIC	19990830	17	41.625	24.1105
DHIC	19990830	18	36.125	21.141
DHIC	19990830	19	30	21.3791
DHIC	19990830	20	27.375	24.07683
DHIC	19990830	21	25	27.59008
DHIC	19990830	22	24.125	30.51251
DHIC	19990830	23	25.875	31.25821
DHIC	19990831	0	29.75	31.21589

DHIC	19990831	1	34.5	30.75227
DHIC	19990831	2	37.5	32.21415
DHIC	19990831	3	43.625	36.62639
DHIC	19990831	4	48.75	42.15163
DHIC	19990831	5	55.625	47.88347
DHIC	19990831	6	64.125	54.55172
DHIC	19990831	7	72.5	63.07041
DHIC	19990831	8	78.625	71.06865
DHIC	19990831	9	80.625	77.44675
DHIC	19990831	10	81.125	79.36865
DHIC	19990831	11	78.5	75.41139
DHIC	19990831	12	74.5	67.95786
DHIC	19990831	13	69.5	59.14572
DHIC	19990831	14	63.375	50.17342
DHIC	19990831	15	56.625	42.2285
DHIC	19990831	16	50	35.87148
DHIC	19990831	17	44.375	31.65427
DHIC	19990831	18	38.375	30.10473
DHIC	19990831	19	34.875	31.04376
DHIC	19990831	20	32	34.31603
DHIC	19990831	21	27.5	39.16762
DHIC	19990831	22	23.625	44.048
DHIC	19990831	23	20.25	46.94502
DHIC	19990901	0	19	48.62207
DHIC	19990901	1	20.75	50.64251
DHIC	19990901	2	24.875	53.20951
DHIC	19990901	3	29.625	57.29748
DHIC	19990901	4	36.375	62.04421
DHIC	19990901	5	-999	66.21324
DHIC	19990901	6	-999	69.97916
DHIC	19990901	7	-999	74.20378
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DHIC	19990901	9	-999	78.66787
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DHIC	19990901	13	57.875	57.65144
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DHIC	19990901	15	51	46.36281
DHIC	19990901	16	46.75	42.04926
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DHIC	19990901	21	-999	0
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DALN	19990813	2	14	18.84994
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DALN	19990813	6	28.125	36.31028
DALN	19990813	7	36.5	44.12677
DALN	19990813	8	44.875	51.3465
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DALN	19990813	11	58.125	62.10764
DALN	19990813	12	55.75	58.40428
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DALN	19990813	14	53.25	43.29604
DALN	19990813	15	48.75	34.45153
DALN	19990813	16	44	25.75162
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DALN	19990813	18	39.375	11.83028
DALN	19990813	19	39.5	7.833207
DALN	19990813	20	40.75	7.066557
DALN	19990813	21	41	8.806161
DALN	19990813	22	37.75	11.43731
DALN	19990813	23	36	13.87789
DALN	19990814	0	35.625	17.02122
DALN	19990814	1	35.375	21.86333
DALN	19990814	2	36.625	28.01679
DALN	19990814	3	40.125	35.19333
DALN	19990814	4	45.875	42.69613
DALN	19990814	5	52.75	49.81014
DALN	19990814	6	60.625	56.34855
DALN	19990814	7	68.125	62.80448
DALN	19990814	8	74	67.64198
DALN	19990814	9	78.625	69.49623
DALN	19990814	10	80.75	68.89175
DALN	19990814	11	79.5	65.885
DALN	19990814	12	74.5	60.15392
DALN	19990814	13	69.25	53.44081
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DALN	19990814	15	59.75	37.80736
DALN	19990814	16	56.625	30.24014
DALN	19990814	17	53.625	23.95472
DALN	19990814	18	-999	19.14986
DALN	19990814	19	-999	16.08689
DALN	19990814	20	-999	15.82853
DALN	19990814	21	-999	16.6188
DALN	19990814	22	-999	18.19433
DALN	19990814	23	-999	19.97482
DALN	19990815	0	-999	23.07013
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DALN	19990815	2	-999	35.00669
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DALN	19990815	10	86.5	83.94353
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DALN	19990815	13	76.75	69.83516
DALN	19990815	14	69.25	64.916
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DALN	19990815	16	57.625	55.03045
DALN	19990815	17	53.375	50.49645
DALN	19990815	18	50.125	46.44718
DALN	19990815	19	47.875	43.24653
DALN	19990815	20	45.75	41.20179
DALN	19990815	21	43.875	36.84985
DALN	19990815	22	41.375	31.51228
DALN	19990815	23	37	26.70091
DALN	19990816	0	31.75	22.61267
DALN	19990816	1	29.25	21.9231
DALN	19990816	2	29.875	24.00127
DALN	19990816	3	33.75	28.45897
DALN	19990816	4	39.875	34.54438
DALN	19990816	5	48	42.15702
DALN	19990816	6	59	51.83721
DALN	19990816	7	71	62.19062
DALN	19990816	8	79.25	71.06463
DALN	19990816	9	85.875	76.66411
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DALN	19990816	11	88.25	77.69766
DALN	19990816	12	84	72.94454
DALN	19990816	13	77	66.37713
DALN	19990816	14	67.5	59.06807
DALN	19990816	15	58.875	52.3758
DALN	19990816	16	53.25	48.42918
DALN	19990816	17	45.375	46.03621
DALN	19990816	18	39	44.25489
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DALN	19990816	20	31	42.17146
DALN	19990816	21	28.375	41.33157
DALN	19990816	22	25.25	38.58192
DALN	19990816	23	21.375	34.7151
DALN	19990817	0	18.25	29.63646
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DALN	19990817	2	25.875	24.28115
DALN	19990817	3	34	26.084
DALN	19990817	4	44	30.27117
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DALN	19990817	9	109.375	68.66486

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DALN	19990817	14	83.5	44.99825
DALN	19990817	15	73.75	35.64137
DALN	19990817	16	66.75	27.28044
DALN	19990817	17	59.625	20.28767
DALN	19990817	18	-999	14.99219
DALN	19990817	19	-999	11.38906
DALN	19990817	20	-999	10.98873
DALN	19990817	21	-999	12.03966
DALN	19990817	22	-999	11.93127
DALN	19990817	23	-999	11.91607
DALN	19990818	0	-999	11.67076
DALN	19990818	1	-999	12.02913
DALN	19990818	2	-999	14.65677
DALN	19990818	3	31.75	20.14888
DALN	19990818	4	37.375	28.62218
DALN	19990818	5	45.75	38.92448
DALN	19990818	6	57.625	50.79224
DALN	19990818	7	70.125	62.35613
DALN	19990818	8	81.125	72.95798
DALN	19990818	9	90	81.29279
DALN	19990818	10	96.625	85.714
DALN	19990818	11	99	85.25765
DALN	19990818	12	96.125	78.38003
DALN	19990818	13	88.5	67.79487
DALN	19990818	14	78.875	55.81287
DALN	19990818	15	70.875	43.83463
DALN	19990818	16	62.75	32.47957
DALN	19990818	17	52.625	22.01848
DALN	19990818	18	42	12.61175
DALN	19990818	19	33.75	5.072357
DALN	19990818	20	28.125	1.287502
DALN	19990818	21	24.375	0.063395
DALN	19990818	22	20.5	0.000001
DALN	19990818	23	15.625	0.381907
DALN	19990819	0	11.75	1.279737
DALN	19990819	1	11.75	3.91461
DALN	19990819	2	14.5	9.601274
DALN	19990819	3	18.75	17.6445
DALN	19990819	4	25.5	27.11838
DALN	19990819	5	35.125	37.52525
DALN	19990819	6	46.375	47.98671
DALN	19990819	7	57.75	57.74188
DALN	19990819	8	68.25	66.63643
DALN	19990819	9	72.75	73.20512
DALN	19990819	10	73	76.06587
DALN	19990819	11	67.75	75.57431
DALN	19990819	12	60.875	70.4017

DALN	19990819	13	53.25	64.18694
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DALN	19990819	15	42.875	53.09464
DALN	19990819	16	37.875	48.6329
DALN	19990819	17	37.375	46.10156
DALN	19990819	18	38.875	44.98615
DALN	19990819	19	43.5	44.774
DALN	19990819	20	47.25	47.23249
DALN	19990819	21	48.375	49.03042
DALN	19990819	22	45.75	48.55865
DALN	19990819	23	41	46.62105
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DALN	19990820	1	35.75	41.65977
DALN	19990820	2	35.875	40.15098
DALN	19990820	3	37.5	40.22369
DALN	19990820	4	40.125	41.88313
DALN	19990820	5	44.5	44.946
DALN	19990820	6	50.625	49.6743
DALN	19990820	7	57.75	56.37343
DALN	19990820	8	63.5	62.14865
DALN	19990820	9	68	65.77231
DALN	19990820	10	70.125	66.9919
DALN	19990820	11	69.75	65.89372
DALN	19990820	12	63.75	61.48572
DALN	19990820	13	55	54.92324
DALN	19990820	14	46.375	47.3212
DALN	19990820	15	39.875	39.43412
DALN	19990820	16	33	32.01192
DALN	19990820	17	25	25.6067
DALN	19990820	18	18.125	20.37832
DALN	19990820	19	14.25	16.28021
DALN	19990820	20	15.375	14.93572
DALN	19990820	21	18.25	15.77108
DALN	19990820	22	20.75	17.69237
DALN	19990820	23	21.5	19.85268
DALN	19990821	0	23.75	22.97816
DALN	19990821	1	29.5	27.93785
DALN	19990821	2	36.25	34.49048
DALN	19990821	3	43.125	41.9344
DALN	19990821	4	50.625	49.58964
DALN	19990821	5	58.375	56.85634
DALN	19990821	6	66	63.42641
DALN	19990821	7	72.5	69.72916
DALN	19990821	8	78.125	74.95692
DALN	19990821	9	81.75	77.50918
DALN	19990821	10	84.375	77.5172
DALN	19990821	11	85.5	75.78788
DALN	19990821	12	83.5	71.83847
DALN	19990821	13	79.375	66.11057
DALN	19990821	14	75.5	59.92329
DALN	19990821	15	72.75	53.55298

DALN	19990821	16	70.625	46.94899
DALN	19990821	17	67.75	41.30165
DALN	19990821	18	-999	37.05312
DALN	19990821	19	-999	33.59563
DALN	19990821	20	-999	31.39788
DALN	19990821	21	-999	30.39319
DALN	19990821	22	-999	29.90109
DALN	19990821	23	-999	29.86455
DALN	19990822	0	-999	30.7528
DALN	19990822	1	-999	34.00427
DALN	19990822	2	-999	38.86735
DALN	19990822	3	40.75	44.42008
DALN	19990822	4	44.75	50.98093
DALN	19990822	5	50.5	57.87987
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DALN	19990822	8	72.75	76.29692
DALN	19990822	9	79.5	77.90868
DALN	19990822	10	83.75	76.18284
DALN	19990822	11	84	72.73109
DALN	19990822	12	81.875	67.1904
DALN	19990822	13	76.75	60.29159
DALN	19990822	14	69	53.55436
DALN	19990822	15	62.125	46.85357
DALN	19990822	16	55.125	40.99929
DALN	19990822	17	50.25	35.65016
DALN	19990822	18	45.75	30.73908
DALN	19990822	19	41.125	26.31407
DALN	19990822	20	36.875	23.11494
DALN	19990822	21	33	20.97707
DALN	19990822	22	29.5	18.09142
DALN	19990822	23	26	15.17934
DALN	19990823	0	23.5	12.39225
DALN	19990823	1	19.875	10.59784
DALN	19990823	2	17.25	11.89259
DALN	19990823	3	16	16.27589
DALN	19990823	4	16.25	22.19325
DALN	19990823	5	19	28.94902
DALN	19990823	6	24.625	37.19326
DALN	19990823	7	30.75	45.26893
DALN	19990823	8	36.25	52.6216
DALN	19990823	9	40.5	58.77254
DALN	19990823	10	43.25	61.41277
DALN	19990823	11	44.5	60.19395
DALN	19990823	12	44.125	55.44643
DALN	19990823	13	41.125	48.41579
DALN	19990823	14	39	40.24959
DALN	19990823	15	36.75	31.89704
DALN	19990823	16	32.75	24.2237
DALN	19990823	17	29	17.50259
DALN	19990823	18	26.375	11.9836

DALN	19990823	19	24.5	7.829378
DALN	19990823	20	23.5	6.085938
DALN	19990823	21	23.25	6.092751
DALN	19990823	22	19.5	5.987488
DALN	19990823	23	15.375	6.382765
DALN	19990824	0	13.75	7.074174
DALN	19990824	1	13.875	8.681663
DALN	19990824	2	14.75	11.26122
DALN	19990824	3	17.375	15.07541
DALN	19990824	4	22.625	20.08103
DALN	19990824	5	30	26.62623
DALN	19990824	6	38.25	35.70042
DALN	19990824	7	48.125	44.9887
DALN	19990824	8	57.625	51.87087
DALN	19990824	9	64.25	53.83961
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DALN	19990824	11	67.75	50.16054
DALN	19990824	12	63	45.10366
DALN	19990824	13	56.75	37.18225
DALN	19990824	14	51.375	27.73797
DALN	19990824	15	45.375	18.04094
DALN	19990824	16	40.375	10.29255
DALN	19990824	17	35.75	6.423823
DALN	19990824	18	-999	5.582687
DALN	19990824	19	-999	5.832235
DALN	19990824	20	-999	7.153355
DALN	19990824	21	-999	9.456316
DALN	19990824	22	-999	10.53398
DALN	19990824	23	-999	11.14836
DALN	19990825	0	-999	12.12977
DALN	19990825	1	-999	13.61943
DALN	19990825	2	-999	15.35788
DALN	19990825	3	28.125	18.59823
DALN	19990825	4	33.125	23.94847
DALN	19990825	5	40.75	31.03399
DALN	19990825	6	52.125	40.08597
DALN	19990825	7	64.375	49.41742
DALN	19990825	8	76.25	57.48499
DALN	19990825	9	86.25	63.64912
DALN	19990825	10	91.625	66.76129
DALN	19990825	11	91.125	65.02309
DALN	19990825	12	85.125	57.66272
DALN	19990825	13	75.5	48.19637
DALN	19990825	14	63.5	38.06672
DALN	19990825	15	51.625	28.1209
DALN	19990825	16	39.625	19.07192
DALN	19990825	17	30	11.71053
DALN	19990825	18	21.875	6.704352
DALN	19990825	19	18.75	4.792165
DALN	19990825	20	20	6.461693
DALN	19990825	21	22	8.703124

DALN	19990825	22	22.75	9.646915
DALN	19990825	23	22.625	10.16496
DALN	19990826	0	22.75	11.15619
DALN	19990826	1	20.625	12.40592
DALN	19990826	2	21	16.26035
DALN	19990826	3	24.5	24.02248
DALN	19990826	4	29.5	33.21093
DALN	19990826	5	38.375	43.66567
DALN	19990826	6	50.875	55.60616
DALN	19990826	7	63.375	66.30752
DALN	19990826	8	75.5	73.26548
DALN	19990826	9	85.75	77.51119
DALN	19990826	10	92.125	76.59264
DALN	19990826	11	91.625	68.69199
DALN	19990826	12	86.25	57.18061
DALN	19990826	13	77.25	44.48444
DALN	19990826	14	66.625	31.60016
DALN	19990826	15	57.75	20.38076
DALN	19990826	16	50.375	12.59957
DALN	19990826	17	43.375	7.497162
DALN	19990826	18	37.875	4.666427
DALN	19990826	19	35	4.913567
DALN	19990826	20	33.875	7.686924
DALN	19990826	21	33.375	10.90645
DALN	19990826	22	30.875	13.24258
DALN	19990826	23	27.625	14.23425
DALN	19990827	0	23.25	15.37538
DALN	19990827	1	23.75	16.67214
DALN	19990827	2	25.75	21.57634
DALN	19990827	3	29.625	29.1252
DALN	19990827	4	35	37.50317
DALN	19990827	5	42	46.02039
DALN	19990827	6	51.375	55.30856
DALN	19990827	7	60.5	65.05315
DALN	19990827	8	67	73.07409
DALN	19990827	9	69.5	78.39822
DALN	19990827	10	70.75	78.28462
DALN	19990827	11	69.25	73.04554
DALN	19990827	12	66.25	65.08135
DALN	19990827	13	63.375	56.21159
DALN	19990827	14	60.125	47.24229
DALN	19990827	15	56.125	38.80959
DALN	19990827	16	54	31.52853
DALN	19990827	17	51.875	26.43737
DALN	19990827	18	49	22.2765
DALN	19990827	19	46.75	20.39278
DALN	19990827	20	45.5	20.70757
DALN	19990827	21	41.875	21.95659
DALN	19990827	22	37.25	23.15219
DALN	19990827	23	33.375	23.15839
DALN	19990828	0	31.5	23.16941

DALN	19990828	1	30.625	24.19299
DALN	19990828	2	32.25	28.13972
DALN	19990828	3	36.625	35.47104
DALN	19990828	4	42.625	44.96619
DALN	19990828	5	50.75	55.08863
DALN	19990828	6	60.75	65.5098
DALN	19990828	7	70.375	75.88404
DALN	19990828	8	78	82.89172
DALN	19990828	9	83.75	84.64442
DALN	19990828	10	87.125	81.98087
DALN	19990828	11	87.25	73.35984
DALN	19990828	12	83.75	60.33417
DALN	19990828	13	79.875	46.09572
DALN	19990828	14	76.625	31.82396
DALN	19990828	15	72.625	19.16754
DALN	19990828	16	68.875	11.14014
DALN	19990828	17	65.375	8.334505
DALN	19990828	18	-999	8.09265
DALN	19990828	19	-999	10.33621
DALN	19990828	20	-999	14.10741
DALN	19990828	21	-999	18.25421
DALN	19990828	22	-999	22.68467
DALN	19990828	23	-999	26.45492
DALN	19990829	0	-999	29.64397
DALN	19990829	1	-999	33.7084
DALN	19990829	2	-999	41.05843
DALN	19990829	3	55.625	50.84534
DALN	19990829	4	61.5	61.01269
DALN	19990829	5	67.125	70.39018
DALN	19990829	6	72.75	78.14401
DALN	19990829	7	78.375	85.31219
DALN	19990829	8	83.125	90.94593
DALN	19990829	9	85.5	93.04772
DALN	19990829	10	85	89.49834
DALN	19990829	11	81.5	81.51565
DALN	19990829	12	75.5	71.74993
DALN	19990829	13	69.375	61.85498
DALN	19990829	14	65.375	53.0129
DALN	19990829	15	61.625	45.54683
DALN	19990829	16	57.875	39.80589
DALN	19990829	17	54.375	35.57714
DALN	19990829	18	51.5	33.02198
DALN	19990829	19	50.375	32.26031
DALN	19990829	20	49.625	32.48004
DALN	19990829	21	44.875	32.59518
DALN	19990829	22	38.25	31.17868
DALN	19990829	23	31.625	28.1383
DALN	19990830	0	27.125	25.10369
DALN	19990830	1	25.625	23.62452
DALN	19990830	2	27	25.4668
DALN	19990830	3	31.75	30.51233

DALN	19990830	4	39.125	37.48352
DALN	19990830	5	50.75	44.69479
DALN	19990830	6	61.75	53.07382
DALN	19990830	7	71.5	62.19172
DALN	19990830	8	78.75	69.85744
DALN	19990830	9	83.375	74.91394
DALN	19990830	10	85.875	75.13795
DALN	19990830	11	84.5	70.89962
DALN	19990830	12	80.375	63.11659
DALN	19990830	13	74.25	54.1472
DALN	19990830	14	67.875	44.94395
DALN	19990830	15	61.75	36.63195
DALN	19990830	16	56.25	30.51199
DALN	19990830	17	49.5	26.8192
DALN	19990830	18	44.25	25.72216
DALN	19990830	19	41.125	26.41447
DALN	19990830	20	39.875	28.96878
DALN	19990830	21	39.625	32.54379
DALN	19990830	22	38.875	35.27612
DALN	19990830	23	37.75	35.31833
DALN	19990831	0	38.25	34.1499
DALN	19990831	1	41.25	32.51907
DALN	19990831	2	44.5	33.80308
DALN	19990831	3	48.125	37.39622
DALN	19990831	4	52.375	41.39061
DALN	19990831	5	57.875	45.76878
DALN	19990831	6	64.375	51.59073
DALN	19990831	7	71.625	59.50464
DALN	19990831	8	76.125	66.7057
DALN	19990831	9	78.75	72.06112
DALN	19990831	10	78.625	72.32199
DALN	19990831	11	75.875	68.68068
DALN	19990831	12	72	62.26916
DALN	19990831	13	68	54.69941
DALN	19990831	14	62.875	47.32861
DALN	19990831	15	56.875	41.00579
DALN	19990831	16	52.125	36.10823
DALN	19990831	17	49.125	32.86918
DALN	19990831	18	-999	31.72343
DALN	19990831	19	-999	32.20517
DALN	19990831	20	-999	35.3011
DALN	19990831	21	-999	39.94337
DALN	19990831	22	-999	44.1121
DALN	19990831	23	-999	45.94898
DALN	19990901	0	-999	46.48525
DALN	19990901	1	-999	47.82737
DALN	19990901	2	-999	50.11792
DALN	19990901	3	46.875	53.93517
DALN	19990901	4	52.125	58.31612
DALN	19990901	5	57	61.90193
DALN	19990901	6	61.75	65.2094

DALN	19990901	7	68.5	69.30688
DALN	19990901	8	76	72.96987
DALN	19990901	9	79.125	74.00425
DALN	19990901	10	79	72.07865
DALN	19990901	11	77.25	67.59914
DALN	19990901	12	71.75	61.71266
DALN	19990901	13	67.125	56.00212
DALN	19990901	14	63.875	50.77805
DALN	19990901	15	60.25	46.16603
DALN	19990901	16	56.125	42.22704
DALN	19990901	17	-999	0
DALN	19990901	18	-999	0
DALN	19990901	19	-999	0
DALN	19990901	20	-999	0
DALN	19990901	21	-999	0
DALN	19990901	22	-999	0
DALN	19990901	23	-999	0
REDB	19990813	0	13.875	26.84896
REDB	19990813	1	12.25	26.22772
REDB	19990813	2	11.25	27.29096
REDB	19990813	3	12	29.75065
REDB	19990813	4	14.5	33.50074
REDB	19990813	5	18.375	38.35757
REDB	19990813	6	23	44.52268
REDB	19990813	7	28.625	51.4466
REDB	19990813	8	34.125	57.98387
REDB	19990813	9	38.375	62.75557
REDB	19990813	10	40	65.09026
REDB	19990813	11	39.5	62.30366
REDB	19990813	12	35.75	55.34784
REDB	19990813	13	30.875	47.02699
REDB	19990813	14	27.375	37.92408
REDB	19990813	15	26	28.40822
REDB	19990813	16	23.375	19.13443
REDB	19990813	17	21	10.80755
REDB	19990813	18	20.875	3.739485
REDB	19990813	19	21	0.409277
REDB	19990813	20	23.125	0.072083
REDB	19990813	21	26.5	0.548279
REDB	19990813	22	27.625	1.173499
REDB	19990813	23	25.375	2.442013
REDB	19990814	0	25.5	4.939993
REDB	19990814	1	27.625	10.51644
REDB	19990814	2	30.375	18.76883
REDB	19990814	3	35.25	28.97732
REDB	19990814	4	41.875	40.04009
REDB	19990814	5	50.375	51.08539
REDB	19990814	6	60	62.05
REDB	19990814	7	69.25	72.12829
REDB	19990814	8	77.125	80.19563
REDB	19990814	9	83.625	84.3168

REDB	19990814	10	87.75	84.67615
REDB	19990814	11	88	81.10004
REDB	19990814	12	83.875	73.81085
REDB	19990814	13	75.75	64.84113
REDB	19990814	14	68.25	55.04044
REDB	19990814	15	60.375	45.02405
REDB	19990814	16	52.625	36.04114
REDB	19990814	17	45.25	28.68786
REDB	19990814	18	38.5	23.33946
REDB	19990814	19	33.25	20.6066
REDB	19990814	20	30	21.26421
REDB	19990814	21	29	23.50243
REDB	19990814	22	26.5	26.17843
REDB	19990814	23	25.625	28.43155
REDB	19990815	0	25.75	30.99659
REDB	19990815	1	26.625	35.24812
REDB	19990815	2	28.75	40.26622
REDB	19990815	3	31.875	45.88594
REDB	19990815	4	36.125	52.00107
REDB	19990815	5	40.5	58.7936
REDB	19990815	6	46.5	66.27883
REDB	19990815	7	53.375	74.42967
REDB	19990815	8	59.375	81.31407
REDB	19990815	9	64.5	84.90936
REDB	19990815	10	68.75	85.77337
REDB	19990815	11	71	83.95475
REDB	19990815	12	69.625	79.94888
REDB	19990815	13	65.875	75.6964
REDB	19990815	14	59.875	70.89641
REDB	19990815	15	53	65.4745
REDB	19990815	16	46.875	60.74627
REDB	19990815	17	41	56.0144
REDB	19990815	18	35.125	52.25855
REDB	19990815	19	29.5	49.86435
REDB	19990815	20	26.5	48.21306
REDB	19990815	21	24.625	45.51459
REDB	19990815	22	22.5	41.49826
REDB	19990815	23	20	36.56339
REDB	19990816	0	19.25	31.60641
REDB	19990816	1	20.375	30.25268
REDB	19990816	2	23.25	31.63206
REDB	19990816	3	28.375	35.13456
REDB	19990816	4	34.75	40.26457
REDB	19990816	5	42.5	46.72081
REDB	19990816	6	52.125	55.25377
REDB	19990816	7	61.125	65.47414
REDB	19990816	8	67.25	75.06392
REDB	19990816	9	71.625	80.9399
REDB	19990816	10	73.625	82.79076
REDB	19990816	11	72.75	79.97332
REDB	19990816	12	69	74.36058

REDB	19990816	13	62.25	67.97554
REDB	19990816	14	57.125	61.21029
REDB	19990816	15	52.875	54.86382
REDB	19990816	16	48.375	50.0071
REDB	19990816	17	43.5	45.89211
REDB	19990816	18	38.625	42.3698
REDB	19990816	19	34.875	40.7851
REDB	19990816	20	32.375	40.05447
REDB	19990816	21	32.75	38.36567
REDB	19990816	22	29.75	34.91754
REDB	19990816	23	25.125	30.41487
REDB	19990817	0	25.5	25.37785
REDB	19990817	1	30	22.54994
REDB	19990817	2	36.625	23.06317
REDB	19990817	3	43.875	26.52126
REDB	19990817	4	51.25	31.75323
REDB	19990817	5	58.125	38.06425
REDB	19990817	6	66.625	46.28446
REDB	19990817	7	77.125	55.2393
REDB	19990817	8	82.125	63.84668
REDB	19990817	9	81.75	69.9869
REDB	19990817	10	80.25	72.1071
REDB	19990817	11	78	69.08495
REDB	19990817	12	74.25	63.39809
REDB	19990817	13	69.75	56.87795
REDB	19990817	14	63.875	49.68964
REDB	19990817	15	57.875	42.40558
REDB	19990817	16	53	35.5989
REDB	19990817	17	49.875	29.79315
REDB	19990817	18	45.25	25.72114
REDB	19990817	19	41.375	24.47787
REDB	19990817	20	40.5	24.47307
REDB	19990817	21	39.375	24.35506
REDB	19990817	22	37.25	22.79081
REDB	19990817	23	32.5	20.87554
REDB	19990818	0	28.25	18.81882
REDB	19990818	1	25.875	17.89067
REDB	19990818	2	27.75	19.95755
REDB	19990818	3	31	25.67857
REDB	19990818	4	33.5	32.88608
REDB	19990818	5	37.5	40.38392
REDB	19990818	6	44	49.58246
REDB	19990818	7	52.625	59.26578
REDB	19990818	8	60.5	68.44202
REDB	19990818	9	65.5	75.2861
REDB	19990818	10	67.25	77.65927
REDB	19990818	11	66.5	74.231
REDB	19990818	12	63.125	66.89494
REDB	19990818	13	56.5	58.32724
REDB	19990818	14	48	49.71842
REDB	19990818	15	43.125	41.35894

REDB	19990818	16	38.5	33.59049
REDB	19990818	17	34.375	26.8877
REDB	19990818	18	28.875	21.84085
REDB	19990818	19	23.25	19.33237
REDB	19990818	20	21.875	19.62109
REDB	19990818	21	22.875	21.08227
REDB	19990818	22	24.25	20.89967
REDB	19990818	23	21.625	19.66835
REDB	19990819	0	19.25	18.41053
REDB	19990819	1	17	18.02568
REDB	19990819	2	18.5	19.16722
REDB	19990819	3	23.125	23.10861
REDB	19990819	4	29.625	29.21834
REDB	19990819	5	38.125	37.15147
REDB	19990819	6	49	48.33625
REDB	19990819	7	61.375	60.81602
REDB	19990819	8	72.875	72.22322
REDB	19990819	9	83.25	80.66903
REDB	19990819	10	87.875	85.56017
REDB	19990819	11	87.625	85.21207
REDB	19990819	12	82.75	81.28581
REDB	19990819	13	75.875	73.66355
REDB	19990819	14	66.125	62.66341
REDB	19990819	15	55.625	50.91544
REDB	19990819	16	48.875	40.6099
REDB	19990819	17	42.375	34.72582
REDB	19990819	18	39.375	32.04889
REDB	19990819	19	38.625	31.97494
REDB	19990819	20	38.625	33.12132
REDB	19990819	21	39.125	35.99669
REDB	19990819	22	39.875	39.5404
REDB	19990819	23	39.125	41.3107
REDB	19990820	0	36.375	42.02105
REDB	19990820	1	35.125	40.89889
REDB	19990820	2	35.625	39.86817
REDB	19990820	3	38	40.01376
REDB	19990820	4	42.375	41.95081
REDB	19990820	5	47.75	45.46909
REDB	19990820	6	55.75	50.71317
REDB	19990820	7	65.125	57.77581
REDB	19990820	8	72.625	64.39739
REDB	19990820	9	78.125	69.1503
REDB	19990820	10	81.5	70.98843
REDB	19990820	11	81.375	68.56214
REDB	19990820	12	75.75	62.59808
REDB	19990820	13	66.25	54.3438
REDB	19990820	14	54.75	44.79741
REDB	19990820	15	43.125	34.79812
REDB	19990820	16	32	25.43943
REDB	19990820	17	22.75	17.64114
REDB	19990820	18	14.125	11.73214

REDB	19990820	19	7.75	8.973948
REDB	19990820	20	5.875	8.752019
REDB	19990820	21	6.75	10.59423
REDB	19990820	22	7.875	13.94249
REDB	19990820	23	9.125	18.09705
REDB	19990821	0	12.125	22.78867
REDB	19990821	1	16.875	28.59148
REDB	19990821	2	23.375	35.84034
REDB	19990821	3	32	43.91082
REDB	19990821	4	41.125	52.34703
REDB	19990821	5	50.375	60.18402
REDB	19990821	6	59.875	66.93837
REDB	19990821	7	68.875	72.76462
REDB	19990821	8	76.125	77.79958
REDB	19990821	9	81.125	80.65443
REDB	19990821	10	84.25	80.89671
REDB	19990821	11	84.375	78.53105
REDB	19990821	12	80.25	73.88795
REDB	19990821	13	74.875	68.02023
REDB	19990821	14	69.875	61.8192
REDB	19990821	15	66.125	55.56235
REDB	19990821	16	63.125	49.21381
REDB	19990821	17	58.625	43.72523
REDB	19990821	18	53.625	39.37416
REDB	19990821	19	49.125	36.13822
REDB	19990821	20	46.875	33.82314
REDB	19990821	21	45.375	32.17858
REDB	19990821	22	42.875	30.86663
REDB	19990821	23	38.75	30.61382
REDB	19990822	0	33.75	31.38092
REDB	19990822	1	30.875	34.3547
REDB	19990822	2	31	38.99049
REDB	19990822	3	33	44.91235
REDB	19990822	4	36.625	51.71107
REDB	19990822	5	41.125	58.77523
REDB	19990822	6	47.25	66.10775
REDB	19990822	7	54	72.09094
REDB	19990822	8	60.875	76.57369
REDB	19990822	9	66.625	77.91544
REDB	19990822	10	70	76.27262
REDB	19990822	11	71.125	72.57764
REDB	19990822	12	68.75	67.17603
REDB	19990822	13	63.625	61.09627
REDB	19990822	14	57.875	54.68221
REDB	19990822	15	53.125	49.16509
REDB	19990822	16	48.5	44.45522
REDB	19990822	17	43.125	39.8987
REDB	19990822	18	37.75	35.79757
REDB	19990822	19	32.625	32.48218
REDB	19990822	20	29.75	30.21022
REDB	19990822	21	28.25	28.44699

REDB	19990822	22	25.125	26.16279
REDB	19990822	23	20.75	23.05279
REDB	19990823	0	17.25	20.28547
REDB	19990823	1	15.25	19.57349
REDB	19990823	2	13	22.21947
REDB	19990823	3	11.75	26.25233
REDB	19990823	4	12.125	31.10277
REDB	19990823	5	14	36.48952
REDB	19990823	6	18.125	42.92453
REDB	19990823	7	23.125	50.18172
REDB	19990823	8	27.625	56.86862
REDB	19990823	9	30.875	61.26917
REDB	19990823	10	33.75	61.39883
REDB	19990823	11	35.375	58.50714
REDB	19990823	12	33.75	53.83386
REDB	19990823	13	33.625	48.37987
REDB	19990823	14	33.625	42.49594
REDB	19990823	15	32.125	36.88858
REDB	19990823	16	29.875	31.63838
REDB	19990823	17	26.375	27.02058
REDB	19990823	18	22.875	23.65621
REDB	19990823	19	19.75	22.17519
REDB	19990823	20	19.125	21.76376
REDB	19990823	21	16.625	21.56893
REDB	19990823	22	12.25	20.73679
REDB	19990823	23	8.75	19.14183
REDB	19990824	0	6.125	17.82815
REDB	19990824	1	7.5	18.20169
REDB	19990824	2	10	20.15469
REDB	19990824	3	14	23.5906
REDB	19990824	4	19.125	28.28656
REDB	19990824	5	23.75	34.32528
REDB	19990824	6	31.5	42.07827
REDB	19990824	7	41.375	50.51655
REDB	19990824	8	52.125	58.26606
REDB	19990824	9	61.5	63.08707
REDB	19990824	10	69.25	63.92625
REDB	19990824	11	73.125	61.06608
REDB	19990824	12	72.375	55.41346
REDB	19990824	13	70.375	47.16056
REDB	19990824	14	66.875	37.7103
REDB	19990824	15	60.625	28.22766
REDB	19990824	16	52.5	19.19288
REDB	19990824	17	42.5	11.40386
REDB	19990824	18	35.375	5.862217
REDB	19990824	19	29.625	2.381768
REDB	19990824	20	26.75	0.440283
REDB	19990824	21	23	0.000001
REDB	19990824	22	18.625	0.000001
REDB	19990824	23	15.125	0.342548
REDB	19990825	0	12.375	1.035034

REDB	19990825	1	12.125	2.823187
REDB	19990825	2	13.25	6.141925
REDB	19990825	3	18	11.03462
REDB	19990825	4	25	18.29081
REDB	19990825	5	34.25	28.2082
REDB	19990825	6	44.125	39.08107
REDB	19990825	7	54.5	49.31748
REDB	19990825	8	64.75	58.18896
REDB	19990825	9	73.75	64.76574
REDB	19990825	10	78.875	67.77161
REDB	19990825	11	79.125	66.6547
REDB	19990825	12	73.75	61.79406
REDB	19990825	13	65.125	54.32283
REDB	19990825	14	55.875	46.00362
REDB	19990825	15	48.625	37.72512
REDB	19990825	16	42.75	30.31523
REDB	19990825	17	36.625	24.08571
REDB	19990825	18	31.625	19.97484
REDB	19990825	19	29.5	18.45196
REDB	19990825	20	29.5	18.39016
REDB	19990825	21	30.125	18.14805
REDB	19990825	22	30.625	16.70182
REDB	19990825	23	28.5	15.11149
REDB	19990826	0	-999	13.76403
REDB	19990826	1	-999	12.91008
REDB	19990826	2	-999	14.45214
REDB	19990826	3	-999	21.64788
REDB	19990826	4	-999	31.4653
REDB	19990826	5	-999	41.61876
REDB	19990826	6	-999	51.75634
REDB	19990826	7	-999	61.01529
REDB	19990826	8	55.125	69.83208
REDB	19990826	9	60	77.79565
REDB	19990826	10	64.25	82.75753
REDB	19990826	11	64.25	78.42756
REDB	19990826	12	61.25	69.06451
REDB	19990826	13	57.5	59.1172
REDB	19990826	14	53.25	50.08044
REDB	19990826	15	48.5	42.17046
REDB	19990826	16	45.125	34.4921
REDB	19990826	17	42.5	27.33567
REDB	19990826	18	36.625	20.77633
REDB	19990826	19	33.125	18.03283
REDB	19990826	20	32	17.93569
REDB	19990826	21	31.5	18.53414
REDB	19990826	22	29.625	18.99963
REDB	19990826	23	25.25	18.62989
REDB	19990827	0	20.125	18.48107
REDB	19990827	1	16.375	18.80389
REDB	19990827	2	20.25	22.19099
REDB	19990827	3	24.625	26.83607

REDB	19990827	4	29.5	31.69845
REDB	19990827	5	35.5	36.98059
REDB	19990827	6	42.875	44.24465
REDB	19990827	7	52.75	52.58161
REDB	19990827	8	62.875	59.93789
REDB	19990827	9	71.375	66.20446
REDB	19990827	10	74	69.03169
REDB	19990827	11	72.75	68.49012
REDB	19990827	12	69.5	65.34178
REDB	19990827	13	66.125	60.64719
REDB	19990827	14	62	54.00253
REDB	19990827	15	56.875	46.9352
REDB	19990827	16	51.25	40.44309
REDB	19990827	17	46.125	34.44379
REDB	19990827	18	41.5	29.036
REDB	19990827	19	38.375	25.97463
REDB	19990827	20	36.375	25.7229
REDB	19990827	21	32.25	26.74709
REDB	19990827	22	28.75	27.945
REDB	19990827	23	26.75	28.43544
REDB	19990828	0	25.5	28.72037
REDB	19990828	1	25.125	30.97044
REDB	19990828	2	27	35.75177
REDB	19990828	3	31.125	42.29328
REDB	19990828	4	35.25	48.96137
REDB	19990828	5	40.875	55.65385
REDB	19990828	6	47.25	62.935
REDB	19990828	7	52.625	71.33186
REDB	19990828	8	57.625	78.94292
REDB	19990828	9	62.25	82.23605
REDB	19990828	10	65.625	79.32089
REDB	19990828	11	66.25	73.06931
REDB	19990828	12	64.5	66.08005
REDB	19990828	13	60.875	57.91223
REDB	19990828	14	58.625	48.61055
REDB	19990828	15	57	39.01084
REDB	19990828	16	54.5	30.83265
REDB	19990828	17	53.5	25.38974
REDB	19990828	18	52.125	23.66595
REDB	19990828	19	50.625	23.07306
REDB	19990828	20	50.375	22.24803
REDB	19990828	21	51.625	22.0146
REDB	19990828	22	49.375	22.27367
REDB	19990828	23	45	22.60258
REDB	19990829	0	43.625	23.75284
REDB	19990829	1	40.75	27.17753
REDB	19990829	2	40.375	33.63153
REDB	19990829	3	42.5	41.98404
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REDB	19990829	6	56.5	68.55186

REDB	19990829	7	64.125	76.25627
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REDB	19990829	9	75.625	86.7772
REDB	19990829	10	77.875	85.63713
REDB	19990829	11	77.125	80.54695
REDB	19990829	12	72.5	72.87031
REDB	19990829	13	65.5	64.90664
REDB	19990829	14	61.625	58.00802
REDB	19990829	15	57	52.12315
REDB	19990829	16	51.25	46.34203
REDB	19990829	17	45.5	41.75555
REDB	19990829	18	40.5	38.99014
REDB	19990829	19	37.375	38.54689
REDB	19990829	20	35.875	39.73488
REDB	19990829	21	35.75	40.85594
REDB	19990829	22	29.625	39.85996
REDB	19990829	23	24.5	36.26631
REDB	19990830	0	21	32.76162
REDB	19990830	1	20.25	30.7267
REDB	19990830	2	21.75	30.96733
REDB	19990830	3	26.25	34.81493
REDB	19990830	4	33.75	41.08106
REDB	19990830	5	42.5	47.79802
REDB	19990830	6	53.625	55.80431
REDB	19990830	7	64.875	65.32503
REDB	19990830	8	74.625	73.51589
REDB	19990830	9	81	78.80878
REDB	19990830	10	84.5	80.51408
REDB	19990830	11	84	75.19095
REDB	19990830	12	80.5	65.19191
REDB	19990830	13	73	54.85248
REDB	19990830	14	65.625	44.89957
REDB	19990830	15	57.875	35.53602
REDB	19990830	16	48.875	27.68573
REDB	19990830	17	42.875	21.97113
REDB	19990830	18	34.625	18.47136
REDB	19990830	19	28.375	19.18511
REDB	19990830	20	23.625	22.85852
REDB	19990830	21	20.125	26.91936
REDB	19990830	22	16.75	29.74274
REDB	19990830	23	13.75	30.30578
REDB	19990831	0	13.375	30.16048
REDB	19990831	1	13.875	29.83984
REDB	19990831	2	20.125	32.25
REDB	19990831	3	27	37.14881
REDB	19990831	4	35.375	42.57759
REDB	19990831	5	45.5	47.98685
REDB	19990831	6	55	54.61576
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REDB	19990831	8	72.125	71.50044
REDB	19990831	9	76.5	78.14676

REDB	19990831	10	77	79.47991
REDB	19990831	11	74.25	74.60271
REDB	19990831	12	68.25	66.72688
REDB	19990831	13	61.625	58.57495
REDB	19990831	14	54.25	50.54932
REDB	19990831	15	45	43.24099
REDB	19990831	16	39.5	37.37108
REDB	19990831	17	35.5	33.66607
REDB	19990831	18	32.75	32.31495
REDB	19990831	19	31.625	33.92651
REDB	19990831	20	32.25	37.92706
REDB	19990831	21	32.125	42.53018
REDB	19990831	22	30.375	46.645
REDB	19990831	23	30.125	48.97422
REDB	19990901	0	28.875	50.1695
REDB	19990901	1	29.25	51.9587
REDB	19990901	2	31.125	54.5799
REDB	19990901	3	34.625	58.59744
REDB	19990901	4	38.625	62.94267
REDB	19990901	5	44.375	66.64144
REDB	19990901	6	51.75	70.03304
REDB	19990901	7	59.125	73.84367
REDB	19990901	8	64	77.00829
REDB	19990901	9	65.625	77.27974
REDB	19990901	10	64.75	74.66789
REDB	19990901	11	62	69.27705
REDB	19990901	12	58	62.31107
REDB	19990901	13	53.875	55.72937
REDB	19990901	14	51.625	50.12298
REDB	19990901	15	48.875	45.4113
REDB	19990901	16	45.75	41.26863
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REDB	19990901	21	-999	0
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DENT	19990813	1	17.75	32.77082
DENT	19990813	2	18.375	33.42362
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DENT	19990813	5	24.25	41.10698
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DENT	19990814	3	39.125	46.33723
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DENT	19990814	5	51.5	54.09535
DENT	19990814	6	58.875	57.58406
DENT	19990814	7	66.375	60.77694
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DENT	19990815	13	82.875	73.47665
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DENT	19990815	23	24.125	42.45909
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DENT	19990816	3	30.375	44.26829
DENT	19990816	4	39.75	50.16439
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DENT	19990816	8	86.875	83.50314
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DENT	19990816	14	81.375	77.98124
DENT	19990816	15	72.75	71.29129
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DENT	19990816	19	32.375	51.48301
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DENT	19990817	0	6.625	37.18997
DENT	19990817	1	9.25	36.95134
DENT	19990817	2	19.125	38.91955
DENT	19990817	3	29.75	43.1255
DENT	19990817	4	42.375	49.62511
DENT	19990817	5	55.75	58.3538
DENT	19990817	6	71.375	68.60925
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DENT	19990817	8	101.125	89.52502
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DENT	19990818	4	36.75	47.07549
DENT	19990818	5	48.5	56.19701
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DENT	19990818	7	73.5	76.87074
DENT	19990818	8	84.375	87.54621
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DENT	19990818	10	97.125	103.6936
DENT	19990818	11	100.625	108.6276
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DENT	19990819	0	17.125	30.17947
DENT	19990819	1	19.625	31.59828
DENT	19990819	2	24.25	36.28879
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DENT	19990819	6	48.625	63.14887
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DENT	19990819	12	74.125	70.17619
DENT	19990819	13	72.875	66.87463
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DENT	19990819	23	29.625	53.9233
DENT	19990820	0	27.375	52.43329
DENT	19990820	1	28.375	51.23128
DENT	19990820	2	29.625	51.23764
DENT	19990820	3	33.5	52.23245
DENT	19990820	4	39.5	53.5847
DENT	19990820	5	45.5	55.35181
DENT	19990820	6	52.375	57.76259
DENT	19990820	7	60.375	60.71106
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DENT	19990820	11	71.25	67.2319
DENT	19990820	12	68.625	65.90156
DENT	19990820	13	64.625	63.6641
DENT	19990820	14	61.75	60.37819
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DENT	19990820	23	7.75	30.45934
DENT	19990821	0	8.125	30.64883
DENT	19990821	1	13.375	32.94731
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DENT	19990821	3	30.375	44.21966
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DENT	19990821	5	49.875	58.61852
DENT	19990821	6	59.875	66.4527
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DENT	19990821	8	77.25	81.5891
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DENT	19990821	12	81.375	84.72702
DENT	19990821	13	78.25	81.35619
DENT	19990821	14	74.75	76.82321
DENT	19990821	15	70.5	71.23698
DENT	19990821	16	65.5	65.11743
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DENT	19990821	21	-999	41.64605
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DENT	19990821	23	-999	37.15491
DENT	19990822	0	-999	36.41343

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DENT	19990822	5	54.875	63.34898
DENT	19990822	6	62.625	71.58205
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DENT	19990822	9	86.5	89.41675
DENT	19990822	10	89.375	91.62546
DENT	19990822	11	89.5	89.49876
DENT	19990822	12	87.375	84.90076
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DENT	19990822	14	76.625	71.67001
DENT	19990822	15	68	65.8574
DENT	19990822	16	58.875	59.60215
DENT	19990822	17	49.875	52.05421
DENT	19990822	18	40.25	45.46314
DENT	19990822	19	33.375	41.06267
DENT	19990822	20	28.5	37.5885
DENT	19990822	21	24.125	34.78588
DENT	19990822	22	20.625	32.96631
DENT	19990822	23	19	32.26332
DENT	19990823	0	18.5	32.22249
DENT	19990823	1	19	32.60086
DENT	19990823	2	21.5	34.40315
DENT	19990823	3	23.875	38.95505
DENT	19990823	4	26.75	45.79844
DENT	19990823	5	32.375	53.32715
DENT	19990823	6	38.75	60.76188
DENT	19990823	7	45.375	67.77126
DENT	19990823	8	51.375	74.39448
DENT	19990823	9	56.25	80.19498
DENT	19990823	10	58.75	83.58133
DENT	19990823	11	59.5	82.87225
DENT	19990823	12	58.625	78.54599
DENT	19990823	13	55.375	72.61622
DENT	19990823	14	50.75	66.16719
DENT	19990823	15	46	59.39291
DENT	19990823	16	41	52.53609
DENT	19990823	17	35.375	46.10072
DENT	19990823	18	30.75	40.75783
DENT	19990823	19	26.625	36.98069
DENT	19990823	20	23.125	34.66596
DENT	19990823	21	19	33.29417
DENT	19990823	22	15.5	32.34816
DENT	19990823	23	11.75	31.71793
DENT	19990824	0	8.875	31.22361
DENT	19990824	1	9.625	31.94952
DENT	19990824	2	11.75	34.13373
DENT	19990824	3	15.25	37.38906

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DENT	19990824	5	27.125	45.70338
DENT	19990824	6	35.125	50.31106
DENT	19990824	7	43.625	54.90151
DENT	19990824	8	50.375	59.6237
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DENT	19990824	12	59.125	67.88686
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DENT	19990824	15	48.125	59.96438
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DENT	19990824	17	42.875	52.39256
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DENT	19990824	20	-999	42.41892
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DENT	19990825	0	-999	40.98705
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DENT	19990825	3	26.625	48.21122
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DENT	19990825	20	21.25	13.09615
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DENT	19990825	23	9.125	8.752223
DENT	19990826	0	11.625	9.617294
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DENT	19990826	3	27.25	17.02658
DENT	19990826	4	35.375	23.38619
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DENT	19990826	22	30.625	29.86962
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DENT	19990827	2	29.375	25.39445
DENT	19990827	3	32.75	33.45495
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DENT	19990827	7	54.5	89.10396
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DENT	19990827	19	11.25	34.23365
DENT	19990827	20	10.5	30.05422
DENT	19990827	21	13.125	28.41793
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DENT	19990828	2	23.625	37.36134
DENT	19990828	3	31.5	44.8333
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DENT	19990828	8	82.625	89.45181
DENT	19990828	9	88.625	97.58105

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DENT	19990828	13	85.125	97.60011
DENT	19990828	14	78.75	89.99055
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DENT	19990828	22	33.5	15.32346
DENT	19990828	23	28.5	13.45919
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DENT	19990829	3	42.125	42.08447
DENT	19990829	4	49.625	56.94165
DENT	19990829	5	58.25	71.08109
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DENT	19990829	10	83.25	118.5228
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DENT	19990829	15	60.25	82.43137
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DENT	19990829	20	20.5	37.93763
DENT	19990829	21	14.75	34.37917
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DENT	19990829	23	6.875	31.93155
DENT	19990830	0	5.25	31.47667
DENT	19990830	1	9	33.25533
DENT	19990830	2	16.125	37.59997
DENT	19990830	3	25.75	43.81571
DENT	19990830	4	36.875	51.14514
DENT	19990830	5	48.125	59.03356
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DENT	19990831	1	9.375	42.72022
DENT	19990831	2	17.25	47.08144
DENT	19990831	3	27.625	52.82818
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DENT	19990831	6	61.25	68.29484
DENT	19990831	7	71.75	73.42104
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DENT	19990831	13	75.375	70.33611
DENT	19990831	14	70.75	64.95814
DENT	19990831	15	65	59.88428
DENT	19990831	16	58.375	55.12232
DENT	19990831	17	50.875	50.81178
DENT	19990831	18	-999	47.4437
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DENT	19990901	0	-999	54.44083
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DENT	19990901	2	-999	61.59955
DENT	19990901	3	27.875	67.00217
DENT	19990901	4	36.5	73.57665
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DENT	19990901	6	57.75	86.87141
DENT	19990901	7	68.125	92.87277
DENT	19990901	8	75.75	97.78985
DENT	19990901	9	80.375	100.7247
DENT	19990901	10	82.875	101.1464
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DENT	19990901	12	78.5	92.5532
DENT	19990901	13	72.75	85.40664
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DENT	19990901	15	62.875	70.55501

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DENT	19990901	21	-999	0
DENT	19990901	22	-999	0
DENT	19990901	23	-999	0
COLN	19990813	0	18.125	26.25511
COLN	19990813	1	17.625	25.11793
COLN	19990813	2	17.5	25.47202
COLN	19990813	3	18.125	27.37944
COLN	19990813	4	20.125	31.00151
COLN	19990813	5	22.75	36.05077
COLN	19990813	6	26.875	42.01422
COLN	19990813	7	33.75	48.50082
COLN	19990813	8	41.25	54.97456
COLN	19990813	9	49.625	60.8601
COLN	19990813	10	55.5	65.39442
COLN	19990813	11	58.75	67.93527
COLN	19990813	12	58.875	67.24641
COLN	19990813	13	60.375	63.89666
COLN	19990813	14	61.75	59.33505
COLN	19990813	15	60	54.04896
COLN	19990813	16	58.5	48.22285
COLN	19990813	17	52.5	42.20608
COLN	19990813	18	49.875	36.53077
COLN	19990813	19	48.25	31.55638
COLN	19990813	20	47.5	28.45352
COLN	19990813	21	44	27.23418
COLN	19990813	22	38.375	27.42458
COLN	19990813	23	33.375	28.16656
COLN	19990814	0	30.375	29.5927
COLN	19990814	1	32.25	32.59935
COLN	19990814	2	33.875	37.06625
COLN	19990814	3	37.75	42.3886
COLN	19990814	4	43.125	47.8061
COLN	19990814	5	49.375	52.7819
COLN	19990814	6	57.375	56.96365
COLN	19990814	7	65.875	60.94527
COLN	19990814	8	71.375	64.43473
COLN	19990814	9	75.125	66.33531
COLN	19990814	10	77.125	66.66186
COLN	19990814	11	77.375	65.52199
COLN	19990814	12	76.25	62.9994
COLN	19990814	13	74.25	59.49182
COLN	19990814	14	71.375	55.05496
COLN	19990814	15	68	49.75055
COLN	19990814	16	66.125	43.8705
COLN	19990814	17	61	37.90855
COLN	19990814	18	57.25	32.26556

COLN	19990814	19	53.375	27.47267
COLN	19990814	20	50.125	24.33092
COLN	19990814	21	47.5	22.66081
COLN	19990814	22	45	22.17534
COLN	19990814	23	42.5	22.24497
COLN	19990815	0	39.125	23.68592
COLN	19990815	1	40.25	28.12865
COLN	19990815	2	41.75	35.0355
COLN	19990815	3	44.375	43.50611
COLN	19990815	4	48.625	52.0808
COLN	19990815	5	54.25	60.09622
COLN	19990815	6	61.125	67.48644
COLN	19990815	7	68.375	74.5211
COLN	19990815	8	74.5	79.89235
COLN	19990815	9	79	82.06789
COLN	19990815	10	81.375	81.38903
COLN	19990815	11	81.625	78.28423
COLN	19990815	12	79.125	73.37959
COLN	19990815	13	75	69.32584
COLN	19990815	14	69.875	66.10868
COLN	19990815	15	65.625	62.93035
COLN	19990815	16	63.875	60.14817
COLN	19990815	17	58.625	56.71615
COLN	19990815	18	55.5	52.73519
COLN	19990815	19	52.875	49.12037
COLN	19990815	20	50.5	46.21476
COLN	19990815	21	48.125	42.28751
COLN	19990815	22	45	37.65268
COLN	19990815	23	39.75	33.05198
COLN	19990816	0	33.375	28.81669
COLN	19990816	1	33.375	27.70548
COLN	19990816	2	34	29.23645
COLN	19990816	3	37	33.2266
COLN	19990816	4	42.25	39.36068
COLN	19990816	5	49.5	47.30215
COLN	19990816	6	59.75	56.35468
COLN	19990816	7	70.625	65.81513
COLN	19990816	8	79	74.37165
COLN	19990816	9	85.375	79.99465
COLN	19990816	10	89.375	83.069
COLN	19990816	11	89.75	83.0276
COLN	19990816	12	86.875	80.083
COLN	19990816	13	81.25	74.88525
COLN	19990816	14	73.625	68.78801
COLN	19990816	15	67.125	63.10947
COLN	19990816	16	64.25	59.15823
COLN	19990816	17	56.625	56.54443
COLN	19990816	18	50.5	54.4261
COLN	19990816	19	46.625	52.51598
COLN	19990816	20	43.25	50.86616
COLN	19990816	21	40.875	48.93177

COLN	19990816	22	37.625	46.00415
COLN	19990816	23	32.375	41.76708
COLN	19990817	0	26.75	36.93309
COLN	19990817	1	30.125	33.13295
COLN	19990817	2	34.25	31.47936
COLN	19990817	3	39.375	33.11622
COLN	19990817	4	47.875	37.60167
COLN	19990817	5	58.5	44.56047
COLN	19990817	6	72.5	53.5517
COLN	19990817	7	89.875	63.71602
COLN	19990817	8	105.75	73.3353
COLN	19990817	9	114.875	80.78281
COLN	19990817	10	121.375	85.30283
COLN	19990817	11	122.625	85.83937
COLN	19990817	12	119.125	82.08769
COLN	19990817	13	112.125	74.46191
COLN	19990817	14	102.75	64.19737
COLN	19990817	15	91.125	53.16388
COLN	19990817	16	81.375	42.60371
COLN	19990817	17	68.875	32.95841
COLN	19990817	18	59.125	24.55017
COLN	19990817	19	53	17.66438
COLN	19990817	20	48.5	13.22705
COLN	19990817	21	44.75	11.27962
COLN	19990817	22	40.875	11.09108
COLN	19990817	23	35.5	12.25446
COLN	19990818	0	29.125	14.03823
COLN	19990818	1	30	16.94535
COLN	19990818	2	30.625	21.25516
COLN	19990818	3	33.75	27.7747
COLN	19990818	4	39.875	36.91382
COLN	19990818	5	48.375	48.47987
COLN	19990818	6	58.125	61.41762
COLN	19990818	7	71.875	74.38226
COLN	19990818	8	84.75	87.03307
COLN	19990818	9	96	98.07052
COLN	19990818	10	105.375	106.4137
COLN	19990818	11	111.5	110.9942
COLN	19990818	12	113.125	110.8425
COLN	19990818	13	108.625	105.7555
COLN	19990818	14	101.625	97.46278
COLN	19990818	15	92.75	87.1101
COLN	19990818	16	81.625	75.09813
COLN	19990818	17	67.75	62.36149
COLN	19990818	18	54.375	50.35814
COLN	19990818	19	41.875	39.77768
COLN	19990818	20	31.875	31.34389
COLN	19990818	21	26.5	25.4759
COLN	19990818	22	21.625	21.48354
COLN	19990818	23	16.25	18.9847
COLN	19990819	0	14.125	18.51181

COLN	19990819	1	16.75	21.05525
COLN	19990819	2	20.125	26.92645
COLN	19990819	3	25.625	35.40484
COLN	19990819	4	31.75	44.50665
COLN	19990819	5	39.25	52.79764
COLN	19990819	6	48.5	60.64804
COLN	19990819	7	58.5	68.11043
COLN	19990819	8	66.375	74.66852
COLN	19990819	9	72	78.74885
COLN	19990819	10	75.5	79.40358
COLN	19990819	11	75.125	76.61931
COLN	19990819	12	74.375	72.63023
COLN	19990819	13	72.25	69.61783
COLN	19990819	14	69.625	66.44054
COLN	19990819	15	66.625	63.54397
COLN	19990819	16	62.375	61.75154
COLN	19990819	17	55.875	61.11127
COLN	19990819	18	52.875	60.99053
COLN	19990819	19	51.375	61.33526
COLN	19990819	20	49.5	61.5005
COLN	19990819	21	46.25	60.66129
COLN	19990819	22	40.75	59.72304
COLN	19990819	23	34.375	58.12883
COLN	19990820	0	33.375	55.57723
COLN	19990820	1	35.75	52.95395
COLN	19990820	2	-999	51.35079
COLN	19990820	3	-999	51.10717
COLN	19990820	4	-999	52.34246
COLN	19990820	5	-999	54.24858
COLN	19990820	6	-999	56.88554
COLN	19990820	7	-999	60.62198
COLN	19990820	8	-999	64.67168
COLN	19990820	9	-999	68.02162
COLN	19990820	10	67.75	69.96557
COLN	19990820	11	69.125	70.04547
COLN	19990820	12	67.125	68.17678
COLN	19990820	13	62.625	65.12408
COLN	19990820	14	57.875	61.21062
COLN	19990820	15	54.5	56.42367
COLN	19990820	16	50	51.05531
COLN	19990820	17	44.125	45.44173
COLN	19990820	18	41.375	39.8707
COLN	19990820	19	39.125	34.96284
COLN	19990820	20	39.125	31.08133
COLN	19990820	21	40.875	28.66011
COLN	19990820	22	42.5	27.55668
COLN	19990820	23	42.25	27.43152
COLN	19990821	0	43.5	28.19944
COLN	19990821	1	46.75	31.22107
COLN	19990821	2	48.625	36.76816
COLN	19990821	3	52.375	44.04409

COLN	19990821	4	56.75	51.84879
COLN	19990821	5	61	59.51587
COLN	19990821	6	65.5	66.58921
COLN	19990821	7	70.875	72.7029
COLN	19990821	8	75	78.06667
COLN	19990821	9	77.875	81.12146
COLN	19990821	10	79.5	81.31294
COLN	19990821	11	79.375	79.02647
COLN	19990821	12	77.5	75.47224
COLN	19990821	13	75.375	71.02064
COLN	19990821	14	73.5	66.05361
COLN	19990821	15	70.75	61.06453
COLN	19990821	16	67.25	55.78724
COLN	19990821	17	63.25	50.70078
COLN	19990821	18	61.625	46.55417
COLN	19990821	19	59	43.41165
COLN	19990821	20	57	40.80414
COLN	19990821	21	55	38.55929
COLN	19990821	22	51.875	36.53706
COLN	19990821	23	48.75	35.07919
COLN	19990822	0	47.25	34.42088
COLN	19990822	1	46.5	36.26255
COLN	19990822	2	44.25	40.68959
COLN	19990822	3	45.75	47.98483
COLN	19990822	4	49.5	56.85716
COLN	19990822	5	55.25	66.19946
COLN	19990822	6	62.75	74.34219
COLN	19990822	7	70.875	81.6491
COLN	19990822	8	77.75	88.35535
COLN	19990822	9	84.25	92.02438
COLN	19990822	10	88.75	91.31209
COLN	19990822	11	89.875	86.33185
COLN	19990822	12	88	78.88279
COLN	19990822	13	83.625	70.18411
COLN	19990822	14	76.625	62.05677
COLN	19990822	15	69.125	54.26709
COLN	19990822	16	61.5	46.84588
COLN	19990822	17	53.125	40.13602
COLN	19990822	18	47.625	34.58047
COLN	19990822	19	42.125	29.91854
COLN	19990822	20	36.875	26.01308
COLN	19990822	21	32.5	23.02669
COLN	19990822	22	29.375	20.67505
COLN	19990822	23	25.375	18.55786
COLN	19990823	0	22.5	16.22792
COLN	19990823	1	21.125	14.26113
COLN	19990823	2	19	13.18124
COLN	19990823	3	18.875	15.89882
COLN	19990823	4	20.375	22.56591
COLN	19990823	5	22.625	30.97561
COLN	19990823	6	25.625	39.98893

COLN	19990823	7	31.25	48.97429
COLN	19990823	8	37.5	57.68246
COLN	19990823	9	42.875	65.09979
COLN	19990823	10	46.25	70.93644
COLN	19990823	11	47.75	71.69457
COLN	19990823	12	47.75	67.37184
COLN	19990823	13	46.375	60.06857
COLN	19990823	14	43.25	51.37859
COLN	19990823	15	40.5	42.32619
COLN	19990823	16	36.25	33.82549
COLN	19990823	17	31	26.56186
COLN	19990823	18	26.875	20.5997
COLN	19990823	19	23.375	16.54421
COLN	19990823	20	20.5	14.07824
COLN	19990823	21	17.75	13.1324
COLN	19990823	22	16	13.13798
COLN	19990823	23	12.25	13.35357
COLN	19990824	0	10	13.87256
COLN	19990824	1	10.375	15.33672
COLN	19990824	2	12.125	17.8379
COLN	19990824	3	15.875	22.01638
COLN	19990824	4	20.75	28.0972
COLN	19990824	5	26.75	35.66237
COLN	19990824	6	35.125	43.63957
COLN	19990824	7	44.25	51.20434
COLN	19990824	8	52.125	57.41378
COLN	19990824	9	58.375	61.65132
COLN	19990824	10	62.25	64.20662
COLN	19990824	11	63.5	64.31241
COLN	19990824	12	64.25	61.55167
COLN	19990824	13	64.125	56.55872
COLN	19990824	14	61.875	50.43578
COLN	19990824	15	59.625	44.83149
COLN	19990824	16	56	40.32408
COLN	19990824	17	51.875	36.80076
COLN	19990824	18	51.125	33.93142
COLN	19990824	19	51.375	31.92861
COLN	19990824	20	50	30.98486
COLN	19990824	21	47.625	30.75264
COLN	19990824	22	43.5	31.23979
COLN	19990824	23	36.625	31.424
COLN	19990825	0	32.875	31.31296
COLN	19990825	1	34.25	32.26816
COLN	19990825	2	34.375	34.76083
COLN	19990825	3	35.75	37.7728
COLN	19990825	4	39.75	42.21586
COLN	19990825	5	45.875	48.02184
COLN	19990825	6	54.75	54.62814
COLN	19990825	7	66.75	62.12369
COLN	19990825	8	78.25	69.37719
COLN	19990825	9	85.75	73.92043

COLN	19990825	10	91.375	75.21505
COLN	19990825	11	94.25	74.28928
COLN	19990825	12	91.125	69.92987
COLN	19990825	13	85.25	61.91208
COLN	19990825	14	77.875	51.46124
COLN	19990825	15	69	40.40097
COLN	19990825	16	59.375	29.85389
COLN	19990825	17	48.75	20.74054
COLN	19990825	18	39.25	13.34685
COLN	19990825	19	30.375	8.194685
COLN	19990825	20	26.375	5.472087
COLN	19990825	21	25.125	5.262292
COLN	19990825	22	22.25	6.513521
COLN	19990825	23	19.5	7.618575
COLN	19990826	0	18	8.959439
COLN	19990826	1	18.75	10.66295
COLN	19990826	2	20.875	14.00651
COLN	19990826	3	25.25	20.916
COLN	19990826	4	31.125	30.47066
COLN	19990826	5	37.125	42.45514
COLN	19990826	6	46.5	56.95659
COLN	19990826	7	58	72.54636
COLN	19990826	8	69.625	86.80522
COLN	19990826	9	78.5	98.98167
COLN	19990826	10	83.375	107.0831
COLN	19990826	11	86	107.3864
COLN	19990826	12	84.125	101.2741
COLN	19990826	13	79	90.98863
COLN	19990826	14	71	77.27782
COLN	19990826	15	62.25	61.94848
COLN	19990826	16	52.25	47.48504
COLN	19990826	17	43	35.45136
COLN	19990826	18	37.375	25.47738
COLN	19990826	19	31.75	18.91904
COLN	19990826	20	29.5	15.98211
COLN	19990826	21	30.875	15.03444
COLN	19990826	22	33.5	15.22757
COLN	19990826	23	34.25	15.74685
COLN	19990827	0	35.125	16.47165
COLN	19990827	1	38.625	17.42255
COLN	19990827	2	41.125	21.93087
COLN	19990827	3	44.75	29.86674
COLN	19990827	4	48.75	40.41936
COLN	19990827	5	52.5	52.59646
COLN	19990827	6	57.75	66.02615
COLN	19990827	7	60.5	80.53696
COLN	19990827	8	63.125	94.04439
COLN	19990827	9	63	102.701
COLN	19990827	10	61.875	104.3236
COLN	19990827	11	60.875	101.2596
COLN	19990827	12	58.25	92.56397

COLN	19990827	13	54.75	79.78521
COLN	19990827	14	50.25	65.62239
COLN	19990827	15	49.125	51.11524
COLN	19990827	16	46.875	37.64109
COLN	19990827	17	44.125	28.10523
COLN	19990827	18	42.875	22.85739
COLN	19990827	19	40.125	19.65269
COLN	19990827	20	38.5	19.2265
COLN	19990827	21	36.625	21.12952
COLN	19990827	22	34.25	23.57157
COLN	19990827	23	31.75	25.4307
COLN	19990828	0	31.125	26.8533
COLN	19990828	1	32.25	29.63434
COLN	19990828	2	33.625	33.95969
COLN	19990828	3	38.125	40.25341
COLN	19990828	4	44.5	49.72315
COLN	19990828	5	51.875	60.82865
COLN	19990828	6	60.25	71.26244
COLN	19990828	7	68.375	81.45802
COLN	19990828	8	75.375	91.41009
COLN	19990828	9	81.375	99.04594
COLN	19990828	10	85.125	101.5584
COLN	19990828	11	86.25	97.94006
COLN	19990828	12	84.125	88.47677
COLN	19990828	13	80.25	75.14479
COLN	19990828	14	77.375	60.83698
COLN	19990828	15	74.25	46.94048
COLN	19990828	16	68.875	34.32946
COLN	19990828	17	62.375	23.97586
COLN	19990828	18	58.375	17.66837
COLN	19990828	19	53.875	15.48444
COLN	19990828	20	49.625	16.03648
COLN	19990828	21	46.25	18.60256
COLN	19990828	22	41.625	22.68844
COLN	19990828	23	38.375	27.06999
COLN	19990829	0	39.5	31.27369
COLN	19990829	1	43.75	36.28613
COLN	19990829	2	47.125	44.16669
COLN	19990829	3	52.25	54.99132
COLN	19990829	4	58.375	67.02536
COLN	19990829	5	64.75	78.28392
COLN	19990829	6	71.5	88.79369
COLN	19990829	7	77.625	99.00537
COLN	19990829	8	81.625	107.8446
COLN	19990829	9	83.125	113.2143
COLN	19990829	10	83.125	112.9372
COLN	19990829	11	81.75	106.7283
COLN	19990829	12	79.25	96.73395
COLN	19990829	13	75	86.22895
COLN	19990829	14	70.625	75.91357
COLN	19990829	15	66.5	65.96581

COLN	19990829	16	61.5	57.1146
COLN	19990829	17	55.625	49.7091
COLN	19990829	18	51.5	43.83729
COLN	19990829	19	48.125	40.10375
COLN	19990829	20	45.125	38.4493
COLN	19990829	21	43.25	37.53967
COLN	19990829	22	41	36.36623
COLN	19990829	23	37.25	33.99278
COLN	19990830	0	36.75	31.50217
COLN	19990830	1	38.875	30.22044
COLN	19990830	2	42.25	32.04954
COLN	19990830	3	47.125	37.11425
COLN	19990830	4	53.25	44.6627
COLN	19990830	5	60.25	52.72902
COLN	19990830	6	67.25	60.69899
COLN	19990830	7	74.125	69.18253
COLN	19990830	8	78.875	76.93645
COLN	19990830	9	82.5	82.51505
COLN	19990830	10	83.5	84.05895
COLN	19990830	11	82.5	81.63648
COLN	19990830	12	80	75.39666
COLN	19990830	13	76	67.98683
COLN	19990830	14	70.875	60.71421
COLN	19990830	15	66.5	54.04128
COLN	19990830	16	60.75	48.33028
COLN	19990830	17	54	43.94941
COLN	19990830	18	50.375	41.08946
COLN	19990830	19	47	39.54863
COLN	19990830	20	45.25	39.78787
COLN	19990830	21	44.5	40.99562
COLN	19990830	22	44	42.2931
COLN	19990830	23	43.125	42.28251
COLN	19990831	0	44.375	41.14257
COLN	19990831	1	48.375	40.57838
COLN	19990831	2	51	42.90426
COLN	19990831	3	54.875	47.00583
COLN	19990831	4	58.875	51.14582
COLN	19990831	5	63.125	55.1314
COLN	19990831	6	68.125	59.46711
COLN	19990831	7	73.5	64.97468
COLN	19990831	8	78.375	70.92364
COLN	19990831	9	81.375	75.25079
COLN	19990831	10	82.5	75.33843
COLN	19990831	11	81.125	71.69331
COLN	19990831	12	77.75	66.55808
COLN	19990831	13	74.5	61.36227
COLN	19990831	14	70.5	56.31011
COLN	19990831	15	66.75	51.56681
COLN	19990831	16	60.875	47.34917
COLN	19990831	17	54.125	43.95252
COLN	19990831	18	49.5	41.83491

COLN	19990831	19	46.375	41.83469
COLN	19990831	20	44.625	43.38762
COLN	19990831	21	42.5	45.4192
COLN	19990831	22	40.875	47.35344
COLN	19990831	23	37	48.20728
COLN	19990901	0	35.75	48.54386
COLN	19990901	1	38.5	50.28812
COLN	19990901	2	40.625	53.10289
COLN	19990901	3	44.375	57.3504
COLN	19990901	4	49.5	63.22691
COLN	19990901	5	55.125	69.28082
COLN	19990901	6	60.375	74.37437
COLN	19990901	7	67.625	79.42944
COLN	19990901	8	74.125	83.97962
COLN	19990901	9	77	85.91096
COLN	19990901	10	79	85.37249
COLN	19990901	11	78.625	82.10058
COLN	19990901	12	74.625	76.37796
COLN	19990901	13	70.375	69.99752
COLN	19990901	14	67.125	64.21146
COLN	19990901	15	64.125	58.86197
COLN	19990901	16	59.125	53.80661
COLN	19990901	17	-999	0
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COLN	19990901	21	-999	0
COLN	19990901	22	-999	0
COLN	19990901	23	-999	0
MDLT	19990813	0	22.25	34.59958
MDLT	19990813	1	21.25	34.41814
MDLT	19990813	2	21	35.25345
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MDLT	19990813	5	27.75	41.99968
MDLT	19990813	6	32.25	45.29605
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MDLT	19990813	11	51.625	55.98978
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MDLT	19990813	15	45.25	40.75704
MDLT	19990813	16	41.125	33.47556
MDLT	19990813	17	38.375	26.31232
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MDLT	19990813	20	34	9.027978
MDLT	19990813	21	34.125	4.713456

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MDLT	19990813	23	33.75	1.51218
MDLT	19990814	0	34.875	3.861049
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MDLT	19990814	2	40	17.66248
MDLT	19990814	3	46.375	27.58782
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MDLT	19990814	6	68.125	59.78087
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MDLT	19990815	5	57.75	57.31212
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MDLT	19990815	8	71.875	72.67204
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MDLT	19990815	10	78.5	76.51552
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MDLT	19990815	21	56.875	55.72121
MDLT	19990815	22	55.5	53.01202
MDLT	19990815	23	54.125	49.94873
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MDLT	19990816	3	58.875	47.9362
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MDLT	19990816	5	66.125	53.90583
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MDLT	19990816	9	83	75.05598
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MDLT	19990816	21	65.125	41.61201
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MDLT	19990816	23	65.375	35.85728
MDLT	19990817	0	65.5	33.37515
MDLT	19990817	1	67.5	33.67754
MDLT	19990817	2	70.5	35.98961
MDLT	19990817	3	73.5	39.29306
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MDLT	19990817	5	78.875	48.12213
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MDLT	19990817	7	84	59.62177
MDLT	19990817	8	85.625	66.23038
MDLT	19990817	9	86.375	70.62753
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MDLT	19990817	11	84.5	73.75667
MDLT	19990817	12	84.875	73.13211
MDLT	19990817	13	85	71.12425
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MDLT	19990817	15	84.125	63.9356
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MDLT	19990817	17	81	53.09116
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MDLT	19990817	21	-999	35.92275
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MDLT	19990818	2	-999	33.8247
MDLT	19990818	3	55.625	38.91233

MDLT	19990818	4	57.25	43.99344
MDLT	19990818	5	58.875	49.42246
MDLT	19990818	6	60.625	55.25528
MDLT	19990818	7	63	61.52243
MDLT	19990818	8	65.875	68.00953
MDLT	19990818	9	68.875	71.71576
MDLT	19990818	10	70.125	72.19381
MDLT	19990818	11	70.25	71.06062
MDLT	19990818	12	69.25	69.16636
MDLT	19990818	13	67.875	66.36227
MDLT	19990818	14	66.25	62.81416
MDLT	19990818	15	64	58.6513
MDLT	19990818	16	61.125	54.24705
MDLT	19990818	17	56.875	49.82826
MDLT	19990818	18	51.25	45.57476
MDLT	19990818	19	46.375	42.19486
MDLT	19990818	20	43.25	39.73365
MDLT	19990818	21	40.25	37.94174
MDLT	19990818	22	37.75	36.56791
MDLT	19990818	23	35.625	35.34384
MDLT	19990819	0	33.375	33.95645
MDLT	19990819	1	33.125	33.82023
MDLT	19990819	2	37	35.33455
MDLT	19990819	3	43.125	39.12539
MDLT	19990819	4	49.25	44.55975
MDLT	19990819	5	57.75	51.14588
MDLT	19990819	6	67.375	58.97954
MDLT	19990819	7	78.125	68.16937
MDLT	19990819	8	90.25	78.38358
MDLT	19990819	9	100.625	87.40282
MDLT	19990819	10	107.25	93.3344
MDLT	19990819	11	108.375	94.41829
MDLT	19990819	12	105.375	92.2288
MDLT	19990819	13	100.125	88.12009
MDLT	19990819	14	93.5	81.99071
MDLT	19990819	15	83.25	73.12695
MDLT	19990819	16	72.25	62.05661
MDLT	19990819	17	63.5	51.19225
MDLT	19990819	18	56.125	44.09232
MDLT	19990819	19	52	41.0617
MDLT	19990819	20	50.75	40.08283
MDLT	19990819	21	49.25	39.93182
MDLT	19990819	22	46.375	40.39264
MDLT	19990819	23	45.5	41.91718
MDLT	19990820	0	45.75	44.10742
MDLT	19990820	1	45.25	46.00389
MDLT	19990820	2	46.5	46.79057
MDLT	19990820	3	49.75	47.61086
MDLT	19990820	4	54.375	49.89723
MDLT	19990820	5	60.125	53.88511
MDLT	19990820	6	69.125	59.0594

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MDLT	19990820	8	86.875	71.17458
MDLT	19990820	9	93	76.9347
MDLT	19990820	10	97	80.48673
MDLT	19990820	11	98	81.00301
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MDLT	19990820	13	93.5	73.1678
MDLT	19990820	14	87.625	65.55119
MDLT	19990820	15	79.875	57.16132
MDLT	19990820	16	71.5	48.67692
MDLT	19990820	17	65	40.86765
MDLT	19990820	18	59.375	34.09465
MDLT	19990820	19	54.75	29.01041
MDLT	19990820	20	51.5	25.56751
MDLT	19990820	21	49.5	24.57428
MDLT	19990820	22	48.125	25.87285
MDLT	19990820	23	48.5	28.4879
MDLT	19990821	0	50	31.55072
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MDLT	19990821	4	64.375	54.37982
MDLT	19990821	5	69.75	60.45663
MDLT	19990821	6	75.375	65.68638
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MDLT	19990821	9	92.5	76.98171
MDLT	19990821	10	94.625	78.0048
MDLT	19990821	11	95.5	77.50444
MDLT	19990821	12	93.875	75.90319
MDLT	19990821	13	91.125	73.29981
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MDLT	19990821	15	86.125	65.69012
MDLT	19990821	16	81.875	60.96615
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MDLT	19990821	22	-999	37.02606
MDLT	19990821	23	-999	35.93922
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MDLT	19990822	6	62.5	64.53067
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MDLT	19990822	8	73.75	72.23965
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MDLT	19990822	10	79.75	72.14339
MDLT	19990822	11	80.75	70.18124
MDLT	19990822	12	80.375	67.78991
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MDLT	19990822	20	51.5	40.35406
MDLT	19990822	21	46	37.7225
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MDLT	19990823	3	22.75	42.21783
MDLT	19990823	4	23.25	46.21421
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MDLT	19990823	6	28.5	54.17014
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MDLT	19990823	8	37.25	60.61032
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MDLT	19990823	17	39.75	42.54738
MDLT	19990823	18	36.625	39.81773
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MDLT	19990823	21	27.875	34.51401
MDLT	19990823	22	25.125	33.24718
MDLT	19990823	23	22.25	32.20404
MDLT	19990824	0	20.75	31.38303
MDLT	19990824	1	21.125	31.56028
MDLT	19990824	2	22.25	33.0697
MDLT	19990824	3	24	35.22693
MDLT	19990824	4	26.625	37.83085
MDLT	19990824	5	29	40.94045
MDLT	19990824	6	32.375	44.55421
MDLT	19990824	7	38.125	48.5012
MDLT	19990824	8	43.75	52.55677
MDLT	19990824	9	47.75	55.62048
MDLT	19990824	10	51.875	57.14734
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MDLT	19990824	12	59.25	57.03447

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MDLT	19990824	14	64.125	51.32449
MDLT	19990824	15	63.5	47.11869
MDLT	19990824	16	61.5	42.20845
MDLT	19990824	17	60.5	37.00849
MDLT	19990824	18	-999	31.82807
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MDLT	19990824	20	-999	22.46091
MDLT	19990824	21	-999	19.29736
MDLT	19990824	22	-999	16.6107
MDLT	19990824	23	-999	14.5786
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MDLT	19990825	3	39.75	22.34604
MDLT	19990825	4	-999	30.38827
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MDLT	19990825	7	-999	62.45409
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MDLT	19990825	18	62.375	38.73814
MDLT	19990825	19	59.875	32.90995
MDLT	19990825	20	56.5	28.25069
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MDLT	19990825	22	48.875	22.83577
MDLT	19990825	23	44.625	21.82565
MDLT	19990826	0	41	21.5636
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MDLT	19990826	2	36.25	23.16423
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MDLT	19990826	4	41.25	30.11884
MDLT	19990826	5	46	34.18854
MDLT	19990826	6	51.25	38.1595
MDLT	19990826	7	56.875	42.07348
MDLT	19990826	8	61.875	46.32355
MDLT	19990826	9	66.5	51.18573
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MDLT	19990826	14	70.75	53.36926
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MDLT	19990826	18	58.25	36.61255
MDLT	19990826	19	51.5	32.7337
MDLT	19990826	20	46	30.01511
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MDLT	19990826	23	35.125	26.38898
MDLT	19990827	0	31.375	26.74139
MDLT	19990827	1	29.125	28.36117
MDLT	19990827	2	27.375	31.53831
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MDLT	19990827	5	43.875	42.1895
MDLT	19990827	6	51.125	46.24698
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MDLT	19990827	9	75.25	58.36418
MDLT	19990827	10	83.375	59.62201
MDLT	19990827	11	87.25	59.04745
MDLT	19990827	12	86.625	57.98402
MDLT	19990827	13	84.5	56.89326
MDLT	19990827	14	81.375	54.73547
MDLT	19990827	15	77.25	51.59688
MDLT	19990827	16	72.125	48.2921
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MDLT	19990827	18	63.5	41.79411
MDLT	19990827	19	59.25	39.57548
MDLT	19990827	20	55.75	37.72573
MDLT	19990827	21	52.875	36.38184
MDLT	19990827	22	50.125	35.64726
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MDLT	19990828	2	45.625	40.39596
MDLT	19990828	3	46	45.07503
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MDLT	19990828	5	49.75	55.19687
MDLT	19990828	6	53.625	59.93572
MDLT	19990828	7	58.25	64.73139
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MDLT	19990828	9	66.25	72.33437
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MDLT	19990828	12	72.25	68.30763
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MDLT	19990828	14	70	61.10481
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MDLT	19990828	16	68.375	51.37232
MDLT	19990828	17	66.75	46.1627
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MDLT	19990828	22	-999	27.55253
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MDLT	19990829	0	-999	23.66137
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MDLT	19990829	3	68.375	36.34702
MDLT	19990829	4	69.125	44.92238
MDLT	19990829	5	70.125	53.50523
MDLT	19990829	6	72.25	61.6497
MDLT	19990829	7	74.875	69.13563
MDLT	19990829	8	78.25	75.28108
MDLT	19990829	9	81.25	79.42473
MDLT	19990829	10	83.875	78.98685
MDLT	19990829	11	85.125	75.92871
MDLT	19990829	12	84.75	71.05399
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MDLT	19990829	14	81.5	61.08544
MDLT	19990829	15	80.5	56.24288
MDLT	19990829	16	78.5	51.83291
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MDLT	19990829	18	73.625	43.97222
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MDLT	19990830	0	72.375	39.92242
MDLT	19990830	1	72.125	41.67515
MDLT	19990830	2	73.125	45.48492
MDLT	19990830	3	75	50.14458
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MDLT	19990830	5	79.125	59.26394
MDLT	19990830	6	81.375	64.40731
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MDLT	19990830	8	89.125	75.21278
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MDLT	19990830	18	65.5	44.82907
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MDLT	19990830	20	58.25	40.76309
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MDLT	19990831	2	53.25	48.59842
MDLT	19990831	3	58.625	54.08353
MDLT	19990831	4	63.75	58.95202
MDLT	19990831	5	68.75	63.19921
MDLT	19990831	6	75.25	67.31412
MDLT	19990831	7	81.375	71.69321
MDLT	19990831	8	87.25	76.37374
MDLT	19990831	9	90.75	80.14623
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MDLT	19990831	12	85.375	76.15562
MDLT	19990831	13	80.375	73.34614
MDLT	19990831	14	75	70.32491
MDLT	19990831	15	70.125	67.17501
MDLT	19990831	16	65.75	64.16426
MDLT	19990831	17	62.25	61.75536
MDLT	19990831	18	-999	59.97219
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MDLT	19990901	8	80.75	80.31242
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MDLT	19990901	21	-999	0
MDLT	19990901	22	-999	0
MDLT	19990901	23	-999	0
ARLI	19990813	0	18	31.12678

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ARLI	19990813	2	16.125	30.78555
ARLI	19990813	3	16.875	32.89208
ARLI	19990813	4	18.25	36.30435
ARLI	19990813	5	20.625	40.60964
ARLI	19990813	6	24.5	45.95037
ARLI	19990813	7	30.125	52.24542
ARLI	19990813	8	36.125	58.78343
ARLI	19990813	9	38.625	63.94729
ARLI	19990813	10	39.5	64.264
ARLI	19990813	11	38.5	60.39341
ARLI	19990813	12	35.5	55.01325
ARLI	19990813	13	31	48.35334
ARLI	19990813	14	25.875	39.47981
ARLI	19990813	15	22.125	30.00573
ARLI	19990813	16	18.5	20.67213
ARLI	19990813	17	16.625	11.94014
ARLI	19990813	18	14.75	6.693422
ARLI	19990813	19	13.25	4.183603
ARLI	19990813	20	13.875	1.942732
ARLI	19990813	21	16.625	0.321171
ARLI	19990813	22	18.875	0.516475
ARLI	19990813	23	18.75	1.541397
ARLI	19990814	0	18.625	3.959781
ARLI	19990814	1	20.75	8.825027
ARLI	19990814	2	25.875	16.47401
ARLI	19990814	3	33.625	26.9378
ARLI	19990814	4	43.5	39.17051
ARLI	19990814	5	54	51.80603
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ARLI	19990815	3	47.125	46.29064

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ARLI	19990815	5	53.125	60.76008
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ARLI	19990815	15	66.375	68.55223
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ARLI	19990815	18	49	52.859
ARLI	19990815	19	43.625	50.94364
ARLI	19990815	20	40.5	50.25171
ARLI	19990815	21	39.125	48.93063
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ARLI	19990815	23	31.875	41.07512
ARLI	19990816	0	29.25	35.81993
ARLI	19990816	1	29.125	33.67503
ARLI	19990816	2	31.75	34.66264
ARLI	19990816	3	36.25	37.69077
ARLI	19990816	4	41.875	42.07311
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ARLI	19990816	8	83.375	77.07503
ARLI	19990816	9	88.25	84.44811
ARLI	19990816	10	90	87.0089
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ARLI	19990816	12	86.25	79.42272
ARLI	19990816	13	79.75	72.79394
ARLI	19990816	14	71.625	65.10878
ARLI	19990816	15	63.5	57.18932
ARLI	19990816	16	56.25	49.81062
ARLI	19990816	17	51.75	43.41777
ARLI	19990816	18	47.25	38.52403
ARLI	19990816	19	43.375	36.2707
ARLI	19990816	20	41.125	35.42549
ARLI	19990816	21	41.5	34.45213
ARLI	19990816	22	40.625	32.34613
ARLI	19990816	23	36.125	28.86498
ARLI	19990817	0	33.375	25.2269
ARLI	19990817	1	34.75	23.70673
ARLI	19990817	2	40.5	25.80715
ARLI	19990817	3	47	30.17495
ARLI	19990817	4	53.25	35.71015
ARLI	19990817	5	60.5	42.41145
ARLI	19990817	6	68.625	50.78109

ARLI	19990817	7	79.5	60.37859
ARLI	19990817	8	88.625	69.67786
ARLI	19990817	9	92.375	76.28445
ARLI	19990817	10	90.875	78.58139
ARLI	19990817	11	88.375	76.23525
ARLI	19990817	12	82.875	71.41911
ARLI	19990817	13	76	65.31371
ARLI	19990817	14	70.125	58.18008
ARLI	19990817	15	62.625	50.6955
ARLI	19990817	16	57.5	43.5922
ARLI	19990817	17	52.5	37.49586
ARLI	19990817	18	-999	32.56123
ARLI	19990817	19	-999	30.36946
ARLI	19990817	20	-999	29.72383
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ARLI	19990817	22	-999	27.8723
ARLI	19990817	23	-999	25.58268
ARLI	19990818	0	-999	23.23963
ARLI	19990818	1	-999	21.91814
ARLI	19990818	2	-999	23.29082
ARLI	19990818	3	28.125	28.68681
ARLI	19990818	4	32.875	35.28397
ARLI	19990818	5	39.875	41.98301
ARLI	19990818	6	49.625	50.14945
ARLI	19990818	7	59.5	59.70446
ARLI	19990818	8	67	69.07967
ARLI	19990818	9	72.25	76.38574
ARLI	19990818	10	74.125	79.889
ARLI	19990818	11	72.5	76.53929
ARLI	19990818	12	66.875	70.0827
ARLI	19990818	13	59.25	62.39306
ARLI	19990818	14	50.875	53.98056
ARLI	19990818	15	43.75	45.63736
ARLI	19990818	16	38.125	38.36373
ARLI	19990818	17	33	32.54913
ARLI	19990818	18	27.75	28.20184
ARLI	19990818	19	24.375	26.98699
ARLI	19990818	20	24.75	27.84145
ARLI	19990818	21	26	29.85592
ARLI	19990818	22	26	31.042
ARLI	19990818	23	23.25	30.0628
ARLI	19990819	0	20.5	28.05514
ARLI	19990819	1	17.875	26.40152
ARLI	19990819	2	18.875	26.63203
ARLI	19990819	3	23.25	29.04069
ARLI	19990819	4	30	33.73395
ARLI	19990819	5	38.125	40.55814
ARLI	19990819	6	50	50.18094
ARLI	19990819	7	64.375	62.21144
ARLI	19990819	8	78.25	73.71783
ARLI	19990819	9	91.5	82.36689

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ARLI	19990819	12	90.625	81.52226
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ARLI	19990819	14	75.75	62.50314
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ARLI	19990819	17	45.5	38.83673
ARLI	19990819	18	40.875	36.54116
ARLI	19990819	19	38.875	37.05125
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ARLI	19990819	22	28.25	46.38146
ARLI	19990819	23	25.125	46.85428
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ARLI	19990820	1	20.25	44.27791
ARLI	19990820	2	21.5	43.22496
ARLI	19990820	3	25.375	42.96447
ARLI	19990820	4	32	44.25161
ARLI	19990820	5	41.875	47.03262
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ARLI	19990820	8	70.75	64.36729
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ARLI	19990820	12	72.125	65.50565
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ARLI	19990820	14	50.75	51.56308
ARLI	19990820	15	39.625	41.93118
ARLI	19990820	16	30	32.43081
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ARLI	19990820	18	12.625	16.81785
ARLI	19990820	19	5.375	12.0875
ARLI	19990820	20	3.75	8.871584
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ARLI	19990820	22	3	8.193626
ARLI	19990820	23	4.75	11.42876
ARLI	19990821	0	9.75	15.59116
ARLI	19990821	1	16.5	21.56996
ARLI	19990821	2	25.125	29.7623
ARLI	19990821	3	35.125	39.55483
ARLI	19990821	4	45.375	50.0368
ARLI	19990821	5	58.25	60.40945
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ARLI	19990821	17	72.5	46.46327
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ARLI	19990822	0	-999	33.89648
ARLI	19990822	1	-999	36.90977
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ARLI	19990822	3	42.25	46.96577
ARLI	19990822	4	46.75	52.55176
ARLI	19990822	5	52.75	58.38454
ARLI	19990822	6	59.75	65.5561
ARLI	19990822	7	67.25	71.62254
ARLI	19990822	8	74.25	76.21262
ARLI	19990822	9	78.75	77.6609
ARLI	19990822	10	80.75	75.73187
ARLI	19990822	11	80.375	71.86827
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ARLI	19990822	13	71.625	63.09024
ARLI	19990822	14	66.25	57.43506
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ARLI	19990822	16	56.125	47.50627
ARLI	19990822	17	50.375	43.42064
ARLI	19990822	18	45.375	40.19903
ARLI	19990822	19	40.375	37.81746
ARLI	19990822	20	36.625	36.07621
ARLI	19990822	21	33.75	34.5824
ARLI	19990822	22	29.25	32.70901
ARLI	19990822	23	23.25	29.63499
ARLI	19990823	0	18.75	26.54038
ARLI	19990823	1	16.125	25.51345
ARLI	19990823	2	14.625	28.25701
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ARLI	19990823	4	16.5	37.66345
ARLI	19990823	5	18.875	42.47327
ARLI	19990823	6	22.625	47.93923
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ARLI	19990823	8	32.25	61.08876
ARLI	19990823	9	36.875	65.28341
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ARLI	19990823	14	38.25	47.33398
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ARLI	19990823	17	30.125	34.5738
ARLI	19990823	18	26.125	32.43632
ARLI	19990823	19	23.375	31.69107
ARLI	19990823	20	22.125	31.39623
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ARLI	19990823	22	15.5	30.17154
ARLI	19990823	23	12.375	27.98187
ARLI	19990824	0	10	25.78397
ARLI	19990824	1	9.625	25.41838
ARLI	19990824	2	11.125	26.71891
ARLI	19990824	3	14.125	29.37525
ARLI	19990824	4	18.5	33.13833
ARLI	19990824	5	26	38.05977
ARLI	19990824	6	35.75	44.35957
ARLI	19990824	7	46.875	51.96002
ARLI	19990824	8	58.875	59.24787
ARLI	19990824	9	68.5	63.68886
ARLI	19990824	10	75.625	64.48701
ARLI	19990824	11	78.625	61.64649
ARLI	19990824	12	79	55.52991
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ARLI	19990824	14	70.125	38.33433
ARLI	19990824	15	62.125	29.11001
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ARLI	19990825	0	-999	1.080056
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ARLI	19990825	2	-999	6.662661
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ARLI	19990825	6	49.875	42.78508
ARLI	19990825	7	63.25	54.17078
ARLI	19990825	8	76.25	64.43794
ARLI	19990825	9	86	71.75045
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ARLI	19990825	11	96.625	78.3291
ARLI	19990825	12	93.5	75.31666
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ARLI	19990825	16	55.5	44.78105
ARLI	19990825	17	47.125	38.31626
ARLI	19990825	18	39.75	32.82022

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ARLI	19990825	20	31.75	24.67872
ARLI	19990825	21	30	22.5388
ARLI	19990825	22	29.375	19.94923
ARLI	19990825	23	27.75	17.11207
ARLI	19990826	0	24.375	14.60731
ARLI	19990826	1	21.5	12.57271
ARLI	19990826	2	19.75	11.91959
ARLI	19990826	3	21.875	14.82908
ARLI	19990826	4	26	20.52294
ARLI	19990826	5	32.5	26.43383
ARLI	19990826	6	42.5	32.48789
ARLI	19990826	7	52.125	38.88168
ARLI	19990826	8	59.25	45.67558
ARLI	19990826	9	65.25	52.51844
ARLI	19990826	10	69.75	57.72894
ARLI	19990826	11	69	56.47361
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ARLI	19990826	13	63.875	45.57565
ARLI	19990826	14	58.625	40.5731
ARLI	19990826	15	53.875	35.75645
ARLI	19990826	16	51	30.41218
ARLI	19990826	17	48.625	24.62779
ARLI	19990826	18	45.875	19.25872
ARLI	19990826	19	43.375	17.05549
ARLI	19990826	20	41.875	16.62908
ARLI	19990826	21	40.125	16.25192
ARLI	19990826	22	37.375	15.478
ARLI	19990826	23	32.375	13.85569
ARLI	19990827	0	27.25	12.24991
ARLI	19990827	1	22.625	10.9083
ARLI	19990827	2	21	10.73121
ARLI	19990827	3	23.75	14.39807
ARLI	19990827	4	28.25	19.59017
ARLI	19990827	5	35.375	24.99161
ARLI	19990827	6	45.125	32.1133
ARLI	19990827	7	57.625	41.46304
ARLI	19990827	8	69.625	50.59433
ARLI	19990827	9	78.75	58.69989
ARLI	19990827	10	83.75	64.73197
ARLI	19990827	11	83.875	65.04063
ARLI	19990827	12	79.625	62.24157
ARLI	19990827	13	75.625	58.78029
ARLI	19990827	14	70.375	54.02015
ARLI	19990827	15	63.25	47.75278
ARLI	19990827	16	55.875	41.47432
ARLI	19990827	17	50.75	35.91176
ARLI	19990827	18	46.5	31.24299
ARLI	19990827	19	44.375	28.30219
ARLI	19990827	20	44.75	26.90221
ARLI	19990827	21	41.875	26.73175

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ARLI	19990828	0	34	27.42591
ARLI	19990828	1	33.125	29.46202
ARLI	19990828	2	34.875	34.61204
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ARLI	19990828	5	43.75	55.12035
ARLI	19990828	6	50.125	61.56558
ARLI	19990828	7	57.875	68.69772
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ARLI	19990828	9	71.375	78.78603
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ARLI	19990828	11	77	73.78919
ARLI	19990828	12	76.875	68.35452
ARLI	19990828	13	73.125	62.14582
ARLI	19990828	14	68.25	55.04946
ARLI	19990828	15	64.375	47.25169
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ARLI	19990828	17	59.5	34.87339
ARLI	19990828	18	-999	30.92217
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ARLI	19990828	20	-999	26.28919
ARLI	19990828	21	-999	24.85461
ARLI	19990828	22	-999	23.62831
ARLI	19990828	23	-999	22.50903
ARLI	19990829	0	-999	22.09738
ARLI	19990829	1	-999	23.79773
ARLI	19990829	2	-999	29.7824
ARLI	19990829	3	59.125	39.09006
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ARLI	19990829	5	68.5	59.9839
ARLI	19990829	6	74.875	70.02389
ARLI	19990829	7	79.625	79.94433
ARLI	19990829	8	84.25	89.04587
ARLI	19990829	9	88.875	95.93622
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ARLI	19990829	11	89.5	93.58986
ARLI	19990829	12	84	86.37529
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ARLI	19990829	15	64.125	60.86194
ARLI	19990829	16	59.625	52.868
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ARLI	19990829	20	45	32.18338
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ARLI	19990829	23	30.5	28.80041
ARLI	19990830	0	24.375	26.35322

ARLI	19990830	1	20.375	25.93031
ARLI	19990830	2	20.875	27.95805
ARLI	19990830	3	25.75	32.77875
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ARLI	19990830	9	95.625	84.34221
ARLI	19990830	10	98.375	86.61478
ARLI	19990830	11	96.25	82.36517
ARLI	19990830	12	91.25	72.73529
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ARLI	19990830	15	65.625	37.39292
ARLI	19990830	16	55.875	26.66526
ARLI	19990830	17	48.25	17.84102
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ARLI	19990830	20	37.5	11.15702
ARLI	19990830	21	34.625	14.61529
ARLI	19990830	22	34.375	18.10118
ARLI	19990830	23	30.625	19.67671
ARLI	19990831	0	29.625	20.70262
ARLI	19990831	1	30.5	22.04403
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ARLI	19990831	3	37.875	33.82593
ARLI	19990831	4	45.75	41.77303
ARLI	19990831	5	54.875	49.22357
ARLI	19990831	6	63.875	57.09824
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ARLI	19990831	10	89.375	85.18916
ARLI	19990831	11	86.125	80.50528
ARLI	19990831	12	79.125	72.12022
ARLI	19990831	13	70.75	63.11889
ARLI	19990831	14	64.375	53.99812
ARLI	19990831	15	57.5	45.33014
ARLI	19990831	16	51.5	37.9008
ARLI	19990831	17	46.5	32.75841
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ARLI	19990901	6	63.75	72.99876
ARLI	19990901	7	70.875	78.29404
ARLI	19990901	8	76	83.04565
ARLI	19990901	9	78.25	83.77982
ARLI	19990901	10	77.125	81.1131
ARLI	19990901	11	73.625	75.76555
ARLI	19990901	12	68.625	68.83756
ARLI	19990901	13	63.625	61.40154
ARLI	19990901	14	58.75	54.16219
ARLI	19990901	15	55.125	47.66446
ARLI	19990901	16	52.375	42.22955
ARLI	19990901	17	-999	0
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ARLI	19990901	19	-999	0
ARLI	19990901	20	-999	0
ARLI	19990901	21	-999	0
ARLI	19990901	22	-999	0
ARLI	19990901	23	-999	0
FWMC	19990813	0	19.375	30.05458
FWMC	19990813	1	18.625	29.37451
FWMC	19990813	2	18.375	30.06408
FWMC	19990813	3	18.625	31.81606
FWMC	19990813	4	19.125	34.36883
FWMC	19990813	5	21.375	37.75525
FWMC	19990813	6	24.875	42.21161
FWMC	19990813	7	30.25	47.85994
FWMC	19990813	8	36.625	53.77979
FWMC	19990813	9	43	58.39607
FWMC	19990813	10	46	60.81583
FWMC	19990813	11	45.75	59.4834
FWMC	19990813	12	44.5	58.55757
FWMC	19990813	13	40.625	56.97474
FWMC	19990813	14	35.25	53.4084
FWMC	19990813	15	32.125	48.35847
FWMC	19990813	16	28.875	41.60758
FWMC	19990813	17	23.375	34.30274
FWMC	19990813	18	21.125	27.74609
FWMC	19990813	19	22.375	24.08084
FWMC	19990813	20	24.125	19.75918
FWMC	19990813	21	27	15.84119
FWMC	19990813	22	29.875	13.33519
FWMC	19990813	23	29	11.69504
FWMC	19990814	0	27.75	12.54568
FWMC	19990814	1	29.75	17.35852
FWMC	19990814	2	33	24.56526
FWMC	19990814	3	37.75	33.8069
FWMC	19990814	4	45	44.03158
FWMC	19990814	5	52.5	54.4818
FWMC	19990814	6	60.625	65.05798

FWMC	19990814	7	70.25	75.54845
FWMC	19990814	8	80.625	84.25977
FWMC	19990814	9	88.125	89.1482
FWMC	19990814	10	92.125	90.87763
FWMC	19990814	11	92.375	88.75125
FWMC	19990814	12	88.75	82.25996
FWMC	19990814	13	83.25	73.25871
FWMC	19990814	14	77.125	62.59274
FWMC	19990814	15	67.375	50.67222
FWMC	19990814	16	55.375	39.07638
FWMC	19990814	17	44.375	28.30957
FWMC	19990814	18	-999	18.71327
FWMC	19990814	19	-999	11.33147
FWMC	19990814	20	-999	7.547348
FWMC	19990814	21	-999	6.53336
FWMC	19990814	22	-999	7.59898
FWMC	19990814	23	-999	10.0423
FWMC	19990815	0	-999	13.50715
FWMC	19990815	1	-999	20.43209
FWMC	19990815	2	-999	30.17796
FWMC	19990815	3	39.375	40.49788
FWMC	19990815	4	46.375	50.7002
FWMC	19990815	5	52.875	60.86465
FWMC	19990815	6	60.5	71.07903
FWMC	19990815	7	69.75	81.36772
FWMC	19990815	8	77.25	90.5272
FWMC	19990815	9	83	95.81268
FWMC	19990815	10	87	97.3489
FWMC	19990815	11	87.5	96.38709
FWMC	19990815	12	84.625	92.82663
FWMC	19990815	13	79.75	87.05463
FWMC	19990815	14	72.875	80.16348
FWMC	19990815	15	65	73.01849
FWMC	19990815	16	57.875	66.21015
FWMC	19990815	17	49.625	59.48416
FWMC	19990815	18	40.375	53.3639
FWMC	19990815	19	33.375	48.86968
FWMC	19990815	20	29	46.32848
FWMC	19990815	21	26	44.75644
FWMC	19990815	22	22.75	42.2776
FWMC	19990815	23	19.25	37.86718
FWMC	19990816	0	17.125	33.29187
FWMC	19990816	1	17.875	31.7194
FWMC	19990816	2	21.125	33.52746
FWMC	19990816	3	25.625	36.79733
FWMC	19990816	4	33.125	40.96138
FWMC	19990816	5	43.75	46.2408
FWMC	19990816	6	56.375	53.69863
FWMC	19990816	7	70.125	63.99527
FWMC	19990816	8	82	74.53425
FWMC	19990816	9	91.875	81.92607

FWMC	19990816	10	99	85.0695
FWMC	19990816	11	100.375	85.20037
FWMC	19990816	12	96.125	81.85871
FWMC	19990816	13	87.875	75.25621
FWMC	19990816	14	76.625	66.36328
FWMC	19990816	15	63	57.08156
FWMC	19990816	16	48.875	48.49856
FWMC	19990816	17	36.125	40.91047
FWMC	19990816	18	25.125	34.58837
FWMC	19990816	19	17.375	29.61093
FWMC	19990816	20	11.625	27.14381
FWMC	19990816	21	7.25	26.84194
FWMC	19990816	22	5.375	27.09692
FWMC	19990816	23	4.75	25.72577
FWMC	19990817	0	5.5	23.63969
FWMC	19990817	1	10.5	22.82768
FWMC	19990817	2	19.25	25.69839
FWMC	19990817	3	30.75	30.6342
FWMC	19990817	4	44.125	36.78177
FWMC	19990817	5	57.375	44.09515
FWMC	19990817	6	70.375	52.68216
FWMC	19990817	7	83.375	62.51312
FWMC	19990817	8	94	71.93923
FWMC	19990817	9	97.25	78.77377
FWMC	19990817	10	96.125	80.8478
FWMC	19990817	11	92.375	79.89526
FWMC	19990817	12	84.625	75.20501
FWMC	19990817	13	73.5	67.98168
FWMC	19990817	14	62.75	59.61263
FWMC	19990817	15	51.5	51.20144
FWMC	19990817	16	43.25	43.7823
FWMC	19990817	17	37.875	37.92794
FWMC	19990817	18	-999	33.46214
FWMC	19990817	19	-999	30.18288
FWMC	19990817	20	-999	29.6779
FWMC	19990817	21	-999	30.80395
FWMC	19990817	22	-999	32.02412
FWMC	19990817	23	-999	32.00926
FWMC	19990818	0	-999	30.77183
FWMC	19990818	1	-999	30.42968
FWMC	19990818	2	-999	32.62368
FWMC	19990818	3	30.125	37.26893
FWMC	19990818	4	33.75	43.84065
FWMC	19990818	5	39.75	51.21817
FWMC	19990818	6	50.125	59.27409
FWMC	19990818	7	60.5	68.60516
FWMC	19990818	8	69.25	78.30854
FWMC	19990818	9	75.25	85.7334
FWMC	19990818	10	77.375	89.08337
FWMC	19990818	11	76.125	88.48598
FWMC	19990818	12	71.125	82.42837

FWMC	19990818	13	62.875	73.61348
FWMC	19990818	14	53.125	64.38265
FWMC	19990818	15	45.125	55.57074
FWMC	19990818	16	38.875	47.86002
FWMC	19990818	17	32.75	41.70544
FWMC	19990818	18	28	37.20367
FWMC	19990818	19	25.5	34.16706
FWMC	19990818	20	25.875	34.49998
FWMC	19990818	21	27.625	36.56016
FWMC	19990818	22	29.125	38.06894
FWMC	19990818	23	27.625	37.46343
FWMC	19990819	0	25.125	35.67639
FWMC	19990819	1	25.875	35.53171
FWMC	19990819	2	27.375	37.99218
FWMC	19990819	3	30.375	41.89949
FWMC	19990819	4	35.875	46.78747
FWMC	19990819	5	42.75	52.89117
FWMC	19990819	6	51.125	60.55622
FWMC	19990819	7	60.625	70.05913
FWMC	19990819	8	69.75	79.47952
FWMC	19990819	9	74.375	85.40791
FWMC	19990819	10	77	86.94327
FWMC	19990819	11	76	85.24126
FWMC	19990819	12	72.25	80.11806
FWMC	19990819	13	65.375	75.0529
FWMC	19990819	14	58.875	69.44126
FWMC	19990819	15	50.875	63.47317
FWMC	19990819	16	43.75	57.68284
FWMC	19990819	17	37.625	53.08797
FWMC	19990819	18	32.25	50.31583
FWMC	19990819	19	28.625	49.40886
FWMC	19990819	20	24	51.01551
FWMC	19990819	21	21.75	51.39549
FWMC	19990819	22	18.125	50.85717
FWMC	19990819	23	16.75	48.4159
FWMC	19990820	0	15.375	46.00674
FWMC	19990820	1	16.375	44.8327
FWMC	19990820	2	19	44.4464
FWMC	19990820	3	22.75	45.33567
FWMC	19990820	4	31.25	47.33345
FWMC	19990820	5	41.75	50.12169
FWMC	19990820	6	52.75	54.04884
FWMC	19990820	7	63.125	60.20614
FWMC	19990820	8	71.25	66.11981
FWMC	19990820	9	76.75	70.03874
FWMC	19990820	10	81.125	71.78704
FWMC	19990820	11	83.25	70.87804
FWMC	19990820	12	78.125	66.98312
FWMC	19990820	13	69.75	61.4226
FWMC	19990820	14	61.375	54.49387
FWMC	19990820	15	53.875	46.27587

FWMC	19990820	16	46.875	37.64537
FWMC	19990820	17	38.5	29.54864
FWMC	19990820	18	28.5	22.54043
FWMC	19990820	19	19.625	16.89988
FWMC	19990820	20	15.125	13.39018
FWMC	19990820	21	12.5	11.28647
FWMC	19990820	22	9.5	10.42939
FWMC	19990820	23	5.75	11.07753
FWMC	19990821	0	3.375	13.17037
FWMC	19990821	1	5.25	17.52938
FWMC	19990821	2	12.5	24.53245
FWMC	19990821	3	22.5	33.67541
FWMC	19990821	4	33.75	43.7386
FWMC	19990821	5	45.75	54.21598
FWMC	19990821	6	59	64.70568
FWMC	19990821	7	71.75	74.76955
FWMC	19990821	8	84.75	83.63138
FWMC	19990821	9	93.25	88.89619
FWMC	19990821	10	95.375	90.0519
FWMC	19990821	11	95.375	87.911
FWMC	19990821	12	92	83.0465
FWMC	19990821	13	85.125	76.0719
FWMC	19990821	14	74.5	68.19037
FWMC	19990821	15	64.125	59.8308
FWMC	19990821	16	54.25	51.54049
FWMC	19990821	17	46.875	44.82099
FWMC	19990821	18	-999	40.09919
FWMC	19990821	19	-999	36.44383
FWMC	19990821	20	-999	34.11374
FWMC	19990821	21	-999	32.96824
FWMC	19990821	22	-999	32.28225
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FWMC	19990822	0	-999	34.05281
FWMC	19990822	1	-999	37.58569
FWMC	19990822	2	-999	42.51364
FWMC	19990822	3	33.75	48.11255
FWMC	19990822	4	39.125	54.31431
FWMC	19990822	5	45.625	59.94137
FWMC	19990822	6	53	65.78922
FWMC	19990822	7	60.375	72.46072
FWMC	19990822	8	66.625	78.38102
FWMC	19990822	9	70.875	80.83776
FWMC	19990822	10	72.375	80.0444
FWMC	19990822	11	71.5	77.38551
FWMC	19990822	12	68.875	72.95687
FWMC	19990822	13	63.375	68.28883
FWMC	19990822	14	56.375	63.32613
FWMC	19990822	15	48.75	57.30188
FWMC	19990822	16	42.875	51.5733
FWMC	19990822	17	38.125	46.54436
FWMC	19990822	18	33.375	42.21189

FWMC	19990822	19	29	38.77841
FWMC	19990822	20	25.625	36.68188
FWMC	19990822	21	24	35.68061
FWMC	19990822	22	23	34.72064
FWMC	19990822	23	22.25	32.37291
FWMC	19990823	0	20.5	29.78719
FWMC	19990823	1	18.5	29.76392
FWMC	19990823	2	17.375	32.84987
FWMC	19990823	3	17.375	37.07728
FWMC	19990823	4	18.125	41.43461
FWMC	19990823	5	20	45.98433
FWMC	19990823	6	23.375	51.05593
FWMC	19990823	7	27.5	57.42736
FWMC	19990823	8	31.5	63.75439
FWMC	19990823	9	34.25	67.33845
FWMC	19990823	10	36.625	67.02842
FWMC	19990823	11	37.375	64.62759
FWMC	19990823	12	37	61.23599
FWMC	19990823	13	35.5	57.06916
FWMC	19990823	14	34.25	52.36691
FWMC	19990823	15	32.5	47.65513
FWMC	19990823	16	30.625	43.21055
FWMC	19990823	17	28.625	39.39543
FWMC	19990823	18	25.875	36.64688
FWMC	19990823	19	23.875	34.8345
FWMC	19990823	20	22	33.73806
FWMC	19990823	21	20.5	32.94648
FWMC	19990823	22	17.375	31.89028
FWMC	19990823	23	14.375	29.61805
FWMC	19990824	0	12.25	27.49268
FWMC	19990824	1	11.875	27.15054
FWMC	19990824	2	13.375	28.10645
FWMC	19990824	3	15.375	30.19586
FWMC	19990824	4	18.625	33.28916
FWMC	19990824	5	23.25	37.46906
FWMC	19990824	6	29.75	43.07729
FWMC	19990824	7	37.75	50.33092
FWMC	19990824	8	46.125	57.10782
FWMC	19990824	9	52.5	61.17477
FWMC	19990824	10	56.125	62.64529
FWMC	19990824	11	58.375	61.64708
FWMC	19990824	12	57.75	57.9278
FWMC	19990824	13	54.5	51.22879
FWMC	19990824	14	52.25	42.79432
FWMC	19990824	15	48.75	33.66808
FWMC	19990824	16	43.5	25.07089
FWMC	19990824	17	36.625	17.18963
FWMC	19990824	18	-999	10.51216
FWMC	19990824	19	-999	5.581047
FWMC	19990824	20	-999	3.037392
FWMC	19990824	21	-999	2.764986

FWMC	19990824	22	-999	2.843488
FWMC	19990824	23	-999	3.344699
FWMC	19990825	0	-999	4.095877
FWMC	19990825	1	-999	6.130353
FWMC	19990825	2	-999	9.083963
FWMC	19990825	3	16.5	13.66569
FWMC	19990825	4	23.75	21.29923
FWMC	19990825	5	34.125	29.98317
FWMC	19990825	6	46.75	40.05075
FWMC	19990825	7	61.125	50.8837
FWMC	19990825	8	75.75	61.59415
FWMC	19990825	9	88.75	70.42681
FWMC	19990825	10	97.125	77.82914
FWMC	19990825	11	-999	80.44674
FWMC	19990825	12	-999	76.67053
FWMC	19990825	13	-999	70.3876
FWMC	19990825	14	-999	63.07927
FWMC	19990825	15	-999	55.65697
FWMC	19990825	16	-999	49.00327
FWMC	19990825	17	-999	43.30521
FWMC	19990825	18	-999	38.15094
FWMC	19990825	19	-999	35.822
FWMC	19990825	20	-999	36.06501
FWMC	19990825	21	23.125	37.09288
FWMC	19990825	22	24.125	37.1281
FWMC	19990825	23	25.25	34.20562
FWMC	19990826	0	26.375	29.62491
FWMC	19990826	1	27.75	25.36301
FWMC	19990826	2	29.125	22.46782
FWMC	19990826	3	31.75	21.34017
FWMC	19990826	4	35.375	22.02064
FWMC	19990826	5	40.375	23.74395
FWMC	19990826	6	47.375	26.69893
FWMC	19990826	7	55	31.72905
FWMC	19990826	8	60.375	37.87733
FWMC	19990826	9	63.875	43.76273
FWMC	19990826	10	65.625	48.20023
FWMC	19990826	11	64.75	49.46052
FWMC	19990826	12	61.375	46.72682
FWMC	19990826	13	57.5	42.17941
FWMC	19990826	14	54.125	37.15495
FWMC	19990826	15	51.375	32.1049
FWMC	19990826	16	49.75	26.70872
FWMC	19990826	17	48.625	21.27448
FWMC	19990826	18	47	15.9499
FWMC	19990826	19	45.5	12.04557
FWMC	19990826	20	45.5	10.83281
FWMC	19990826	21	44.375	11.16293
FWMC	19990826	22	41.375	12.3916
FWMC	19990826	23	36.375	13.50054
FWMC	19990827	0	31.125	13.85109

FWMC	19990827	1	26.875	14.28143
FWMC	19990827	2	24.25	16.04987
FWMC	19990827	3	25.125	20.09277
FWMC	19990827	4	29.875	27.19389
FWMC	19990827	5	37.25	35.31345
FWMC	19990827	6	47	43.57503
FWMC	19990827	7	58	52.01004
FWMC	19990827	8	65.375	60.62644
FWMC	19990827	9	72.125	68.13895
FWMC	19990827	10	76	72.95168
FWMC	19990827	11	75.625	73.93483
FWMC	19990827	12	68.75	69.97813
FWMC	19990827	13	60.375	63.86104
FWMC	19990827	14	53	56.66682
FWMC	19990827	15	46.375	49.12492
FWMC	19990827	16	43.375	41.63056
FWMC	19990827	17	40.125	34.91063
FWMC	19990827	18	38.625	29.85427
FWMC	19990827	19	38.375	26.3547
FWMC	19990827	20	40.5	24.38763
FWMC	19990827	21	42.25	23.55774
FWMC	19990827	22	40.25	23.5467
FWMC	19990827	23	36.625	23.37867
FWMC	19990828	0	33.625	23.16056
FWMC	19990828	1	32	24.18593
FWMC	19990828	2	32.375	28.54526
FWMC	19990828	3	34.5	35.32031
FWMC	19990828	4	38.125	42.67757
FWMC	19990828	5	43.375	49.85233
FWMC	19990828	6	50.875	56.72153
FWMC	19990828	7	58.5	64.05679
FWMC	19990828	8	66	71.30784
FWMC	19990828	9	72.625	76.42143
FWMC	19990828	10	77	76.59743
FWMC	19990828	11	78.625	72.9673
FWMC	19990828	12	76.875	67.86289
FWMC	19990828	13	70.625	61.77817
FWMC	19990828	14	61.875	54.77296
FWMC	19990828	15	54.25	47.63603
FWMC	19990828	16	49.375	41.2086
FWMC	19990828	17	43.25	36.26444
FWMC	19990828	18	-999	33.11674
FWMC	19990828	19	-999	31.48945
FWMC	19990828	20	-999	30.82273
FWMC	19990828	21	-999	30.94296
FWMC	19990828	22	-999	31.54548
FWMC	19990828	23	-999	31.38401
FWMC	19990829	0	-999	30.6769
FWMC	19990829	1	-999	30.92703
FWMC	19990829	2	-999	33.97155
FWMC	19990829	3	43.25	40.44786

FWMC	19990829	4	48	48.68496
FWMC	19990829	5	54.625	56.4203
FWMC	19990829	6	63.125	63.45074
FWMC	19990829	7	71.875	70.32273
FWMC	19990829	8	78.75	76.90398
FWMC	19990829	9	84.25	81.63882
FWMC	19990829	10	88	82.09506
FWMC	19990829	11	88	78.36187
FWMC	19990829	12	83.875	71.82259
FWMC	19990829	13	77.375	65.43049
FWMC	19990829	14	68.25	59.54021
FWMC	19990829	15	59	54.08231
FWMC	19990829	16	51.625	48.59429
FWMC	19990829	17	42.75	42.84586
FWMC	19990829	18	34.25	37.90486
FWMC	19990829	19	27.125	33.69706
FWMC	19990829	20	22.75	30.60403
FWMC	19990829	21	18.625	27.8028
FWMC	19990829	22	16.5	24.69247
FWMC	19990829	23	13.625	21.0549
FWMC	19990830	0	9.375	17.8386
FWMC	19990830	1	8.5	15.28176
FWMC	19990830	2	9.625	15.24547
FWMC	19990830	3	14.25	18.48533
FWMC	19990830	4	23.375	25.93292
FWMC	19990830	5	36.125	36.01374
FWMC	19990830	6	49.5	48.03241
FWMC	19990830	7	62.625	61.62745
FWMC	19990830	8	75.5	74.96786
FWMC	19990830	9	85.875	86.744
FWMC	19990830	10	92.125	93.79935
FWMC	19990830	11	93.5	95.25716
FWMC	19990830	12	88.5	88.73017
FWMC	19990830	13	77.125	76.87586
FWMC	19990830	14	64.125	62.9591
FWMC	19990830	15	51.5	48.74637
FWMC	19990830	16	39	34.94962
FWMC	19990830	17	26.75	22.61448
FWMC	19990830	18	16.75	12.89094
FWMC	19990830	19	8.5	5.997755
FWMC	19990830	20	3	3.680771
FWMC	19990830	21	1.5	5.123219
FWMC	19990830	22	1.125	7.520597
FWMC	19990830	23	-999	8.524461
FWMC	19990831	0	-999	9.700685
FWMC	19990831	1	-999	11.7646
FWMC	19990831	2	-999	17.35078
FWMC	19990831	3	-999	26.29934
FWMC	19990831	4	-999	36.55882
FWMC	19990831	5	-999	47.10835
FWMC	19990831	6	-999	57.87727

FWMC	19990831	7	65.5	69.46737
FWMC	19990831	8	76.375	79.89848
FWMC	19990831	9	85.25	88.17876
FWMC	19990831	10	90	91.012
FWMC	19990831	11	89.625	87.72836
FWMC	19990831	12	84.5	79.56028
FWMC	19990831	13	76.5	68.63773
FWMC	19990831	14	67.125	56.75354
FWMC	19990831	15	57.875	45.12682
FWMC	19990831	16	48	34.97789
FWMC	19990831	17	40.625	27.11967
FWMC	19990831	18	-999	22.51671
FWMC	19990831	19	-999	21.74531
FWMC	19990831	20	-999	25.17836
FWMC	19990831	21	-999	31.0636
FWMC	19990831	22	-999	37.37376
FWMC	19990831	23	-999	42.05462
FWMC	19990901	0	-999	45.42244
FWMC	19990901	1	-999	49.67788
FWMC	19990901	2	-999	54.58305
FWMC	19990901	3	-999	59.64661
FWMC	19990901	4	-999	63.88073
FWMC	19990901	5	-999	67.53219
FWMC	19990901	6	-999	71.8614
FWMC	19990901	7	-999	77.95055
FWMC	19990901	8	-999	83.97804
FWMC	19990901	9	-999	86.56001
FWMC	19990901	10	-999	85.0486
FWMC	19990901	11	72.125	80.30054
FWMC	19990901	12	68.25	73.66006
FWMC	19990901	13	63.125	66.19826
FWMC	19990901	14	57	58.2453
FWMC	19990901	15	51.375	50.37
FWMC	19990901	16	46.625	43.37796
FWMC	19990901	17	-999	0
FWMC	19990901	18	-999	0
FWMC	19990901	19	-999	0
FWMC	19990901	20	-999	0
FWMC	19990901	21	-999	0
FWMC	19990901	22	-999	0
FWMC	19990901	23	-999	0
KELC	19990813	0	17.125	26.90352
KELC	19990813	1	16.25	25.76699
KELC	19990813	2	16.375	26.24746
KELC	19990813	3	17.25	28.28969
KELC	19990813	4	18.375	31.58809
KELC	19990813	5	20.375	35.87582
KELC	19990813	6	24.625	41.37465
KELC	19990813	7	31.125	48.24853
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KELC	19990814	15	66.625	51.77569
KELC	19990814	16	57.875	41.0752
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KELC	19990822	21	30.5	30.79262
KELC	19990822	22	27.125	29.361
KELC	19990822	23	23.125	26.66488
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KELC	19990823	1	18	21.84609
KELC	19990823	2	16.375	24.18778
KELC	19990823	3	16.375	28.9037
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KELC	19990823	5	20.875	40.82092
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KELC	19990824	5	24.875	34.93307
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KELC	19990824	22	-999	14.17877
KELC	19990824	23	-999	15.15965
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KELC	19990825	2	-999	22.31689
KELC	19990825	3	34.375	26.25732
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KELC	19990825	5	47	39.6517
KELC	19990825	6	54.75	48.51022
KELC	19990825	7	67	59.39936
KELC	19990825	8	78.375	70.4036
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KELC	19990825	11	102.625	82.28057
KELC	19990825	12	104.5	75.83922
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KELC	19990826	1	23	13.2749
KELC	19990826	2	24.625	11.09826
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KELC	19990826	14	60.125	38.46806
KELC	19990826	15	54	31.07561
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KELC	19990827	2	26.5	7.15944
KELC	19990827	3	30.125	13.85381
KELC	19990827	4	35.25	24.01226
KELC	19990827	5	43.125	35.82745
KELC	19990827	6	51.875	48.023
KELC	19990827	7	58.5	59.59687
KELC	19990827	8	64.375	69.57833
KELC	19990827	9	71.125	77.63197
KELC	19990827	10	73	82.28358
KELC	19990827	11	72.375	82.10165
KELC	19990827	12	68.625	76.71123
KELC	19990827	13	61.375	68.40343
KELC	19990827	14	55.5	59.34649
KELC	19990827	15	52.5	50.19542
KELC	19990827	16	50.625	41.94325
KELC	19990827	17	47	35.06931
KELC	19990827	18	46.25	29.44531
KELC	19990827	19	44.375	25.04731
KELC	19990827	20	44.375	22.63876
KELC	19990827	21	44.5	22.28076
KELC	19990827	22	41.5	22.82781
KELC	19990827	23	37.75	23.01965
KELC	19990828	0	34.875	22.7795
KELC	19990828	1	34.5	23.22238
KELC	19990828	2	34.875	26.84359
KELC	19990828	3	36.875	34.2719
KELC	19990828	4	40.625	43.16748
KELC	19990828	5	47.125	51.60111
KELC	19990828	6	55.125	60.58333

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KELC	19990828	8	73.5	81.68383
KELC	19990828	9	80.75	90.43951
KELC	19990828	10	86.5	93.63351
KELC	19990828	11	89.5	90.26484
KELC	19990828	12	88.75	83.47109
KELC	19990828	13	84.625	74.84823
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KELC	19990828	15	73.375	52.15752
KELC	19990828	16	68.375	40.21391
KELC	19990828	17	64.625	29.68982
KELC	19990828	18	-999	21.86825
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KELC	19990828	20	-999	14.06504
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KELC	19990828	22	-999	12.29689
KELC	19990828	23	-999	12.39648
KELC	19990829	0	-999	13.62936
KELC	19990829	1	-999	16.89007
KELC	19990829	2	-999	24.07036
KELC	19990829	3	54	35.80025
KELC	19990829	4	58.375	49.75666
KELC	19990829	5	65	62.70559
KELC	19990829	6	71.25	74.64263
KELC	19990829	7	76.5	85.55154
KELC	19990829	8	80.75	94.699
KELC	19990829	9	84.875	100.6272
KELC	19990829	10	87	101.8977
KELC	19990829	11	86.625	97.04903
KELC	19990829	12	83.875	87.73884
KELC	19990829	13	78.625	77.43565
KELC	19990829	14	72.25	66.89887
KELC	19990829	15	65.875	57.07135
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KELC	19990829	20	44.125	23.43039
KELC	19990829	21	43.5	22.05716
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KELC	19990829	23	38.25	20.11531
KELC	19990830	0	34.125	18.41978
KELC	19990830	1	30.5	17.04411
KELC	19990830	2	30	18.59323
KELC	19990830	3	32.5	23.50669
KELC	19990830	4	38.875	31.41876
KELC	19990830	5	45.875	41.65541
KELC	19990830	6	55.125	53.65776
KELC	19990830	7	66.75	67.40463
KELC	19990830	8	78.375	80.49064
KELC	19990830	9	87.5	91.49044

KELC	19990830	10	91.625	97.33996
KELC	19990830	11	91.5	96.83231
KELC	19990830	12	87.625	90.14635
KELC	19990830	13	80.5	78.91599
KELC	19990830	14	73.25	65.19328
KELC	19990830	15	65.5	50.95334
KELC	19990830	16	56.375	37.67628
KELC	19990830	17	48.25	26.57174
KELC	19990830	18	41.25	18.212
KELC	19990830	19	34.75	13.41437
KELC	19990830	20	29.25	12.39384
KELC	19990830	21	26	14.14771
KELC	19990830	22	23.125	16.93826
KELC	19990830	23	21.25	18.4228
KELC	19990831	0	21.125	19.56445
KELC	19990831	1	22.25	21.11931
KELC	19990831	2	26.5	25.44863
KELC	19990831	3	33.875	32.83121
KELC	19990831	4	43.375	41.55735
KELC	19990831	5	53.5	50.56625
KELC	19990831	6	64	59.88422
KELC	19990831	7	74.875	70.70227
KELC	19990831	8	84.375	80.98543
KELC	19990831	9	91.5	89.07774
KELC	19990831	10	95.125	92.07361
KELC	19990831	11	94	88.42001
KELC	19990831	12	88.75	80.36556
KELC	19990831	13	81.25	70.14192
KELC	19990831	14	73.75	59.02929
KELC	19990831	15	64.625	47.97543
KELC	19990831	16	55.25	38.09859
KELC	19990831	17	47.625	30.27972
KELC	19990831	18	-999	25.29549
KELC	19990831	19	-999	24.44728
KELC	19990831	20	-999	26.96238
KELC	19990831	21	-999	31.46049
KELC	19990831	22	-999	36.50438
KELC	19990831	23	-999	40.07859
KELC	19990901	0	-999	42.5696
KELC	19990901	1	-999	46.36765
KELC	19990901	2	-999	50.61252
KELC	19990901	3	46.875	55.53073
KELC	19990901	4	51.625	60.74867
KELC	19990901	5	57.125	65.98394
KELC	19990901	6	64.25	71.82271
KELC	19990901	7	71.875	78.98267
KELC	19990901	8	78.375	85.58136
KELC	19990901	9	82.75	88.5277
KELC	19990901	10	84.5	87.87145
KELC	19990901	11	81.75	83.65549
KELC	19990901	12	77.375	76.89642

KELC	19990901	13	72.125	68.85688
KELC	19990901	14	65.875	60.15423
KELC	19990901	15	59.875	51.63332
KELC	19990901	16	54.625	44.32751
KELC	19990901	17	-999	0
KELC	19990901	18	-999	0
KELC	19990901	19	-999	0
KELC	19990901	20	-999	0
KELC	19990901	21	-999	0
KELC	19990901	22	-999	0
KELC	19990901	23	-999	0

Observed 8-Hour Daily Max Ozone

DATE	FRIC	DHIC	DALN	REDB	DENT	COLN	MDLT	ARLI	FWMC	KELC	Obs Max
8/13/1999	67.375	47	58.125	40	57.375	61.75	52.375	39.5	46	55.875	67.375
8/14/1999	78.25	94.125	80.75	88	82.125	77.375	96.25	103.375	92.375	86.125	103.375
8/15/1999	76.75	86.5	86.5	71	93	81.625	82.375	85	87.5	97.875	97.875
8/16/1999	83.625	87.25	89.25	73.625	100	89.75	85.375	90	100.375	107.625	107.625
8/17/1999	126.25	96.75	111.25	82.125	126.375	122.625	86.375	92.375	97.25	100.75	126.375
8/18/1999	116	83.125	99	67.25	101.25	113.125	70.25	74.125	77.375	90	116
8/19/1999	76.625	46.625	73	87.875	74.25	75.5	108.375	96.375	77	69	108.375
8/20/1999	66.25	78.25	70.125	81.5	71.375	69.125	98	78.5	83.25	75.875	98
8/21/1999	78.625	88.25	85.5	84.375	83.5	79.5	95.5	98.375	95.375	94.5	98.375
8/22/1999	88.375	78.75	84	71.125	89.5	89.875	80.75	80.75	72.375	81.25	89.875
8/23/1999	49.125	36.75	44.5	35.375	59.5	47.75	49.25	41.375	37.375	45.375	59.5
8/24/1999	64	71.75	67.75	73.125	59.125	64.25	64.125	79	58.375	53.25	79
8/25/1999	85.375	85.75	91.625	79.125	110	94.25	77.5	96.625	97.125	104.5	110
8/26/1999	84.375	78.125	92.125	64.25	78	86	72.75	69.75	65.625	70.25	92.125
8/27/1999	57.75	75.125	70.75	74	56.875	63.125	87.25	83.875	76	73	87.25
8/28/1999	82	79.875	87.25	66.25	93.25	86.25	72.25	77	78.625	89.5	93.25
8/29/1999	81.375	87	85.5	77.875	83.25	83.125	85.125	91	88	87	91
8/30/1999	80.375	88.625	85.875	84.5	83.625	83.5	94.625	98.375	93.5	91.625	98.375
8/31/1999	79.5	81.125	78.75	77	85.25	82.5	91.625	89.375	90	95.125	95.125
9/1/1999	74.625	57.875	79.125	65.625	82.875	79	80.875	78.25	72.125	84.5	84.5
Exc Count	5	8	10	4	8	7	10	10	9	12	17

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3
ARLI	19990813	0	18	31.12678
ARLI	19990813	1	16.625	30.19578
ARLI	19990813	2	16.125	30.78555
ARLI	19990813	3	16.875	32.89208
ARLI	19990813	4	18.25	36.30435
ARLI	19990813	5	20.625	40.60964
ARLI	19990813	6	24.5	45.95037
ARLI	19990813	7	30.125	52.24542
ARLI	19990813	8	36.125	58.78343
ARLI	19990813	9	38.625	63.94729
ARLI	19990813	10	39.5	64.264
ARLI	19990813	11	38.5	60.39341
ARLI	19990813	12	35.5	55.01325
ARLI	19990813	13	31	48.35334
ARLI	19990813	14	25.875	39.47981
ARLI	19990813	15	22.125	30.00573
ARLI	19990813	16	18.5	20.67213
ARLI	19990813	17	16.625	11.94014
ARLI	19990813	18	14.75	6.693422
ARLI	19990813	19	13.25	4.183603
ARLI	19990813	20	13.875	1.942732
ARLI	19990813	21	16.625	0.321171
ARLI	19990813	22	18.875	0.516475
ARLI	19990813	23	18.75	1.541397
ARLI	19990814	0	18.625	3.959781
ARLI	19990814	1	20.75	8.825027
ARLI	19990814	2	25.875	16.47401
ARLI	19990814	3	33.625	26.9378
ARLI	19990814	4	43.5	39.17051
ARLI	19990814	5	54	51.80603
ARLI	19990814	6	65.5	64.0108
ARLI	19990814	7	77.625	75.04358
ARLI	19990814	8	88.875	83.97478
ARLI	19990814	9	97.875	89.69013
ARLI	19990814	10	102.75	91.23257
ARLI	19990814	11	103.375	86.53457
ARLI	19990814	12	98.25	78.55527
ARLI	19990814	13	89.25	69.10251
ARLI	19990814	14	79.125	58.32644
ARLI	19990814	15	69.875	46.91017
ARLI	19990814	16	60.75	35.87228
ARLI	19990814	17	53.875	26.22796
ARLI	19990814	18		
ARLI	19990814	19		
ARLI	19990814	20		
ARLI	19990814	21		

ARLI	19990814	22		
ARLI	19990814	23		
ARLI	19990815	0		
ARLI	19990815	1		
ARLI	19990815	2		
ARLI	19990815	3	47.125	46.29064
ARLI	19990815	4	49.25	53.49085
ARLI	19990815	5	53.125	60.76008
ARLI	19990815	6	59.125	68.85239
ARLI	19990815	7	65.625	77.77191
ARLI	19990815	8	72.25	85.76724
ARLI	19990815	9	77.625	90.57484
ARLI	19990815	10	82	91.95551
ARLI	19990815	11	85	89.74259
ARLI	19990815	12	84.25	85.27441
ARLI	19990815	13	79	80.3568
ARLI	19990815	14	72.5	74.75386
ARLI	19990815	15	66.375	68.55223
ARLI	19990815	16	60	62.77321
ARLI	19990815	17	54.375	57.19699
ARLI	19990815	18	49	52.859
ARLI	19990815	19	43.625	50.94364
ARLI	19990815	20	40.5	50.25171
ARLI	19990815	21	39.125	48.93063
ARLI	19990815	22	36.125	45.95795
ARLI	19990815	23	31.875	41.07512
ARLI	19990816	0	29.25	35.81993
ARLI	19990816	1	29.125	33.67503
ARLI	19990816	2	31.75	34.66264
ARLI	19990816	3	36.25	37.69077
ARLI	19990816	4	41.875	42.07311
ARLI	19990816	5	49.5	47.66835
ARLI	19990816	6	60.5	55.6685
ARLI	19990816	7	73.375	66.32312
ARLI	19990816	8	83.375	77.07503
ARLI	19990816	9	88.25	84.44811
ARLI	19990816	10	90	87.0089
ARLI	19990816	11	89.25	84.67771
ARLI	19990816	12	86.25	79.42272
ARLI	19990816	13	79.75	72.79394
ARLI	19990816	14	71.625	65.10878
ARLI	19990816	15	63.5	57.18932
ARLI	19990816	16	56.25	49.81062
ARLI	19990816	17	51.75	43.41777
ARLI	19990816	18	47.25	38.52403
ARLI	19990816	19	43.375	36.2707
ARLI	19990816	20	41.125	35.42549
ARLI	19990816	21	41.5	34.45213
ARLI	19990816	22	40.625	32.34613
ARLI	19990816	23	36.125	28.86498
ARLI	19990817	0	33.375	25.2269

ARLI	19990817	1	34.75	23.70673
ARLI	19990817	2	40.5	25.80715
ARLI	19990817	3	47	30.17495
ARLI	19990817	4	53.25	35.71015
ARLI	19990817	5	60.5	42.41145
ARLI	19990817	6	68.625	50.78109
ARLI	19990817	7	79.5	60.37859
ARLI	19990817	8	88.625	69.67786
ARLI	19990817	9	92.375	76.28445
ARLI	19990817	10	90.875	78.58139
ARLI	19990817	11	88.375	76.23525
ARLI	19990817	12	82.875	71.41911
ARLI	19990817	13	76	65.31371
ARLI	19990817	14	70.125	58.18008
ARLI	19990817	15	62.625	50.6955
ARLI	19990817	16	57.5	43.5922
ARLI	19990817	17	52.5	37.49586
ARLI	19990817	18		
ARLI	19990817	19		
ARLI	19990817	20		
ARLI	19990817	21		
ARLI	19990817	22		
ARLI	19990817	23		
ARLI	19990818	0		
ARLI	19990818	1		
ARLI	19990818	2		
ARLI	19990818	3	28.125	28.68681
ARLI	19990818	4	32.875	35.28397
ARLI	19990818	5	39.875	41.98301
ARLI	19990818	6	49.625	50.14945
ARLI	19990818	7	59.5	59.70446
ARLI	19990818	8	67	69.07967
ARLI	19990818	9	72.25	76.38574
ARLI	19990818	10	74.125	79.889
ARLI	19990818	11	72.5	76.53929
ARLI	19990818	12	66.875	70.0827
ARLI	19990818	13	59.25	62.39306
ARLI	19990818	14	50.875	53.98056
ARLI	19990818	15	43.75	45.63736
ARLI	19990818	16	38.125	38.36373
ARLI	19990818	17	33	32.54913
ARLI	19990818	18	27.75	28.20184
ARLI	19990818	19	24.375	26.98699
ARLI	19990818	20	24.75	27.84145
ARLI	19990818	21	26	29.85592
ARLI	19990818	22	26	31.042
ARLI	19990818	23	23.25	30.0628
ARLI	19990819	0	20.5	28.05514
ARLI	19990819	1	17.875	26.40152
ARLI	19990819	2	18.875	26.63203
ARLI	19990819	3	23.25	29.04069

ARLI	19990819	4	30	33.73395
ARLI	19990819	5	38.125	40.55814
ARLI	19990819	6	50	50.18094
ARLI	19990819	7	64.375	62.21144
ARLI	19990819	8	78.25	73.71783
ARLI	19990819	9	91.5	82.36689
ARLI	19990819	10	96.375	86.49094
ARLI	19990819	11	94.625	85.83846
ARLI	19990819	12	90.625	81.52226
ARLI	19990819	13	84	73.33563
ARLI	19990819	14	75.75	62.50314
ARLI	19990819	15	65	52.56428
ARLI	19990819	16	55.125	44.17344
ARLI	19990819	17	45.5	38.83673
ARLI	19990819	18	40.875	36.54116
ARLI	19990819	19	38.875	37.05125
ARLI	19990819	20	35.5	38.92453
ARLI	19990819	21	32.375	42.46198
ARLI	19990819	22	28.25	46.38146
ARLI	19990819	23	25.125	46.85428
ARLI	19990820	0	22.125	45.82275
ARLI	19990820	1	20.25	44.27791
ARLI	19990820	2	21.5	43.22496
ARLI	19990820	3	25.375	42.96447
ARLI	19990820	4	32	44.25161
ARLI	19990820	5	41.875	47.03262
ARLI	19990820	6	52.375	51.41291
ARLI	19990820	7	63	57.93189
ARLI	19990820	8	70.75	64.36729
ARLI	19990820	9	76.625	68.94768
ARLI	19990820	10	78.5	70.88514
ARLI	19990820	11	77.625	69.47948
ARLI	19990820	12	72.125	65.50565
ARLI	19990820	13	62	59.7427
ARLI	19990820	14	50.75	51.56308
ARLI	19990820	15	39.625	41.93118
ARLI	19990820	16	30	32.43081
ARLI	19990820	17	20.875	23.90907
ARLI	19990820	18	12.625	16.81785
ARLI	19990820	19	5.375	12.0875
ARLI	19990820	20	3.75	8.871584
ARLI	19990820	21	3.125	7.163473
ARLI	19990820	22	3	8.193626
ARLI	19990820	23	4.75	11.42876
ARLI	19990821	0	9.75	15.59116
ARLI	19990821	1	16.5	21.56996
ARLI	19990821	2	25.125	29.7623
ARLI	19990821	3	35.125	39.55483
ARLI	19990821	4	45.375	50.0368
ARLI	19990821	5	58.25	60.40945
ARLI	19990821	6	71.25	70.00667

ARLI	19990821	7	82	77.95207
ARLI	19990821	8	89.125	84.47173
ARLI	19990821	9	94.25	88.23502
ARLI	19990821	10	97.875	88.69124
ARLI	19990821	11	98.375	85.80943
ARLI	19990821	12	95.125	80.6497
ARLI	19990821	13	90	73.94488
ARLI	19990821	14	83.375	66.62756
ARLI	19990821	15	79	59.26576
ARLI	19990821	16	76	52.2345
ARLI	19990821	17	72.5	46.46327
ARLI	19990821	18		
ARLI	19990821	19		
ARLI	19990821	20		
ARLI	19990821	21		
ARLI	19990821	22		
ARLI	19990821	23		
ARLI	19990822	0		
ARLI	19990822	1		
ARLI	19990822	2		
ARLI	19990822	3	42.25	46.96577
ARLI	19990822	4	46.75	52.55176
ARLI	19990822	5	52.75	58.38454
ARLI	19990822	6	59.75	65.5561
ARLI	19990822	7	67.25	71.62254
ARLI	19990822	8	74.25	76.21262
ARLI	19990822	9	78.75	77.6609
ARLI	19990822	10	80.75	75.73187
ARLI	19990822	11	80.375	71.86827
ARLI	19990822	12	77.125	67.5883
ARLI	19990822	13	71.625	63.09024
ARLI	19990822	14	66.25	57.43506
ARLI	19990822	15	61.625	52.0564
ARLI	19990822	16	56.125	47.50627
ARLI	19990822	17	50.375	43.42064
ARLI	19990822	18	45.375	40.19903
ARLI	19990822	19	40.375	37.81746
ARLI	19990822	20	36.625	36.07621
ARLI	19990822	21	33.75	34.5824
ARLI	19990822	22	29.25	32.70901
ARLI	19990822	23	23.25	29.63499
ARLI	19990823	0	18.75	26.54038
ARLI	19990823	1	16.125	25.51345
ARLI	19990823	2	14.625	28.25701
ARLI	19990823	3	14.875	32.8335
ARLI	19990823	4	16.5	37.66345
ARLI	19990823	5	18.875	42.47327
ARLI	19990823	6	22.625	47.93923
ARLI	19990823	7	27.25	54.61749
ARLI	19990823	8	32.25	61.08876
ARLI	19990823	9	36.875	65.28341

ARLI	19990823	10	40.25	64.59292
ARLI	19990823	11	41.375	60.88629
ARLI	19990823	12	40.125	56.52023
ARLI	19990823	13	39.25	52.10793
ARLI	19990823	14	38.25	47.33398
ARLI	19990823	15	36.75	42.61782
ARLI	19990823	16	33.75	38.24254
ARLI	19990823	17	30.125	34.5738
ARLI	19990823	18	26.125	32.43632
ARLI	19990823	19	23.375	31.69107
ARLI	19990823	20	22.125	31.39623
ARLI	19990823	21	19	31.04266
ARLI	19990823	22	15.5	30.17154
ARLI	19990823	23	12.375	27.98187
ARLI	19990824	0	10	25.78397
ARLI	19990824	1	9.625	25.41838
ARLI	19990824	2	11.125	26.71891
ARLI	19990824	3	14.125	29.37525
ARLI	19990824	4	18.5	33.13833
ARLI	19990824	5	26	38.05977
ARLI	19990824	6	35.75	44.35957
ARLI	19990824	7	46.875	51.96002
ARLI	19990824	8	58.875	59.24787
ARLI	19990824	9	68.5	63.68886
ARLI	19990824	10	75.625	64.48701
ARLI	19990824	11	78.625	61.64649
ARLI	19990824	12	79	55.52991
ARLI	19990824	13	75.625	47.49559
ARLI	19990824	14	70.125	38.33433
ARLI	19990824	15	62.125	29.11001
ARLI	19990824	16	52.375	20.19725
ARLI	19990824	17	41.625	12.21417
ARLI	19990824	18		
ARLI	19990824	19		
ARLI	19990824	20		
ARLI	19990824	21		
ARLI	19990824	22		
ARLI	19990824	23		
ARLI	19990825	0		
ARLI	19990825	1		
ARLI	19990825	2		
ARLI	19990825	3	21.875	12.4256
ARLI	19990825	4	28.125	20.78648
ARLI	19990825	5	37.5	31.25097
ARLI	19990825	6	49.875	42.78508
ARLI	19990825	7	63.25	54.17078
ARLI	19990825	8	76.25	64.43794
ARLI	19990825	9	86	71.75045
ARLI	19990825	10	94.5	76.46993
ARLI	19990825	11	96.625	78.3291
ARLI	19990825	12	93.5	75.31666

ARLI	19990825	13	87.5	68.9892
ARLI	19990825	14	75.875	61.21928
ARLI	19990825	15	64.25	52.81034
ARLI	19990825	16	55.5	44.78105
ARLI	19990825	17	47.125	38.31626
ARLI	19990825	18	39.75	32.82022
ARLI	19990825	19	34.625	27.75293
ARLI	19990825	20	31.75	24.67872
ARLI	19990825	21	30	22.5388
ARLI	19990825	22	29.375	19.94923
ARLI	19990825	23	27.75	17.11207
ARLI	19990826	0	24.375	14.60731
ARLI	19990826	1	21.5	12.57271
ARLI	19990826	2	19.75	11.91959
ARLI	19990826	3	21.875	14.82908
ARLI	19990826	4	26	20.52294
ARLI	19990826	5	32.5	26.43383
ARLI	19990826	6	42.5	32.48789
ARLI	19990826	7	52.125	38.88168
ARLI	19990826	8	59.25	45.67558
ARLI	19990826	9	65.25	52.51844
ARLI	19990826	10	69.75	57.72894
ARLI	19990826	11	69	56.47361
ARLI	19990826	12	67	51.05008
ARLI	19990826	13	63.875	45.57565
ARLI	19990826	14	58.625	40.5731
ARLI	19990826	15	53.875	35.75645
ARLI	19990826	16	51	30.41218
ARLI	19990826	17	48.625	24.62779
ARLI	19990826	18	45.875	19.25872
ARLI	19990826	19	43.375	17.05549
ARLI	19990826	20	41.875	16.62908
ARLI	19990826	21	40.125	16.25192
ARLI	19990826	22	37.375	15.478
ARLI	19990826	23	32.375	13.85569
ARLI	19990827	0	27.25	12.24991
ARLI	19990827	1	22.625	10.9083
ARLI	19990827	2	21	10.73121
ARLI	19990827	3	23.75	14.39807
ARLI	19990827	4	28.25	19.59017
ARLI	19990827	5	35.375	24.99161
ARLI	19990827	6	45.125	32.1133
ARLI	19990827	7	57.625	41.46304
ARLI	19990827	8	69.625	50.59433
ARLI	19990827	9	78.75	58.69989
ARLI	19990827	10	83.75	64.73197
ARLI	19990827	11	83.875	65.04063
ARLI	19990827	12	79.625	62.24157
ARLI	19990827	13	75.625	58.78029
ARLI	19990827	14	70.375	54.02015
ARLI	19990827	15	63.25	47.75278

ARLI	19990827	16	55.875	41.47432
ARLI	19990827	17	50.75	35.91176
ARLI	19990827	18	46.5	31.24299
ARLI	19990827	19	44.375	28.30219
ARLI	19990827	20	44.75	26.90221
ARLI	19990827	21	41.875	26.73175
ARLI	19990827	22	38.625	27.20331
ARLI	19990827	23	35.625	27.45209
ARLI	19990828	0	34	27.42591
ARLI	19990828	1	33.125	29.46202
ARLI	19990828	2	34.875	34.61204
ARLI	19990828	3	37	41.40735
ARLI	19990828	4	39.5	48.52144
ARLI	19990828	5	43.75	55.12035
ARLI	19990828	6	50.125	61.56558
ARLI	19990828	7	57.875	68.69772
ARLI	19990828	8	65.25	75.43517
ARLI	19990828	9	71.375	78.78603
ARLI	19990828	10	75.125	77.68261
ARLI	19990828	11	77	73.78919
ARLI	19990828	12	76.875	68.35452
ARLI	19990828	13	73.125	62.14582
ARLI	19990828	14	68.25	55.04946
ARLI	19990828	15	64.375	47.25169
ARLI	19990828	16	61.875	40.2602
ARLI	19990828	17	59.5	34.87339
ARLI	19990828	18		
ARLI	19990828	19		
ARLI	19990828	20		
ARLI	19990828	21		
ARLI	19990828	22		
ARLI	19990828	23		
ARLI	19990829	0		
ARLI	19990829	1		
ARLI	19990829	2		
ARLI	19990829	3	59.125	39.09006
ARLI	19990829	4	63.375	49.58191
ARLI	19990829	5	68.5	59.9839
ARLI	19990829	6	74.875	70.02389
ARLI	19990829	7	79.625	79.94433
ARLI	19990829	8	84.25	89.04587
ARLI	19990829	9	88.875	95.93622
ARLI	19990829	10	91	97.38804
ARLI	19990829	11	89.5	93.58986
ARLI	19990829	12	84	86.37529
ARLI	19990829	13	76.875	78.01952
ARLI	19990829	14	68.5	69.35751
ARLI	19990829	15	64.125	60.86194
ARLI	19990829	16	59.625	52.868
ARLI	19990829	17	54.625	44.89653
ARLI	19990829	18	50.375	38.15107

ARLI	19990829	19	47.5	33.82455
ARLI	19990829	20	45	32.18338
ARLI	19990829	21	41.375	31.86966
ARLI	19990829	22	37.375	31.255
ARLI	19990829	23	30.5	28.80041
ARLI	19990830	0	24.375	26.35322
ARLI	19990830	1	20.375	25.93031
ARLI	19990830	2	20.875	27.95805
ARLI	19990830	3	25.75	32.77875
ARLI	19990830	4	34.5	40.00512
ARLI	19990830	5	47	48.11967
ARLI	19990830	6	60	57.224
ARLI	19990830	7	73.625	68.01636
ARLI	19990830	8	86.625	77.8738
ARLI	19990830	9	95.625	84.34221
ARLI	19990830	10	98.375	86.61478
ARLI	19990830	11	96.25	82.36517
ARLI	19990830	12	91.25	72.73529
ARLI	19990830	13	84.375	61.11773
ARLI	19990830	14	74.375	49.12174
ARLI	19990830	15	65.625	37.39292
ARLI	19990830	16	55.875	26.66526
ARLI	19990830	17	48.25	17.84102
ARLI	19990830	18	43.125	11.47397
ARLI	19990830	19	39.625	9.480279
ARLI	19990830	20	37.5	11.15702
ARLI	19990830	21	34.625	14.61529
ARLI	19990830	22	34.375	18.10118
ARLI	19990830	23	30.625	19.67671
ARLI	19990831	0	29.625	20.70262
ARLI	19990831	1	30.5	22.04403
ARLI	19990831	2	32.5	26.72701
ARLI	19990831	3	37.875	33.82593
ARLI	19990831	4	45.75	41.77303
ARLI	19990831	5	54.875	49.22357
ARLI	19990831	6	63.875	57.09824
ARLI	19990831	7	74.25	66.70235
ARLI	19990831	8	82.25	75.96986
ARLI	19990831	9	87.375	83.29835
ARLI	19990831	10	89.375	85.18916
ARLI	19990831	11	86.125	80.50528
ARLI	19990831	12	79.125	72.12022
ARLI	19990831	13	70.75	63.11889
ARLI	19990831	14	64.375	53.99812
ARLI	19990831	15	57.5	45.33014
ARLI	19990831	16	51.5	37.9008
ARLI	19990831	17	46.5	32.75841
ARLI	19990831	18		
ARLI	19990831	19		
ARLI	19990831	20		
ARLI	19990831	21		

ARLI	19990831	22		
ARLI	19990831	23		
ARLI	19990901	0		
ARLI	19990901	1		
ARLI	19990901	2		
ARLI	19990901	3	47.5	60.93073
ARLI	19990901	4	52.5	64.81636
ARLI	19990901	5	57.75	68.67403
ARLI	19990901	6	63.75	72.99876
ARLI	19990901	7	70.875	78.29404
ARLI	19990901	8	76	83.04565
ARLI	19990901	9	78.25	83.77982
ARLI	19990901	10	77.125	81.1131
ARLI	19990901	11	73.625	75.76555
ARLI	19990901	12	68.625	68.83756
ARLI	19990901	13	63.625	61.40154
ARLI	19990901	14	58.75	54.16219
ARLI	19990901	15	55.125	47.66446
ARLI	19990901	16	52.375	42.22955
ARLI	19990901	17		
ARLI	19990901	18		
ARLI	19990901	19		
ARLI	19990901	20		
ARLI	19990901	21		
ARLI	19990901	22		
ARLI	19990901	23		
COLN	19990813	0	18.125	26.25511
COLN	19990813	1	17.625	25.11793
COLN	19990813	2	17.5	25.47202
COLN	19990813	3	18.125	27.37944
COLN	19990813	4	20.125	31.00151
COLN	19990813	5	22.75	36.05077
COLN	19990813	6	26.875	42.01422
COLN	19990813	7	33.75	48.50082
COLN	19990813	8	41.25	54.97456
COLN	19990813	9	49.625	60.8601
COLN	19990813	10	55.5	65.39442
COLN	19990813	11	58.75	67.93527
COLN	19990813	12	58.875	67.24641
COLN	19990813	13	60.375	63.89666
COLN	19990813	14	61.75	59.33505
COLN	19990813	15	60	54.04896
COLN	19990813	16	58.5	48.22285
COLN	19990813	17	52.5	42.20608
COLN	19990813	18	49.875	36.53077
COLN	19990813	19	48.25	31.55638
COLN	19990813	20	47.5	28.45352
COLN	19990813	21	44	27.23418
COLN	19990813	22	38.375	27.42458
COLN	19990813	23	33.375	28.16656
COLN	19990814	0	30.375	29.5927

COLN	19990814	1	32.25	32.59935
COLN	19990814	2	33.875	37.06625
COLN	19990814	3	37.75	42.3886
COLN	19990814	4	43.125	47.8061
COLN	19990814	5	49.375	52.7819
COLN	19990814	6	57.375	56.96365
COLN	19990814	7	65.875	60.94527
COLN	19990814	8	71.375	64.43473
COLN	19990814	9	75.125	66.33531
COLN	19990814	10	77.125	66.66186
COLN	19990814	11	77.375	65.52199
COLN	19990814	12	76.25	62.9994
COLN	19990814	13	74.25	59.49182
COLN	19990814	14	71.375	55.05496
COLN	19990814	15	68	49.75055
COLN	19990814	16	66.125	43.8705
COLN	19990814	17	61	37.90855
COLN	19990814	18	57.25	32.26556
COLN	19990814	19	53.375	27.47267
COLN	19990814	20	50.125	24.33092
COLN	19990814	21	47.5	22.66081
COLN	19990814	22	45	22.17534
COLN	19990814	23	42.5	22.24497
COLN	19990815	0	39.125	23.68592
COLN	19990815	1	40.25	28.12865
COLN	19990815	2	41.75	35.0355
COLN	19990815	3	44.375	43.50611
COLN	19990815	4	48.625	52.0808
COLN	19990815	5	54.25	60.09622
COLN	19990815	6	61.125	67.48644
COLN	19990815	7	68.375	74.5211
COLN	19990815	8	74.5	79.89235
COLN	19990815	9	79	82.06789
COLN	19990815	10	81.375	81.38903
COLN	19990815	11	81.625	78.28423
COLN	19990815	12	79.125	73.37959
COLN	19990815	13	75	69.32584
COLN	19990815	14	69.875	66.10868
COLN	19990815	15	65.625	62.93035
COLN	19990815	16	63.875	60.14817
COLN	19990815	17	58.625	56.71615
COLN	19990815	18	55.5	52.73519
COLN	19990815	19	52.875	49.12037
COLN	19990815	20	50.5	46.21476
COLN	19990815	21	48.125	42.28751
COLN	19990815	22	45	37.65268
COLN	19990815	23	39.75	33.05198
COLN	19990816	0	33.375	28.81669
COLN	19990816	1	33.375	27.70548
COLN	19990816	2	34	29.23645
COLN	19990816	3	37	33.2266

COLN	19990816	4	42.25	39.36068
COLN	19990816	5	49.5	47.30215
COLN	19990816	6	59.75	56.35468
COLN	19990816	7	70.625	65.81513
COLN	19990816	8	79	74.37165
COLN	19990816	9	85.375	79.99465
COLN	19990816	10	89.375	83.069
COLN	19990816	11	89.75	83.0276
COLN	19990816	12	86.875	80.083
COLN	19990816	13	81.25	74.88525
COLN	19990816	14	73.625	68.78801
COLN	19990816	15	67.125	63.10947
COLN	19990816	16	64.25	59.15823
COLN	19990816	17	56.625	56.54443
COLN	19990816	18	50.5	54.4261
COLN	19990816	19	46.625	52.51598
COLN	19990816	20	43.25	50.86616
COLN	19990816	21	40.875	48.93177
COLN	19990816	22	37.625	46.00415
COLN	19990816	23	32.375	41.76708
COLN	19990817	0	26.75	36.93309
COLN	19990817	1	30.125	33.13295
COLN	19990817	2	34.25	31.47936
COLN	19990817	3	39.375	33.11622
COLN	19990817	4	47.875	37.60167
COLN	19990817	5	58.5	44.56047
COLN	19990817	6	72.5	53.5517
COLN	19990817	7	89.875	63.71602
COLN	19990817	8	105.75	73.3353
COLN	19990817	9	114.875	80.78281
COLN	19990817	10	121.375	85.30283
COLN	19990817	11	122.625	85.83937
COLN	19990817	12	119.125	82.08769
COLN	19990817	13	112.125	74.46191
COLN	19990817	14	102.75	64.19737
COLN	19990817	15	91.125	53.16388
COLN	19990817	16	81.375	42.60371
COLN	19990817	17	68.875	32.95841
COLN	19990817	18	59.125	24.55017
COLN	19990817	19	53	17.66438
COLN	19990817	20	48.5	13.22705
COLN	19990817	21	44.75	11.27962
COLN	19990817	22	40.875	11.09108
COLN	19990817	23	35.5	12.25446
COLN	19990818	0	29.125	14.03823
COLN	19990818	1	30	16.94535
COLN	19990818	2	30.625	21.25516
COLN	19990818	3	33.75	27.7747
COLN	19990818	4	39.875	36.91382
COLN	19990818	5	48.375	48.47987
COLN	19990818	6	58.125	61.41762

COLN	19990818	7	71.875	74.38226
COLN	19990818	8	84.75	87.03307
COLN	19990818	9	96	98.07052
COLN	19990818	10	105.375	106.4137
COLN	19990818	11	111.5	110.9942
COLN	19990818	12	113.125	110.8425
COLN	19990818	13	108.625	105.7555
COLN	19990818	14	101.625	97.46278
COLN	19990818	15	92.75	87.1101
COLN	19990818	16	81.625	75.09813
COLN	19990818	17	67.75	62.36149
COLN	19990818	18	54.375	50.35814
COLN	19990818	19	41.875	39.77768
COLN	19990818	20	31.875	31.34389
COLN	19990818	21	26.5	25.4759
COLN	19990818	22	21.625	21.48354
COLN	19990818	23	16.25	18.9847
COLN	19990819	0	14.125	18.51181
COLN	19990819	1	16.75	21.05525
COLN	19990819	2	20.125	26.92645
COLN	19990819	3	25.625	35.40484
COLN	19990819	4	31.75	44.50665
COLN	19990819	5	39.25	52.79764
COLN	19990819	6	48.5	60.64804
COLN	19990819	7	58.5	68.11043
COLN	19990819	8	66.375	74.66852
COLN	19990819	9	72	78.74885
COLN	19990819	10	75.5	79.40358
COLN	19990819	11	75.125	76.61931
COLN	19990819	12	74.375	72.63023
COLN	19990819	13	72.25	69.61783
COLN	19990819	14	69.625	66.44054
COLN	19990819	15	66.625	63.54397
COLN	19990819	16	62.375	61.75154
COLN	19990819	17	55.875	61.11127
COLN	19990819	18	52.875	60.99053
COLN	19990819	19	51.375	61.33526
COLN	19990819	20	49.5	61.5005
COLN	19990819	21	46.25	60.66129
COLN	19990819	22	40.75	59.72304
COLN	19990819	23	34.375	58.12883
COLN	19990820	0	33.375	55.57723
COLN	19990820	1	35.75	52.95395
COLN	19990820	2		
COLN	19990820	3		
COLN	19990820	4		
COLN	19990820	5		
COLN	19990820	6		
COLN	19990820	7		
COLN	19990820	8		
COLN	19990820	9		

COLN	19990820	10	67.75	69.96557
COLN	19990820	11	69.125	70.04547
COLN	19990820	12	67.125	68.17678
COLN	19990820	13	62.625	65.12408
COLN	19990820	14	57.875	61.21062
COLN	19990820	15	54.5	56.42367
COLN	19990820	16	50	51.05531
COLN	19990820	17	44.125	45.44173
COLN	19990820	18	41.375	39.8707
COLN	19990820	19	39.125	34.96284
COLN	19990820	20	39.125	31.08133
COLN	19990820	21	40.875	28.66011
COLN	19990820	22	42.5	27.55668
COLN	19990820	23	42.25	27.43152
COLN	19990821	0	43.5	28.19944
COLN	19990821	1	46.75	31.22107
COLN	19990821	2	48.625	36.76816
COLN	19990821	3	52.375	44.04409
COLN	19990821	4	56.75	51.84879
COLN	19990821	5	61	59.51587
COLN	19990821	6	65.5	66.58921
COLN	19990821	7	70.875	72.7029
COLN	19990821	8	75	78.06667
COLN	19990821	9	77.875	81.12146
COLN	19990821	10	79.5	81.31294
COLN	19990821	11	79.375	79.02647
COLN	19990821	12	77.5	75.47224
COLN	19990821	13	75.375	71.02064
COLN	19990821	14	73.5	66.05361
COLN	19990821	15	70.75	61.06453
COLN	19990821	16	67.25	55.78724
COLN	19990821	17	63.25	50.70078
COLN	19990821	18	61.625	46.55417
COLN	19990821	19	59	43.41165
COLN	19990821	20	57	40.80414
COLN	19990821	21	55	38.55929
COLN	19990821	22	51.875	36.53706
COLN	19990821	23	48.75	35.07919
COLN	19990822	0	47.25	34.42088
COLN	19990822	1	46.5	36.26255
COLN	19990822	2	44.25	40.68959
COLN	19990822	3	45.75	47.98483
COLN	19990822	4	49.5	56.85716
COLN	19990822	5	55.25	66.19946
COLN	19990822	6	62.75	74.34219
COLN	19990822	7	70.875	81.6491
COLN	19990822	8	77.75	88.35535
COLN	19990822	9	84.25	92.02438
COLN	19990822	10	88.75	91.31209
COLN	19990822	11	89.875	86.33185
COLN	19990822	12	88	78.88279

COLN	19990822	13	83.625	70.18411
COLN	19990822	14	76.625	62.05677
COLN	19990822	15	69.125	54.26709
COLN	19990822	16	61.5	46.84588
COLN	19990822	17	53.125	40.13602
COLN	19990822	18	47.625	34.58047
COLN	19990822	19	42.125	29.91854
COLN	19990822	20	36.875	26.01308
COLN	19990822	21	32.5	23.02669
COLN	19990822	22	29.375	20.67505
COLN	19990822	23	25.375	18.55786
COLN	19990823	0	22.5	16.22792
COLN	19990823	1	21.125	14.26113
COLN	19990823	2	19	13.18124
COLN	19990823	3	18.875	15.89882
COLN	19990823	4	20.375	22.56591
COLN	19990823	5	22.625	30.97561
COLN	19990823	6	25.625	39.98893
COLN	19990823	7	31.25	48.97429
COLN	19990823	8	37.5	57.68246
COLN	19990823	9	42.875	65.09979
COLN	19990823	10	46.25	70.93644
COLN	19990823	11	47.75	71.69457
COLN	19990823	12	47.75	67.37184
COLN	19990823	13	46.375	60.06857
COLN	19990823	14	43.25	51.37859
COLN	19990823	15	40.5	42.32619
COLN	19990823	16	36.25	33.82549
COLN	19990823	17	31	26.56186
COLN	19990823	18	26.875	20.5997
COLN	19990823	19	23.375	16.54421
COLN	19990823	20	20.5	14.07824
COLN	19990823	21	17.75	13.1324
COLN	19990823	22	16	13.13798
COLN	19990823	23	12.25	13.35357
COLN	19990824	0	10	13.87256
COLN	19990824	1	10.375	15.33672
COLN	19990824	2	12.125	17.8379
COLN	19990824	3	15.875	22.01638
COLN	19990824	4	20.75	28.0972
COLN	19990824	5	26.75	35.66237
COLN	19990824	6	35.125	43.63957
COLN	19990824	7	44.25	51.20434
COLN	19990824	8	52.125	57.41378
COLN	19990824	9	58.375	61.65132
COLN	19990824	10	62.25	64.20662
COLN	19990824	11	63.5	64.31241
COLN	19990824	12	64.25	61.55167
COLN	19990824	13	64.125	56.55872
COLN	19990824	14	61.875	50.43578
COLN	19990824	15	59.625	44.83149

COLN	19990824	16	56	40.32408
COLN	19990824	17	51.875	36.80076
COLN	19990824	18	51.125	33.93142
COLN	19990824	19	51.375	31.92861
COLN	19990824	20	50	30.98486
COLN	19990824	21	47.625	30.75264
COLN	19990824	22	43.5	31.23979
COLN	19990824	23	36.625	31.424
COLN	19990825	0	32.875	31.31296
COLN	19990825	1	34.25	32.26816
COLN	19990825	2	34.375	34.76083
COLN	19990825	3	35.75	37.7728
COLN	19990825	4	39.75	42.21586
COLN	19990825	5	45.875	48.02184
COLN	19990825	6	54.75	54.62814
COLN	19990825	7	66.75	62.12369
COLN	19990825	8	78.25	69.37719
COLN	19990825	9	85.75	73.92043
COLN	19990825	10	91.375	75.21505
COLN	19990825	11	94.25	74.28928
COLN	19990825	12	91.125	69.92987
COLN	19990825	13	85.25	61.91208
COLN	19990825	14	77.875	51.46124
COLN	19990825	15	69	40.40097
COLN	19990825	16	59.375	29.85389
COLN	19990825	17	48.75	20.74054
COLN	19990825	18	39.25	13.34685
COLN	19990825	19	30.375	8.194685
COLN	19990825	20	26.375	5.472087
COLN	19990825	21	25.125	5.262292
COLN	19990825	22	22.25	6.513521
COLN	19990825	23	19.5	7.618575
COLN	19990826	0	18	8.959439
COLN	19990826	1	18.75	10.66295
COLN	19990826	2	20.875	14.00651
COLN	19990826	3	25.25	20.916
COLN	19990826	4	31.125	30.47066
COLN	19990826	5	37.125	42.45514
COLN	19990826	6	46.5	56.95659
COLN	19990826	7	58	72.54636
COLN	19990826	8	69.625	86.80522
COLN	19990826	9	78.5	98.98167
COLN	19990826	10	83.375	107.0831
COLN	19990826	11	86	107.3864
COLN	19990826	12	84.125	101.2741
COLN	19990826	13	79	90.98863
COLN	19990826	14	71	77.27782
COLN	19990826	15	62.25	61.94848
COLN	19990826	16	52.25	47.48504
COLN	19990826	17	43	35.45136
COLN	19990826	18	37.375	25.47738

COLN	19990826	19	31.75	18.91904
COLN	19990826	20	29.5	15.98211
COLN	19990826	21	30.875	15.03444
COLN	19990826	22	33.5	15.22757
COLN	19990826	23	34.25	15.74685
COLN	19990827	0	35.125	16.47165
COLN	19990827	1	38.625	17.42255
COLN	19990827	2	41.125	21.93087
COLN	19990827	3	44.75	29.86674
COLN	19990827	4	48.75	40.41936
COLN	19990827	5	52.5	52.59646
COLN	19990827	6	57.75	66.02615
COLN	19990827	7	60.5	80.53696
COLN	19990827	8	63.125	94.04439
COLN	19990827	9	63	102.701
COLN	19990827	10	61.875	104.3236
COLN	19990827	11	60.875	101.2596
COLN	19990827	12	58.25	92.56397
COLN	19990827	13	54.75	79.78521
COLN	19990827	14	50.25	65.62239
COLN	19990827	15	49.125	51.11524
COLN	19990827	16	46.875	37.64109
COLN	19990827	17	44.125	28.10523
COLN	19990827	18	42.875	22.85739
COLN	19990827	19	40.125	19.65269
COLN	19990827	20	38.5	19.2265
COLN	19990827	21	36.625	21.12952
COLN	19990827	22	34.25	23.57157
COLN	19990827	23	31.75	25.4307
COLN	19990828	0	31.125	26.8533
COLN	19990828	1	32.25	29.63434
COLN	19990828	2	33.625	33.95969
COLN	19990828	3	38.125	40.25341
COLN	19990828	4	44.5	49.72315
COLN	19990828	5	51.875	60.82865
COLN	19990828	6	60.25	71.26244
COLN	19990828	7	68.375	81.45802
COLN	19990828	8	75.375	91.41009
COLN	19990828	9	81.375	99.04594
COLN	19990828	10	85.125	101.5584
COLN	19990828	11	86.25	97.94006
COLN	19990828	12	84.125	88.47677
COLN	19990828	13	80.25	75.14479
COLN	19990828	14	77.375	60.83698
COLN	19990828	15	74.25	46.94048
COLN	19990828	16	68.875	34.32946
COLN	19990828	17	62.375	23.97586
COLN	19990828	18	58.375	17.66837
COLN	19990828	19	53.875	15.48444
COLN	19990828	20	49.625	16.03648
COLN	19990828	21	46.25	18.60256

COLN	19990828	22	41.625	22.68844
COLN	19990828	23	38.375	27.06999
COLN	19990829	0	39.5	31.27369
COLN	19990829	1	43.75	36.28613
COLN	19990829	2	47.125	44.16669
COLN	19990829	3	52.25	54.99132
COLN	19990829	4	58.375	67.02536
COLN	19990829	5	64.75	78.28392
COLN	19990829	6	71.5	88.79369
COLN	19990829	7	77.625	99.00537
COLN	19990829	8	81.625	107.8446
COLN	19990829	9	83.125	113.2143
COLN	19990829	10	83.125	112.9372
COLN	19990829	11	81.75	106.7283
COLN	19990829	12	79.25	96.73395
COLN	19990829	13	75	86.22895
COLN	19990829	14	70.625	75.91357
COLN	19990829	15	66.5	65.96581
COLN	19990829	16	61.5	57.1146
COLN	19990829	17	55.625	49.7091
COLN	19990829	18	51.5	43.83729
COLN	19990829	19	48.125	40.10375
COLN	19990829	20	45.125	38.4493
COLN	19990829	21	43.25	37.53967
COLN	19990829	22	41	36.36623
COLN	19990829	23	37.25	33.99278
COLN	19990830	0	36.75	31.50217
COLN	19990830	1	38.875	30.22044
COLN	19990830	2	42.25	32.04954
COLN	19990830	3	47.125	37.11425
COLN	19990830	4	53.25	44.6627
COLN	19990830	5	60.25	52.72902
COLN	19990830	6	67.25	60.69899
COLN	19990830	7	74.125	69.18253
COLN	19990830	8	78.875	76.93645
COLN	19990830	9	82.5	82.51505
COLN	19990830	10	83.5	84.05895
COLN	19990830	11	82.5	81.63648
COLN	19990830	12	80	75.39666
COLN	19990830	13	76	67.98683
COLN	19990830	14	70.875	60.71421
COLN	19990830	15	66.5	54.04128
COLN	19990830	16	60.75	48.33028
COLN	19990830	17	54	43.94941
COLN	19990830	18	50.375	41.08946
COLN	19990830	19	47	39.54863
COLN	19990830	20	45.25	39.78787
COLN	19990830	21	44.5	40.99562
COLN	19990830	22	44	42.2931
COLN	19990830	23	43.125	42.28251
COLN	19990831	0	44.375	41.14257

COLN	19990831	1	48.375	40.57838
COLN	19990831	2	51	42.90426
COLN	19990831	3	54.875	47.00583
COLN	19990831	4	58.875	51.14582
COLN	19990831	5	63.125	55.1314
COLN	19990831	6	68.125	59.46711
COLN	19990831	7	73.5	64.97468
COLN	19990831	8	78.375	70.92364
COLN	19990831	9	81.375	75.25079
COLN	19990831	10	82.5	75.33843
COLN	19990831	11	81.125	71.69331
COLN	19990831	12	77.75	66.55808
COLN	19990831	13	74.5	61.36227
COLN	19990831	14	70.5	56.31011
COLN	19990831	15	66.75	51.56681
COLN	19990831	16	60.875	47.34917
COLN	19990831	17	54.125	43.95252
COLN	19990831	18	49.5	41.83491
COLN	19990831	19	46.375	41.83469
COLN	19990831	20	44.625	43.38762
COLN	19990831	21	42.5	45.4192
COLN	19990831	22	40.875	47.35344
COLN	19990831	23	37	48.20728
COLN	19990901	0	35.75	48.54386
COLN	19990901	1	38.5	50.28812
COLN	19990901	2	40.625	53.10289
COLN	19990901	3	44.375	57.3504
COLN	19990901	4	49.5	63.22691
COLN	19990901	5	55.125	69.28082
COLN	19990901	6	60.375	74.37437
COLN	19990901	7	67.625	79.42944
COLN	19990901	8	74.125	83.97962
COLN	19990901	9	77	85.91096
COLN	19990901	10	79	85.37249
COLN	19990901	11	78.625	82.10058
COLN	19990901	12	74.625	76.37796
COLN	19990901	13	70.375	69.99752
COLN	19990901	14	67.125	64.21146
COLN	19990901	15	64.125	58.86197
COLN	19990901	16	59.125	53.80661
COLN	19990901	17		
COLN	19990901	18		
COLN	19990901	19		
COLN	19990901	20		
COLN	19990901	21		
COLN	19990901	22		
COLN	19990901	23		
DALN	19990813	0	17.375	19.8643
DALN	19990813	1	15	18.52212
DALN	19990813	2	14	18.84994
DALN	19990813	3	15.375	20.74333

DALN	19990813	4	18.875	24.21604
DALN	19990813	5	22.5	29.28592
DALN	19990813	6	28.125	36.31028
DALN	19990813	7	36.5	44.12677
DALN	19990813	8	44.875	51.3465
DALN	19990813	9	52.75	57.5116
DALN	19990813	10	57.25	61.45278
DALN	19990813	11	58.125	62.10764
DALN	19990813	12	55.75	58.40428
DALN	19990813	13	53.875	51.53098
DALN	19990813	14	53.25	43.29604
DALN	19990813	15	48.75	34.45153
DALN	19990813	16	44	25.75162
DALN	19990813	17	40.625	17.92207
DALN	19990813	18	39.375	11.83028
DALN	19990813	19	39.5	7.833207
DALN	19990813	20	40.75	7.066557
DALN	19990813	21	41	8.806161
DALN	19990813	22	37.75	11.43731
DALN	19990813	23	36	13.87789
DALN	19990814	0	35.625	17.02122
DALN	19990814	1	35.375	21.86333
DALN	19990814	2	36.625	28.01679
DALN	19990814	3	40.125	35.19333
DALN	19990814	4	45.875	42.69613
DALN	19990814	5	52.75	49.81014
DALN	19990814	6	60.625	56.34855
DALN	19990814	7	68.125	62.80448
DALN	19990814	8	74	67.64198
DALN	19990814	9	78.625	69.49623
DALN	19990814	10	80.75	68.89175
DALN	19990814	11	79.5	65.885
DALN	19990814	12	74.5	60.15392
DALN	19990814	13	69.25	53.44081
DALN	19990814	14	64	45.88938
DALN	19990814	15	59.75	37.80736
DALN	19990814	16	56.625	30.24014
DALN	19990814	17	53.625	23.95472
DALN	19990814	18		
DALN	19990814	19		
DALN	19990814	20		
DALN	19990814	21		
DALN	19990814	22		
DALN	19990814	23		
DALN	19990815	0		
DALN	19990815	1		
DALN	19990815	2		
DALN	19990815	3	44.75	42.7741
DALN	19990815	4	50	51.0342
DALN	19990815	5	55.75	59.58891
DALN	19990815	6	63.75	68.19753

DALN	19990815	7	72.25	76.71576
DALN	19990815	8	79.125	82.55111
DALN	19990815	9	84.25	84.74278
DALN	19990815	10	86.5	83.94353
DALN	19990815	11	85.5	80.5062
DALN	19990815	12	82.125	74.4545
DALN	19990815	13	76.75	69.83516
DALN	19990815	14	69.25	64.916
DALN	19990815	15	61.875	59.38571
DALN	19990815	16	57.625	55.03045
DALN	19990815	17	53.375	50.49645
DALN	19990815	18	50.125	46.44718
DALN	19990815	19	47.875	43.24653
DALN	19990815	20	45.75	41.20179
DALN	19990815	21	43.875	36.84985
DALN	19990815	22	41.375	31.51228
DALN	19990815	23	37	26.70091
DALN	19990816	0	31.75	22.61267
DALN	19990816	1	29.25	21.9231
DALN	19990816	2	29.875	24.00127
DALN	19990816	3	33.75	28.45897
DALN	19990816	4	39.875	34.54438
DALN	19990816	5	48	42.15702
DALN	19990816	6	59	51.83721
DALN	19990816	7	71	62.19062
DALN	19990816	8	79.25	71.06463
DALN	19990816	9	85.875	76.66411
DALN	19990816	10	89.25	78.80551
DALN	19990816	11	88.25	77.69766
DALN	19990816	12	84	72.94454
DALN	19990816	13	77	66.37713
DALN	19990816	14	67.5	59.06807
DALN	19990816	15	58.875	52.3758
DALN	19990816	16	53.25	48.42918
DALN	19990816	17	45.375	46.03621
DALN	19990816	18	39	44.25489
DALN	19990816	19	34.25	42.5999
DALN	19990816	20	31	42.17146
DALN	19990816	21	28.375	41.33157
DALN	19990816	22	25.25	38.58192
DALN	19990816	23	21.375	34.7151
DALN	19990817	0	18.25	29.63646
DALN	19990817	1	20	25.4845
DALN	19990817	2	25.875	24.28115
DALN	19990817	3	34	26.084
DALN	19990817	4	44	30.27117
DALN	19990817	5	57.125	36.34369
DALN	19990817	6	72.25	44.90818
DALN	19990817	7	87.75	54.08083
DALN	19990817	8	100.25	62.48082
DALN	19990817	9	109.375	68.66486

DALN	19990817	10	111.25	71.11803
DALN	19990817	11	109.375	69.85822
DALN	19990817	12	104.25	63.76164
DALN	19990817	13	95.125	54.68588
DALN	19990817	14	83.5	44.99825
DALN	19990817	15	73.75	35.64137
DALN	19990817	16	66.75	27.28044
DALN	19990817	17	59.625	20.28767
DALN	19990817	18		
DALN	19990817	19		
DALN	19990817	20		
DALN	19990817	21		
DALN	19990817	22		
DALN	19990817	23		
DALN	19990818	0		
DALN	19990818	1		
DALN	19990818	2		
DALN	19990818	3	31.75	20.14888
DALN	19990818	4	37.375	28.62218
DALN	19990818	5	45.75	38.92448
DALN	19990818	6	57.625	50.79224
DALN	19990818	7	70.125	62.35613
DALN	19990818	8	81.125	72.95798
DALN	19990818	9	90	81.29279
DALN	19990818	10	96.625	85.714
DALN	19990818	11	99	85.25765
DALN	19990818	12	96.125	78.38003
DALN	19990818	13	88.5	67.79487
DALN	19990818	14	78.875	55.81287
DALN	19990818	15	70.875	43.83463
DALN	19990818	16	62.75	32.47957
DALN	19990818	17	52.625	22.01848
DALN	19990818	18	42	12.61175
DALN	19990818	19	33.75	5.072357
DALN	19990818	20	28.125	1.287502
DALN	19990818	21	24.375	0.063395
DALN	19990818	22	20.5	0.000001
DALN	19990818	23	15.625	0.381907
DALN	19990819	0	11.75	1.279737
DALN	19990819	1	11.75	3.91461
DALN	19990819	2	14.5	9.601274
DALN	19990819	3	18.75	17.6445
DALN	19990819	4	25.5	27.11838
DALN	19990819	5	35.125	37.52525
DALN	19990819	6	46.375	47.98671
DALN	19990819	7	57.75	57.74188
DALN	19990819	8	68.25	66.63643
DALN	19990819	9	72.75	73.20512
DALN	19990819	10	73	76.06587
DALN	19990819	11	67.75	75.57431
DALN	19990819	12	60.875	70.4017

DALN	19990819	13	53.25	64.18694
DALN	19990819	14	47.625	58.85869
DALN	19990819	15	42.875	53.09464
DALN	19990819	16	37.875	48.6329
DALN	19990819	17	37.375	46.10156
DALN	19990819	18	38.875	44.98615
DALN	19990819	19	43.5	44.774
DALN	19990819	20	47.25	47.23249
DALN	19990819	21	48.375	49.03042
DALN	19990819	22	45.75	48.55865
DALN	19990819	23	41	46.62105
DALN	19990820	0	38	44.03976
DALN	19990820	1	35.75	41.65977
DALN	19990820	2	35.875	40.15098
DALN	19990820	3	37.5	40.22369
DALN	19990820	4	40.125	41.88313
DALN	19990820	5	44.5	44.946
DALN	19990820	6	50.625	49.6743
DALN	19990820	7	57.75	56.37343
DALN	19990820	8	63.5	62.14865
DALN	19990820	9	68	65.77231
DALN	19990820	10	70.125	66.9919
DALN	19990820	11	69.75	65.89372
DALN	19990820	12	63.75	61.48572
DALN	19990820	13	55	54.92324
DALN	19990820	14	46.375	47.3212
DALN	19990820	15	39.875	39.43412
DALN	19990820	16	33	32.01192
DALN	19990820	17	25	25.6067
DALN	19990820	18	18.125	20.37832
DALN	19990820	19	14.25	16.28021
DALN	19990820	20	15.375	14.93572
DALN	19990820	21	18.25	15.77108
DALN	19990820	22	20.75	17.69237
DALN	19990820	23	21.5	19.85268
DALN	19990821	0	23.75	22.97816
DALN	19990821	1	29.5	27.93785
DALN	19990821	2	36.25	34.49048
DALN	19990821	3	43.125	41.9344
DALN	19990821	4	50.625	49.58964
DALN	19990821	5	58.375	56.85634
DALN	19990821	6	66	63.42641
DALN	19990821	7	72.5	69.72916
DALN	19990821	8	78.125	74.95692
DALN	19990821	9	81.75	77.50918
DALN	19990821	10	84.375	77.5172
DALN	19990821	11	85.5	75.78788
DALN	19990821	12	83.5	71.83847
DALN	19990821	13	79.375	66.11057
DALN	19990821	14	75.5	59.92329
DALN	19990821	15	72.75	53.55298

DALN	19990821	16	70.625	46.94899
DALN	19990821	17	67.75	41.30165
DALN	19990821	18		
DALN	19990821	19		
DALN	19990821	20		
DALN	19990821	21		
DALN	19990821	22		
DALN	19990821	23		
DALN	19990822	0		
DALN	19990822	1		
DALN	19990822	2		
DALN	19990822	3	40.75	44.42008
DALN	19990822	4	44.75	50.98093
DALN	19990822	5	50.5	57.87987
DALN	19990822	6	57.875	64.30039
DALN	19990822	7	65.25	70.89996
DALN	19990822	8	72.75	76.29692
DALN	19990822	9	79.5	77.90868
DALN	19990822	10	83.75	76.18284
DALN	19990822	11	84	72.73109
DALN	19990822	12	81.875	67.1904
DALN	19990822	13	76.75	60.29159
DALN	19990822	14	69	53.55436
DALN	19990822	15	62.125	46.85357
DALN	19990822	16	55.125	40.99929
DALN	19990822	17	50.25	35.65016
DALN	19990822	18	45.75	30.73908
DALN	19990822	19	41.125	26.31407
DALN	19990822	20	36.875	23.11494
DALN	19990822	21	33	20.97707
DALN	19990822	22	29.5	18.09142
DALN	19990822	23	26	15.17934
DALN	19990823	0	23.5	12.39225
DALN	19990823	1	19.875	10.59784
DALN	19990823	2	17.25	11.89259
DALN	19990823	3	16	16.27589
DALN	19990823	4	16.25	22.19325
DALN	19990823	5	19	28.94902
DALN	19990823	6	24.625	37.19326
DALN	19990823	7	30.75	45.26893
DALN	19990823	8	36.25	52.6216
DALN	19990823	9	40.5	58.77254
DALN	19990823	10	43.25	61.41277
DALN	19990823	11	44.5	60.19395
DALN	19990823	12	44.125	55.44643
DALN	19990823	13	41.125	48.41579
DALN	19990823	14	39	40.24959
DALN	19990823	15	36.75	31.89704
DALN	19990823	16	32.75	24.2237
DALN	19990823	17	29	17.50259
DALN	19990823	18	26.375	11.9836

DALN	19990823	19	24.5	7.829378
DALN	19990823	20	23.5	6.085938
DALN	19990823	21	23.25	6.092751
DALN	19990823	22	19.5	5.987488
DALN	19990823	23	15.375	6.382765
DALN	19990824	0	13.75	7.074174
DALN	19990824	1	13.875	8.681663
DALN	19990824	2	14.75	11.26122
DALN	19990824	3	17.375	15.07541
DALN	19990824	4	22.625	20.08103
DALN	19990824	5	30	26.62623
DALN	19990824	6	38.25	35.70042
DALN	19990824	7	48.125	44.9887
DALN	19990824	8	57.625	51.87087
DALN	19990824	9	64.25	53.83961
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DALN	19990824	11	67.75	50.16054
DALN	19990824	12	63	45.10366
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DALN	19990824	14	51.375	27.73797
DALN	19990824	15	45.375	18.04094
DALN	19990824	16	40.375	10.29255
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DALN	19990824	23		
DALN	19990825	0		
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DALN	19990825	2		
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DALN	19990825	4	33.125	23.94847
DALN	19990825	5	40.75	31.03399
DALN	19990825	6	52.125	40.08597
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DALN	19990825	9	86.25	63.64912
DALN	19990825	10	91.625	66.76129
DALN	19990825	11	91.125	65.02309
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DALN	19990825	16	39.625	19.07192
DALN	19990825	17	30	11.71053
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DALN	19990825	19	18.75	4.792165
DALN	19990825	20	20	6.461693
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DALN	19990826	14	66.625	31.60016
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DALN	19990826	18	37.875	4.666427
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DALN	19990826	20	33.875	7.686924
DALN	19990826	21	33.375	10.90645
DALN	19990826	22	30.875	13.24258
DALN	19990826	23	27.625	14.23425
DALN	19990827	0	23.25	15.37538
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DALN	19990827	2	25.75	21.57634
DALN	19990827	3	29.625	29.1252
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DALN	19990827	6	51.375	55.30856
DALN	19990827	7	60.5	65.05315
DALN	19990827	8	67	73.07409
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DALN	19990827	10	70.75	78.28462
DALN	19990827	11	69.25	73.04554
DALN	19990827	12	66.25	65.08135
DALN	19990827	13	63.375	56.21159
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DALN	19990827	15	56.125	38.80959
DALN	19990827	16	54	31.52853
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DALN	19990827	18	49	22.2765
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DALN	19990828	22		
DALN	19990828	23		
DALN	19990829	0		
DALN	19990829	1		
DALN	19990829	2		
DALN	19990829	3	55.625	50.84534
DALN	19990829	4	61.5	61.01269
DALN	19990829	5	67.125	70.39018
DALN	19990829	6	72.75	78.14401
DALN	19990829	7	78.375	85.31219
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DALN	19990829	13	69.375	61.85498
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DALN	19990829	16	57.875	39.80589
DALN	19990829	17	54.375	35.57714
DALN	19990829	18	51.5	33.02198
DALN	19990829	19	50.375	32.26031
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DALN	19990829	21	44.875	32.59518
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DALN	19990830	0	27.125	25.10369
DALN	19990830	1	25.625	23.62452
DALN	19990830	2	27	25.4668
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DALN	19990830	4	39.125	37.48352
DALN	19990830	5	50.75	44.69479
DALN	19990830	6	61.75	53.07382
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DALN	19990830	9	83.375	74.91394
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DALN	19990830	11	84.5	70.89962
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DALN	19990830	20	39.875	28.96878
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DALN	19990830	22	38.875	35.27612
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DALN	19990831	1	41.25	32.51907
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DALN	19990831	5	57.875	45.76878
DALN	19990831	6	64.375	51.59073
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DALN	19990901	4	52.125	58.31612
DALN	19990901	5	57	61.90193
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DALN	19990901	7	68.5	69.30688
DALN	19990901	8	76	72.96987
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DALN	19990901	10	79	72.07865
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DALN	19990901	12	71.75	61.71266
DALN	19990901	13	67.125	56.00212
DALN	19990901	14	63.875	50.77805
DALN	19990901	15	60.25	46.16603
DALN	19990901	16	56.125	42.22704
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DENT	19990817	0	6.625	37.18997
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DENT	19990820	2	29.625	51.23764
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DENT	19990820	4	39.5	53.5847
DENT	19990820	5	45.5	55.35181
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DENT	19990821	5	49.875	58.61852
DENT	19990821	6	59.875	66.4527
DENT	19990821	7	69.5	74.3381
DENT	19990821	8	77.25	81.5891
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DENT	19990821	16	65.5	65.11743
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DENT	19990821	18		
DENT	19990821	19		
DENT	19990821	20		
DENT	19990821	21		
DENT	19990821	22		
DENT	19990821	23		
DENT	19990822	0		
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DENT	19990822	4	48.5	54.81274
DENT	19990822	5	54.875	63.34898
DENT	19990822	6	62.625	71.58205
DENT	19990822	7	71.5	77.86006
DENT	19990822	8	80	83.92194
DENT	19990822	9	86.5	89.41675
DENT	19990822	10	89.375	91.62546
DENT	19990822	11	89.5	89.49876
DENT	19990822	12	87.375	84.90076
DENT	19990822	13	83	78.48006
DENT	19990822	14	76.625	71.67001
DENT	19990822	15	68	65.8574
DENT	19990822	16	58.875	59.60215
DENT	19990822	17	49.875	52.05421
DENT	19990822	18	40.25	45.46314
DENT	19990822	19	33.375	41.06267
DENT	19990822	20	28.5	37.5885
DENT	19990822	21	24.125	34.78588

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DENT	19990822	23	19	32.26332
DENT	19990823	0	18.5	32.22249
DENT	19990823	1	19	32.60086
DENT	19990823	2	21.5	34.40315
DENT	19990823	3	23.875	38.95505
DENT	19990823	4	26.75	45.79844
DENT	19990823	5	32.375	53.32715
DENT	19990823	6	38.75	60.76188
DENT	19990823	7	45.375	67.77126
DENT	19990823	8	51.375	74.39448
DENT	19990823	9	56.25	80.19498
DENT	19990823	10	58.75	83.58133
DENT	19990823	11	59.5	82.87225
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DENT	19990823	13	55.375	72.61622
DENT	19990823	14	50.75	66.16719
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DENT	19990823	17	35.375	46.10072
DENT	19990823	18	30.75	40.75783
DENT	19990823	19	26.625	36.98069
DENT	19990823	20	23.125	34.66596
DENT	19990823	21	19	33.29417
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DENT	19990823	23	11.75	31.71793
DENT	19990824	0	8.875	31.22361
DENT	19990824	1	9.625	31.94952
DENT	19990824	2	11.75	34.13373
DENT	19990824	3	15.25	37.38906
DENT	19990824	4	20.25	41.32104
DENT	19990824	5	27.125	45.70338
DENT	19990824	6	35.125	50.31106
DENT	19990824	7	43.625	54.90151
DENT	19990824	8	50.375	59.6237
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DENT	19990824	10	57.75	66.82593
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DENT	19990824	12	59.125	67.88686
DENT	19990824	13	57.875	66.1322
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DENT	19990826	3	27.25	17.02658
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DENT	19990826	22	30.625	29.86962
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DENT	19990827	3	32.75	33.45495

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DENT	19990827	21	13.125	28.41793
DENT	19990827	22	14.375	28.32976
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DENT	19990828	5	49.625	63.09762
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DENT	19990828	22	33.5	15.32346
DENT	19990828	23	28.5	13.45919
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DENT	19990829	3	42.125	42.08447
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DENT	19990829	21	14.75	34.37917
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DENT	19990831	22		
DENT	19990831	23		
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DENT	19990901	4	36.5	73.57665
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DENT	19990901	6	57.75	86.87141
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DENT	19990901	8	75.75	97.78985
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DENT	19990901	12	78.5	92.5532
DENT	19990901	13	72.75	85.40664
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DHIC	19990813	16	30.875	28.4615
DHIC	19990813	17	28.5	19.21844
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DHIC	19990813	19	30.875	5.760477
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DHIC	19990814	7	79.25	72.14044
DHIC	19990814	8	86.625	79.05447
DHIC	19990814	9	91.875	82.36841
DHIC	19990814	10	94.125	82.1268
DHIC	19990814	11	92.25	78.39319
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DHIC	19990814	13	80	62.47233
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DHIC	19990814	15	67.5	42.94929
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DHIC	19990814	17	55.5	26.34892
DHIC	19990814	18	50	20.73411
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DHIC	19990814	20	44.125	16.92612
DHIC	19990814	21	42.125	18.4587
DHIC	19990814	22	40.25	20.58359
DHIC	19990814	23	37.375	22.65877
DHIC	19990815	0	35.375	25.53252
DHIC	19990815	1	36	30.68431
DHIC	19990815	2	38.5	37.10611
DHIC	19990815	3	41.25	44.37502
DHIC	19990815	4	46.5	52.38558
DHIC	19990815	5	52.75	60.9362
DHIC	19990815	6	59.875	69.80508
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DHIC	19990815	20	30.625	46.04692
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DHIC	19990816	2	16.125	29.81989
DHIC	19990816	3	20.625	33.72269
DHIC	19990816	4	28.25	39.38637
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DHIC	19990816	6	50.125	55.63451
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DHIC	19990816	8	71.875	76.40816
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DHIC	19990816	10	86	85.75334
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DHIC	19990816	12	85.25	78.86697
DHIC	19990816	13	79.75	71.86093
DHIC	19990816	14	71	64.43136
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DHIC	19990816	16	49.5	51.81219
DHIC	19990816	17	39.25	47.68399
DHIC	19990816	18	29.75	44.32284
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DHIC	19990816	21	9.75	39.33268
DHIC	19990816	22	6.375	36.24478
DHIC	19990816	23	4	32.0443
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DHIC	19990817	1	6.125	23.44911
DHIC	19990817	2	14.125	22.97616
DHIC	19990817	3	24.875	26.06729
DHIC	19990817	4	38.125	31.43352
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DHIC	19990817	7	76.625	56.54944
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DHIC	19990817	13	78	59.2235
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DHIC	19990817	21	27	20.62584
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DHIC	19990818	7	57.25	63.01538
DHIC	19990818	8	68.25	73.44798
DHIC	19990818	9	77.25	81.78574
DHIC	19990818	10	82.125	86.31103
DHIC	19990818	11	83.125	85.22616
DHIC	19990818	12	79.625	78.67069
DHIC	19990818	13	73.5	69.11291
DHIC	19990818	14	63.625	58.26927
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DHIC	19990818	16	41.5	36.82643
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DHIC	19990818	18	21.125	20.83454
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DHIC	19990820	4	43.875	44.80542
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DHIC	19990820	6	56.125	53.04338
DHIC	19990820	7	64.75	59.31544
DHIC	19990820	8	71.25	65.3062
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DHIC	19990820	11	77.625	70.56147
DHIC	19990820	12	73.375	66.53175
DHIC	19990820	13	65	59.41889
DHIC	19990820	14	56.875	50.77871
DHIC	19990820	15	49.375	41.78975
DHIC	19990820	16	42.5	33.26057
DHIC	19990820	17	35.75	25.74584
DHIC	19990820	18	29.5	19.64784
DHIC	19990820	19	23.375	15.02354
DHIC	19990820	20	21.375	12.4842
DHIC	19990820	21	23.375	12.86371
DHIC	19990820	22	24.75	15.00683
DHIC	19990820	23	26	17.91761
DHIC	19990821	0	26.875	21.68977
DHIC	19990821	1	30	27.02749
DHIC	19990821	2	35.375	34.28853
DHIC	19990821	3	43.875	42.88985
DHIC	19990821	4	52.25	51.98582
DHIC	19990821	5	59.875	60.77072
DHIC	19990821	6	67	68.55356
DHIC	19990821	7	74.125	75.41187
DHIC	19990821	8	80.75	81.02431
DHIC	19990821	9	85.375	84.04272
DHIC	19990821	10	88.25	84.17
DHIC	19990821	11	88.125	81.61581
DHIC	19990821	12	86.75	76.77185
DHIC	19990821	13	83.5	70.22974
DHIC	19990821	14	78.25	63.27875
DHIC	19990821	15	75.125	56.44972
DHIC	19990821	16	71.5	49.71839
DHIC	19990821	17	67.25	43.99922
DHIC	19990821	18	62.5	39.54588
DHIC	19990821	19	58.125	36.12654
DHIC	19990821	20	52.875	33.67244
DHIC	19990821	21	48.875	32.24448
DHIC	19990821	22	46	31.30471
DHIC	19990821	23	40.75	30.96915
DHIC	19990822	0	36.875	31.73014

DHIC	19990822	1	34.25	34.7113
DHIC	19990822	2	33	39.8313
DHIC	19990822	3	35.125	46.55153
DHIC	19990822	4	39.875	53.99267
DHIC	19990822	5	45.875	60.93607
DHIC	19990822	6	53.625	67.42873
DHIC	19990822	7	61.5	74.29697
DHIC	19990822	8	68.75	79.46011
DHIC	19990822	9	74.375	81.0445
DHIC	19990822	10	78.5	78.7765
DHIC	19990822	11	78.75	73.92381
DHIC	19990822	12	75.5	67.5203
DHIC	19990822	13	69	60.99645
DHIC	19990822	14	61.625	54.81728
DHIC	19990822	15	54.875	48.29404
DHIC	19990822	16	48.375	42.91171
DHIC	19990822	17	42.125	38.20071
DHIC	19990822	18	36.25	34.08926
DHIC	19990822	19	31.125	30.70557
DHIC	19990822	20	26.875	28.31943
DHIC	19990822	21	23.875	26.67939
DHIC	19990822	22	20.625	24.72581
DHIC	19990822	23	16.875	21.79005
DHIC	19990823	0	14.125	18.99603
DHIC	19990823	1	12.75	17.32774
DHIC	19990823	2	11	19.46837
DHIC	19990823	3	10	23.90886
DHIC	19990823	4	10.5	29.4365
DHIC	19990823	5	13.875	35.60502
DHIC	19990823	6	19	42.63082
DHIC	19990823	7	24.625	50.41473
DHIC	19990823	8	29.25	57.48101
DHIC	19990823	9	32.5	63.06832
DHIC	19990823	10	35.125	64.17728
DHIC	19990823	11	36.75	61.60756
DHIC	19990823	12	35.5	56.57214
DHIC	19990823	13	32.125	50.18435
DHIC	19990823	14	30.75	43.11596
DHIC	19990823	15	27.875	36.38932
DHIC	19990823	16	24.125	30.52796
DHIC	19990823	17	19.5	25.54795
DHIC	19990823	18	15.625	21.71542
DHIC	19990823	19	13.625	19.54297
DHIC	19990823	20	12.875	18.87269
DHIC	19990823	21	12.25	18.9014
DHIC	19990823	22	8.5	18.73989
DHIC	19990823	23	5.75	17.79598
DHIC	19990824	0	4.375	16.87993
DHIC	19990824	1	5.625	17.14695
DHIC	19990824	2	7.875	18.6855
DHIC	19990824	3	9.875	21.70149

DHIC	19990824	4	15.25	26.28492
DHIC	19990824	5	23.75	32.73007
DHIC	19990824	6	33.375	41.29374
DHIC	19990824	7	44.125	51.19079
DHIC	19990824	8	55.125	60.23804
DHIC	19990824	9	65.75	65.28658
DHIC	19990824	10	70.75	65.70983
DHIC	19990824	11	71.75	63.49523
DHIC	19990824	12	66.75	59.38443
DHIC	19990824	13	60.375	52.41261
DHIC	19990824	14	54.125	42.75657
DHIC	19990824	15	47.625	31.83532
DHIC	19990824	16	41.875	21.45737
DHIC	19990824	17	35.625	13.71942
DHIC	19990824	18	32.75	9.261592
DHIC	19990824	19	29	6.617657
DHIC	19990824	20	28.25	5.014575
DHIC	19990824	21	26	4.649234
DHIC	19990824	22	22.625	4.833179
DHIC	19990824	23	18.375	5.477183
DHIC	19990825	0	13.375	6.446057
DHIC	19990825	1	11	8.334311
DHIC	19990825	2	11.5	11.80766
DHIC	19990825	3	19.375	15.89672
DHIC	19990825	4	29.125	21.75838
DHIC	19990825	5	39.625	30.0321
DHIC	19990825	6	50.5	39.89145
DHIC	19990825	7	61.875	49.65115
DHIC	19990825	8	72.75	58.14819
DHIC	19990825	9	80.5	64.5496
DHIC	19990825	10	85.75	67.64092
DHIC	19990825	11	84.125	66.63754
DHIC	19990825	12	78.125	60.5415
DHIC	19990825	13	67.75	51.02504
DHIC	19990825	14	56.875	41.00235
DHIC	19990825	15	45.875	31.53738
DHIC	19990825	16	35.875	23.4874
DHIC	19990825	17	25.75	17.00234
DHIC	19990825	18	15.75	12.54169
DHIC	19990825	19	8.5	11.02588
DHIC	19990825	20	4.625	12.28106
DHIC	19990825	21	4.5	14.4273
DHIC	19990825	22	4.5	15.24627
DHIC	19990825	23	4.125	15.08663
DHIC	19990826	0	3	14.49903
DHIC	19990826	1	3.375	14.07346
DHIC	19990826	2	6.125	16.1104
DHIC	19990826	3	13.375	22.97932
DHIC	19990826	4	23.125	32.94008
DHIC	19990826	5	34.375	44.4444
DHIC	19990826	6	45.375	56.38363

DHIC	19990826	7	56.125	67.26272
DHIC	19990826	8	66.125	76.94925
DHIC	19990826	9	74	85.5733
DHIC	19990826	10	78.125	90.56294
DHIC	19990826	11	77.5	87.75163
DHIC	19990826	12	70.625	78.33793
DHIC	19990826	13	60.875	65.6296
DHIC	19990826	14	51.625	53.0658
DHIC	19990826	15	44.875	42.40532
DHIC	19990826	16	39.25	33.32814
DHIC	19990826	17	31.375	25.23626
DHIC	19990826	18	24.625	18.20672
DHIC	19990826	19	21	14.13375
DHIC	19990826	20	20	13.70841
DHIC	19990826	21	21.125	15.44128
DHIC	19990826	22	19.875	17.25027
DHIC	19990826	23	15.875	17.68047
DHIC	19990827	0	11.375	17.81582
DHIC	19990827	1	13.625	18.51147
DHIC	19990827	2	19.5	22.87933
DHIC	19990827	3	24.375	29.84468
DHIC	19990827	4	30.625	37.41765
DHIC	19990827	5	37.375	45.19935
DHIC	19990827	6	47.625	53.55775
DHIC	19990827	7	58.375	62.78333
DHIC	19990827	8	68.625	70.71241
DHIC	19990827	9	74.25	76.67978
DHIC	19990827	10	75.125	78.28531
DHIC	19990827	11	73.125	75.70432
DHIC	19990827	12	69.375	70.16323
DHIC	19990827	13	65.75	63.13929
DHIC	19990827	14	60	55.48891
DHIC	19990827	15	53.625	47.8403
DHIC	19990827	16	47.75	41.01683
DHIC	19990827	17	42	35.17938
DHIC	19990827	18	37.125	30.11268
DHIC	19990827	19	33.5	26.40297
DHIC	19990827	20	31.625	25.54746
DHIC	19990827	21	28.875	26.25774
DHIC	19990827	22	26.125	27.29835
DHIC	19990827	23	23.75	27.56481
DHIC	19990828	0	22.25	27.28279
DHIC	19990828	1	22.375	28.62006
DHIC	19990828	2	25.375	32.79057
DHIC	19990828	3	30.625	40.332
DHIC	19990828	4	36.875	48.91533
DHIC	19990828	5	42.5	57.70342
DHIC	19990828	6	50	67.1824
DHIC	19990828	7	59	77.26622
DHIC	19990828	8	66.75	86.24587
DHIC	19990828	9	73.625	90.07533

DHIC	19990828	10	78.25	88.23299
DHIC	19990828	11	79.875	81.5052
DHIC	19990828	12	78.125	72.0846
DHIC	19990828	13	75.375	60.76072
DHIC	19990828	14	74	47.97677
DHIC	19990828	15	68.75	35.63614
DHIC	19990828	16	62.875	25.66261
DHIC	19990828	17	56.125	19.87727
DHIC	19990828	18	51	17.29786
DHIC	19990828	19	46.625	16.53757
DHIC	19990828	20	45.125	16.67691
DHIC	19990828	21	42.375	17.9586
DHIC	19990828	22	35.125	20.11404
DHIC	19990828	23	33.75	22.11126
DHIC	19990829	0	33.75	24.57097
DHIC	19990829	1	36.5	29.27028
DHIC	19990829	2	39.625	37.08291
DHIC	19990829	3	44.75	47.2332
DHIC	19990829	4	49.875	57.61758
DHIC	19990829	5	58	67.68168
DHIC	19990829	6	68.5	75.89928
DHIC	19990829	7	75.375	82.67639
DHIC	19990829	8	81.75	88.28226
DHIC	19990829	9	85.75	90.63801
DHIC	19990829	10	87	87.83327
DHIC	19990829	11	85.5	80.45681
DHIC	19990829	12	80.625	71.26284
DHIC	19990829	13	75.125	61.685
DHIC	19990829	14	70	53.73037
DHIC	19990829	15	64.75	47.57081
DHIC	19990829	16	58	42.1537
DHIC	19990829	17	50.125	37.38722
DHIC	19990829	18	43.625	34.32925
DHIC	19990829	19	36.25	33.54728
DHIC	19990829	20	30.125	34.29849
DHIC	19990829	21	24.375	35.12861
DHIC	19990829	22	17.875	34.57262
DHIC	19990829	23	12.25	31.87205
DHIC	19990830	0	9	29.06541
DHIC	19990830	1	10.5	27.15702
DHIC	19990830	2	14	27.36489
DHIC	19990830	3	23.25	30.96128
DHIC	19990830	4	34.75	38.05129
DHIC	19990830	5	46.75	46.44783
DHIC	19990830	6	59.125	55.55251
DHIC	19990830	7	70.875	65.65178
DHIC	19990830	8	79.375	74.14052
DHIC	19990830	9	85	80.08061
DHIC	19990830	10	88.625	82.27935
DHIC	19990830	11	88.125	78.64462
DHIC	19990830	12	84.875	69.55871

DHIC	19990830	13	80.25	58.69446
DHIC	19990830	14	71.75	47.9147
DHIC	19990830	15	60.125	37.90324
DHIC	19990830	16	50.125	29.77017
DHIC	19990830	17	41.625	24.1105
DHIC	19990830	18	36.125	21.141
DHIC	19990830	19	30	21.3791
DHIC	19990830	20	27.375	24.07683
DHIC	19990830	21	25	27.59008
DHIC	19990830	22	24.125	30.51251
DHIC	19990830	23	25.875	31.25821
DHIC	19990831	0	29.75	31.21589
DHIC	19990831	1	34.5	30.75227
DHIC	19990831	2	37.5	32.21415
DHIC	19990831	3	43.625	36.62639
DHIC	19990831	4	48.75	42.15163
DHIC	19990831	5	55.625	47.88347
DHIC	19990831	6	64.125	54.55172
DHIC	19990831	7	72.5	63.07041
DHIC	19990831	8	78.625	71.06865
DHIC	19990831	9	80.625	77.44675
DHIC	19990831	10	81.125	79.36865
DHIC	19990831	11	78.5	75.41139
DHIC	19990831	12	74.5	67.95786
DHIC	19990831	13	69.5	59.14572
DHIC	19990831	14	63.375	50.17342
DHIC	19990831	15	56.625	42.2285
DHIC	19990831	16	50	35.87148
DHIC	19990831	17	44.375	31.65427
DHIC	19990831	18	38.375	30.10473
DHIC	19990831	19	34.875	31.04376
DHIC	19990831	20	32	34.31603
DHIC	19990831	21	27.5	39.16762
DHIC	19990831	22	23.625	44.048
DHIC	19990831	23	20.25	46.94502
DHIC	19990901	0	19	48.62207
DHIC	19990901	1	20.75	50.64251
DHIC	19990901	2	24.875	53.20951
DHIC	19990901	3	29.625	57.29748
DHIC	19990901	4	36.375	62.04421
DHIC	19990901	5		
DHIC	19990901	6		
DHIC	19990901	7		
DHIC	19990901	8		
DHIC	19990901	9		
DHIC	19990901	10		
DHIC	19990901	11		
DHIC	19990901	12		
DHIC	19990901	13	57.875	57.65144
DHIC	19990901	14	55	51.5528
DHIC	19990901	15	51	46.36281

DHIC	19990901	16	46.75	42.04926
DHIC	19990901	17		
DHIC	19990901	18		
DHIC	19990901	19		
DHIC	19990901	20		
DHIC	19990901	21		
DHIC	19990901	22		
DHIC	19990901	23		
FRIC	19990813	0	18.5	23.38487
FRIC	19990813	1	15.875	22.10326
FRIC	19990813	2	14.625	22.45687
FRIC	19990813	3	14.75	24.33597
FRIC	19990813	4	16	27.8118
FRIC	19990813	5	19	32.8354
FRIC	19990813	6	23.25	39.07361
FRIC	19990813	7	30	46.16895
FRIC	19990813	8	38.625	52.93634
FRIC	19990813	9	48.375	58.72649
FRIC	19990813	10	57.75	62.88744
FRIC	19990813	11	61.625	65.47269
FRIC	19990813	12	63.125	65.03679
FRIC	19990813	13	65.625	61.64497
FRIC	19990813	14	67.375	56.65374
FRIC	19990813	15	66.75	50.86879
FRIC	19990813	16	63.25	44.79659
FRIC	19990813	17	58.5	38.87228
FRIC	19990813	18	53.25	33.58105
FRIC	19990813	19	51.875	28.75747
FRIC	19990813	20	51.125	25.91197
FRIC	19990813	21	47	25.24293
FRIC	19990813	22	43.25	26.09829
FRIC	19990813	23	39.5	26.94141
FRIC	19990814	0	37.625	28.12756
FRIC	19990814	1	37.375	31.19657
FRIC	19990814	2	38.75	35.60706
FRIC	19990814	3	42.25	40.73562
FRIC	19990814	4	47.375	45.92417
FRIC	19990814	5	52.875	50.66577
FRIC	19990814	6	58.25	54.56294
FRIC	19990814	7	64.5	58.7092
FRIC	19990814	8	69.875	62.48275
FRIC	19990814	9	73.875	64.21476
FRIC	19990814	10	76.75	64.41488
FRIC	19990814	11	78.25	63.11854
FRIC	19990814	12	77	60.17409
FRIC	19990814	13	74.5	56.5182
FRIC	19990814	14	71.625	52.15129
FRIC	19990814	15	68.375	47.07431
FRIC	19990814	16	65	41.74081
FRIC	19990814	17	61.875	36.64361
FRIC	19990814	18		

FRIC	19990814	19		
FRIC	19990814	20		
FRIC	19990814	21		
FRIC	19990814	22		
FRIC	19990814	23		
FRIC	19990815	0		
FRIC	19990815	1		
FRIC	19990815	2		
FRIC	19990815	3	44.25	42.89731
FRIC	19990815	4	47.875	50.59582
FRIC	19990815	5	52.5	57.98982
FRIC	19990815	6	58.625	64.77665
FRIC	19990815	7	65.25	71.26741
FRIC	19990815	8	71.125	76.15732
FRIC	19990815	9	74.875	78.0809
FRIC	19990815	10	76.75	77.56944
FRIC	19990815	11	76.625	74.66922
FRIC	19990815	12	74.375	70.20168
FRIC	19990815	13	70.75	66.80196
FRIC	19990815	14	66.625	64.18837
FRIC	19990815	15	63.875	61.61551
FRIC	19990815	16	60.75	59.28826
FRIC	19990815	17	57.5	56.10802
FRIC	19990815	18	54.25	52.45221
FRIC	19990815	19	51.375	49.09514
FRIC	19990815	20	49.125	46.13185
FRIC	19990815	21	47	41.88566
FRIC	19990815	22	44	37.14212
FRIC	19990815	23	37.625	32.32014
FRIC	19990816	0	33.375	27.96199
FRIC	19990816	1	32.25	26.92064
FRIC	19990816	2	33.75	28.39894
FRIC	19990816	3	37.25	32.43142
FRIC	19990816	4	42.75	38.59436
FRIC	19990816	5	50	46.45803
FRIC	19990816	6	58.375	54.97754
FRIC	19990816	7	68.125	63.77883
FRIC	19990816	8	75.625	71.4444
FRIC	19990816	9	80.875	76.29885
FRIC	19990816	10	83.625	78.88777
FRIC	19990816	11	83.625	78.47134
FRIC	19990816	12	80.875	75.40106
FRIC	19990816	13	76.625	70.64809
FRIC	19990816	14	72.5	65.67557
FRIC	19990816	15	68.25	61.70371
FRIC	19990816	16	63.875	59.95635
FRIC	19990816	17	59.25	59.23594
FRIC	19990816	18	56	58.49509
FRIC	19990816	19	52.75	57.60922
FRIC	19990816	20	49.75	56.52729
FRIC	19990816	21	47.25	54.5849

FRIC	19990816	22	42.875	51.39951
FRIC	19990816	23	37.625	46.33111
FRIC	19990817	0	33.75	40.25402
FRIC	19990817	1	34.875	35.235
FRIC	19990817	2	38	32.3325
FRIC	19990817	3	42.25	33.03495
FRIC	19990817	4	50.125	36.75199
FRIC	19990817	5	60.75	42.81285
FRIC	19990817	6	74.5	50.67046
FRIC	19990817	7	91.125	59.67901
FRIC	19990817	8	106.75	68.03631
FRIC	19990817	9	118.375	74.36407
FRIC	19990817	10	125	78.0408
FRIC	19990817	11	126.25	77.19512
FRIC	19990817	12	123	72.66814
FRIC	19990817	13	116.125	65.33076
FRIC	19990817	14	107.5	56.31865
FRIC	19990817	15	96.5	47.7635
FRIC	19990817	16	84.75	39.99004
FRIC	19990817	17	71.375	32.75691
FRIC	19990817	18		
FRIC	19990817	19		
FRIC	19990817	20		
FRIC	19990817	21		
FRIC	19990817	22		
FRIC	19990817	23		
FRIC	19990818	0		
FRIC	19990818	1		
FRIC	19990818	2		
FRIC	19990818	3	36.125	25.4523
FRIC	19990818	4	42.5	33.98484
FRIC	19990818	5	50.625	45.24528
FRIC	19990818	6	62.5	58.08992
FRIC	19990818	7	77.5	71.53451
FRIC	19990818	8	91.125	84.66801
FRIC	19990818	9	101.5	96.01843
FRIC	19990818	10	109.875	104.6764
FRIC	19990818	11	116	109.0774
FRIC	19990818	12	114.75	108.4034
FRIC	19990818	13	110.375	102.885
FRIC	19990818	14	104.25	94.61732
FRIC	19990818	15	95.5	84.37496
FRIC	19990818	16	84.875	72.65075
FRIC	19990818	17	71.625	60.28843
FRIC	19990818	18	58.5	48.24305
FRIC	19990818	19	45.625	37.67297
FRIC	19990818	20	38.25	29.44056
FRIC	19990818	21	32	23.64945
FRIC	19990818	22	25.75	19.32482
FRIC	19990818	23	19.25	16.35865
FRIC	19990819	0	17	15.49902

FRIC	19990819	1	17.875	17.70134
FRIC	19990819	2	21.75	23.30465
FRIC	19990819	3	26.75	31.40951
FRIC	19990819	4	32.125	40.38847
FRIC	19990819	5	39.5	48.89846
FRIC	19990819	6	47.75	57.15229
FRIC	19990819	7	57	65.26063
FRIC	19990819	8	63.5	72.47098
FRIC	19990819	9	70.125	77.216
FRIC	19990819	10	74.375	78.42507
FRIC	19990819	11	76	76.54224
FRIC	19990819	12	76.625	73.0863
FRIC	19990819	13	75.375	70.08035
FRIC	19990819	14	73.75	66.6144
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FWMC	19990818	18	28	37.20367
FWMC	19990818	19	25.5	34.16706
FWMC	19990818	20	25.875	34.49998
FWMC	19990818	21	27.625	36.56016
FWMC	19990818	22	29.125	38.06894
FWMC	19990818	23	27.625	37.46343
FWMC	19990819	0	25.125	35.67639
FWMC	19990819	1	25.875	35.53171
FWMC	19990819	2	27.375	37.99218
FWMC	19990819	3	30.375	41.89949
FWMC	19990819	4	35.875	46.78747
FWMC	19990819	5	42.75	52.89117
FWMC	19990819	6	51.125	60.55622
FWMC	19990819	7	60.625	70.05913
FWMC	19990819	8	69.75	79.47952
FWMC	19990819	9	74.375	85.40791
FWMC	19990819	10	77	86.94327
FWMC	19990819	11	76	85.24126
FWMC	19990819	12	72.25	80.11806
FWMC	19990819	13	65.375	75.0529
FWMC	19990819	14	58.875	69.44126
FWMC	19990819	15	50.875	63.47317
FWMC	19990819	16	43.75	57.68284
FWMC	19990819	17	37.625	53.08797
FWMC	19990819	18	32.25	50.31583
FWMC	19990819	19	28.625	49.40886
FWMC	19990819	20	24	51.01551
FWMC	19990819	21	21.75	51.39549
FWMC	19990819	22	18.125	50.85717
FWMC	19990819	23	16.75	48.4159
FWMC	19990820	0	15.375	46.00674
FWMC	19990820	1	16.375	44.8327
FWMC	19990820	2	19	44.4464
FWMC	19990820	3	22.75	45.33567
FWMC	19990820	4	31.25	47.33345
FWMC	19990820	5	41.75	50.12169
FWMC	19990820	6	52.75	54.04884

FWMC	19990820	7	63.125	60.20614
FWMC	19990820	8	71.25	66.11981
FWMC	19990820	9	76.75	70.03874
FWMC	19990820	10	81.125	71.78704
FWMC	19990820	11	83.25	70.87804
FWMC	19990820	12	78.125	66.98312
FWMC	19990820	13	69.75	61.4226
FWMC	19990820	14	61.375	54.49387
FWMC	19990820	15	53.875	46.27587
FWMC	19990820	16	46.875	37.64537
FWMC	19990820	17	38.5	29.54864
FWMC	19990820	18	28.5	22.54043
FWMC	19990820	19	19.625	16.89988
FWMC	19990820	20	15.125	13.39018
FWMC	19990820	21	12.5	11.28647
FWMC	19990820	22	9.5	10.42939
FWMC	19990820	23	5.75	11.07753
FWMC	19990821	0	3.375	13.17037
FWMC	19990821	1	5.25	17.52938
FWMC	19990821	2	12.5	24.53245
FWMC	19990821	3	22.5	33.67541
FWMC	19990821	4	33.75	43.7386
FWMC	19990821	5	45.75	54.21598
FWMC	19990821	6	59	64.70568
FWMC	19990821	7	71.75	74.76955
FWMC	19990821	8	84.75	83.63138
FWMC	19990821	9	93.25	88.89619
FWMC	19990821	10	95.375	90.0519
FWMC	19990821	11	95.375	87.911
FWMC	19990821	12	92	83.0465
FWMC	19990821	13	85.125	76.0719
FWMC	19990821	14	74.5	68.19037
FWMC	19990821	15	64.125	59.8308
FWMC	19990821	16	54.25	51.54049
FWMC	19990821	17	46.875	44.82099
FWMC	19990821	18		
FWMC	19990821	19		
FWMC	19990821	20		
FWMC	19990821	21		
FWMC	19990821	22		
FWMC	19990821	23		
FWMC	19990822	0		
FWMC	19990822	1		
FWMC	19990822	2		
FWMC	19990822	3	33.75	48.11255
FWMC	19990822	4	39.125	54.31431
FWMC	19990822	5	45.625	59.94137
FWMC	19990822	6	53	65.78922
FWMC	19990822	7	60.375	72.46072
FWMC	19990822	8	66.625	78.38102
FWMC	19990822	9	70.875	80.83776

FWMC	19990822	10	72.375	80.0444
FWMC	19990822	11	71.5	77.38551
FWMC	19990822	12	68.875	72.95687
FWMC	19990822	13	63.375	68.28883
FWMC	19990822	14	56.375	63.32613
FWMC	19990822	15	48.75	57.30188
FWMC	19990822	16	42.875	51.5733
FWMC	19990822	17	38.125	46.54436
FWMC	19990822	18	33.375	42.21189
FWMC	19990822	19	29	38.77841
FWMC	19990822	20	25.625	36.68188
FWMC	19990822	21	24	35.68061
FWMC	19990822	22	23	34.72064
FWMC	19990822	23	22.25	32.37291
FWMC	19990823	0	20.5	29.78719
FWMC	19990823	1	18.5	29.76392
FWMC	19990823	2	17.375	32.84987
FWMC	19990823	3	17.375	37.07728
FWMC	19990823	4	18.125	41.43461
FWMC	19990823	5	20	45.98433
FWMC	19990823	6	23.375	51.05593
FWMC	19990823	7	27.5	57.42736
FWMC	19990823	8	31.5	63.75439
FWMC	19990823	9	34.25	67.33845
FWMC	19990823	10	36.625	67.02842
FWMC	19990823	11	37.375	64.62759
FWMC	19990823	12	37	61.23599
FWMC	19990823	13	35.5	57.06916
FWMC	19990823	14	34.25	52.36691
FWMC	19990823	15	32.5	47.65513
FWMC	19990823	16	30.625	43.21055
FWMC	19990823	17	28.625	39.39543
FWMC	19990823	18	25.875	36.64688
FWMC	19990823	19	23.875	34.8345
FWMC	19990823	20	22	33.73806
FWMC	19990823	21	20.5	32.94648
FWMC	19990823	22	17.375	31.89028
FWMC	19990823	23	14.375	29.61805
FWMC	19990824	0	12.25	27.49268
FWMC	19990824	1	11.875	27.15054
FWMC	19990824	2	13.375	28.10645
FWMC	19990824	3	15.375	30.19586
FWMC	19990824	4	18.625	33.28916
FWMC	19990824	5	23.25	37.46906
FWMC	19990824	6	29.75	43.07729
FWMC	19990824	7	37.75	50.33092
FWMC	19990824	8	46.125	57.10782
FWMC	19990824	9	52.5	61.17477
FWMC	19990824	10	56.125	62.64529
FWMC	19990824	11	58.375	61.64708
FWMC	19990824	12	57.75	57.9278

FWMC	19990824	13	54.5	51.22879
FWMC	19990824	14	52.25	42.79432
FWMC	19990824	15	48.75	33.66808
FWMC	19990824	16	43.5	25.07089
FWMC	19990824	17	36.625	17.18963
FWMC	19990824	18		
FWMC	19990824	19		
FWMC	19990824	20		
FWMC	19990824	21		
FWMC	19990824	22		
FWMC	19990824	23		
FWMC	19990825	0		
FWMC	19990825	1		
FWMC	19990825	2		
FWMC	19990825	3	16.5	13.66569
FWMC	19990825	4	23.75	21.29923
FWMC	19990825	5	34.125	29.98317
FWMC	19990825	6	46.75	40.05075
FWMC	19990825	7	61.125	50.8837
FWMC	19990825	8	75.75	61.59415
FWMC	19990825	9	88.75	70.42681
FWMC	19990825	10	97.125	77.82914
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FWMC	19990825	12		
FWMC	19990825	13		
FWMC	19990825	14		
FWMC	19990825	15		
FWMC	19990825	16		
FWMC	19990825	17		
FWMC	19990825	18		
FWMC	19990825	19		
FWMC	19990825	20		
FWMC	19990825	21	23.125	37.09288
FWMC	19990825	22	24.125	37.1281
FWMC	19990825	23	25.25	34.20562
FWMC	19990826	0	26.375	29.62491
FWMC	19990826	1	27.75	25.36301
FWMC	19990826	2	29.125	22.46782
FWMC	19990826	3	31.75	21.34017
FWMC	19990826	4	35.375	22.02064
FWMC	19990826	5	40.375	23.74395
FWMC	19990826	6	47.375	26.69893
FWMC	19990826	7	55	31.72905
FWMC	19990826	8	60.375	37.87733
FWMC	19990826	9	63.875	43.76273
FWMC	19990826	10	65.625	48.20023
FWMC	19990826	11	64.75	49.46052
FWMC	19990826	12	61.375	46.72682
FWMC	19990826	13	57.5	42.17941
FWMC	19990826	14	54.125	37.15495
FWMC	19990826	15	51.375	32.1049

FWMC	19990826	16	49.75	26.70872
FWMC	19990826	17	48.625	21.27448
FWMC	19990826	18	47	15.9499
FWMC	19990826	19	45.5	12.04557
FWMC	19990826	20	45.5	10.83281
FWMC	19990826	21	44.375	11.16293
FWMC	19990826	22	41.375	12.3916
FWMC	19990826	23	36.375	13.50054
FWMC	19990827	0	31.125	13.85109
FWMC	19990827	1	26.875	14.28143
FWMC	19990827	2	24.25	16.04987
FWMC	19990827	3	25.125	20.09277
FWMC	19990827	4	29.875	27.19389
FWMC	19990827	5	37.25	35.31345
FWMC	19990827	6	47	43.57503
FWMC	19990827	7	58	52.01004
FWMC	19990827	8	65.375	60.62644
FWMC	19990827	9	72.125	68.13895
FWMC	19990827	10	76	72.95168
FWMC	19990827	11	75.625	73.93483
FWMC	19990827	12	68.75	69.97813
FWMC	19990827	13	60.375	63.86104
FWMC	19990827	14	53	56.66682
FWMC	19990827	15	46.375	49.12492
FWMC	19990827	16	43.375	41.63056
FWMC	19990827	17	40.125	34.91063
FWMC	19990827	18	38.625	29.85427
FWMC	19990827	19	38.375	26.3547
FWMC	19990827	20	40.5	24.38763
FWMC	19990827	21	42.25	23.55774
FWMC	19990827	22	40.25	23.5467
FWMC	19990827	23	36.625	23.37867
FWMC	19990828	0	33.625	23.16056
FWMC	19990828	1	32	24.18593
FWMC	19990828	2	32.375	28.54526
FWMC	19990828	3	34.5	35.32031
FWMC	19990828	4	38.125	42.67757
FWMC	19990828	5	43.375	49.85233
FWMC	19990828	6	50.875	56.72153
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FWMC	19990828	8	66	71.30784
FWMC	19990828	9	72.625	76.42143
FWMC	19990828	10	77	76.59743
FWMC	19990828	11	78.625	72.9673
FWMC	19990828	12	76.875	67.86289
FWMC	19990828	13	70.625	61.77817
FWMC	19990828	14	61.875	54.77296
FWMC	19990828	15	54.25	47.63603
FWMC	19990828	16	49.375	41.2086
FWMC	19990828	17	43.25	36.26444
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FWMC	19990828	20		
FWMC	19990828	21		
FWMC	19990828	22		
FWMC	19990828	23		
FWMC	19990829	0		
FWMC	19990829	1		
FWMC	19990829	2		
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FWMC	19990829	4	48	48.68496
FWMC	19990829	5	54.625	56.4203
FWMC	19990829	6	63.125	63.45074
FWMC	19990829	7	71.875	70.32273
FWMC	19990829	8	78.75	76.90398
FWMC	19990829	9	84.25	81.63882
FWMC	19990829	10	88	82.09506
FWMC	19990829	11	88	78.36187
FWMC	19990829	12	83.875	71.82259
FWMC	19990829	13	77.375	65.43049
FWMC	19990829	14	68.25	59.54021
FWMC	19990829	15	59	54.08231
FWMC	19990829	16	51.625	48.59429
FWMC	19990829	17	42.75	42.84586
FWMC	19990829	18	34.25	37.90486
FWMC	19990829	19	27.125	33.69706
FWMC	19990829	20	22.75	30.60403
FWMC	19990829	21	18.625	27.8028
FWMC	19990829	22	16.5	24.69247
FWMC	19990829	23	13.625	21.0549
FWMC	19990830	0	9.375	17.8386
FWMC	19990830	1	8.5	15.28176
FWMC	19990830	2	9.625	15.24547
FWMC	19990830	3	14.25	18.48533
FWMC	19990830	4	23.375	25.93292
FWMC	19990830	5	36.125	36.01374
FWMC	19990830	6	49.5	48.03241
FWMC	19990830	7	62.625	61.62745
FWMC	19990830	8	75.5	74.96786
FWMC	19990830	9	85.875	86.744
FWMC	19990830	10	92.125	93.79935
FWMC	19990830	11	93.5	95.25716
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FWMC	19990830	13	77.125	76.87586
FWMC	19990830	14	64.125	62.9591
FWMC	19990830	15	51.5	48.74637
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FWMC	19990830	17	26.75	22.61448
FWMC	19990830	18	16.75	12.89094
FWMC	19990830	19	8.5	5.997755
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FWMC	19990830	21	1.5	5.123219

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FWMC	19990830	23		
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FWMC	19990831	3		
FWMC	19990831	4		
FWMC	19990831	5		
FWMC	19990831	6		
FWMC	19990831	7	65.5	69.46737
FWMC	19990831	8	76.375	79.89848
FWMC	19990831	9	85.25	88.17876
FWMC	19990831	10	90	91.012
FWMC	19990831	11	89.625	87.72836
FWMC	19990831	12	84.5	79.56028
FWMC	19990831	13	76.5	68.63773
FWMC	19990831	14	67.125	56.75354
FWMC	19990831	15	57.875	45.12682
FWMC	19990831	16	48	34.97789
FWMC	19990831	17	40.625	27.11967
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FWMC	19990901	5		
FWMC	19990901	6		
FWMC	19990901	7		
FWMC	19990901	8		
FWMC	19990901	9		
FWMC	19990901	10		
FWMC	19990901	11	72.125	80.30054
FWMC	19990901	12	68.25	73.66006
FWMC	19990901	13	63.125	66.19826
FWMC	19990901	14	57	58.2453
FWMC	19990901	15	51.375	50.37
FWMC	19990901	16	46.625	43.37796
FWMC	19990901	17		
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FWMC	19990901	20		
FWMC	19990901	21		
FWMC	19990901	22		
FWMC	19990901	23		
KELC	19990813	0	17.125	26.90352

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KELC	19990813	2	16.375	26.24746
KELC	19990813	3	17.25	28.28969
KELC	19990813	4	18.375	31.58809
KELC	19990813	5	20.375	35.87582
KELC	19990813	6	24.625	41.37465
KELC	19990813	7	31.125	48.24853
KELC	19990813	8	39.125	55.36736
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KELC	19990813	10	53.125	65.04873
KELC	19990813	11	55.875	64.44881
KELC	19990813	12	54.875	59.90383
KELC	19990813	13	52.75	54.06121
KELC	19990813	14	51	47.65624
KELC	19990813	15	50.75	40.56654
KELC	19990813	16	48.125	32.65621
KELC	19990813	17	43.875	25.27369
KELC	19990813	18	39.125	19.09319
KELC	19990813	19	37.875	16.12335
KELC	19990813	20	39.625	16.18461
KELC	19990813	21	41.125	16.89154
KELC	19990813	22	40.5	17.57406
KELC	19990813	23	35.875	18.36423
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KELC	19990814	1	31.75	25.47706
KELC	19990814	2	34.5	31.73566
KELC	19990814	3	38.25	39.70403
KELC	19990814	4	44.375	48.25113
KELC	19990814	5	52	56.89849
KELC	19990814	6	59.75	65.51794
KELC	19990814	7	68.625	73.99707
KELC	19990814	8	76.875	80.87674
KELC	19990814	9	82.625	84.67131
KELC	19990814	10	85.75	85.63319
KELC	19990814	11	86.125	83.07374
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KELC	19990814	13	79.125	70.4994
KELC	19990814	14	73.625	61.96015
KELC	19990814	15	66.625	51.77569
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KELC	19990815	3	43	41.10036

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KELC	19990815	5	55.625	63.60124
KELC	19990815	6	64.375	73.8539
KELC	19990815	7	74.125	83.59972
KELC	19990815	8	83.375	92.21886
KELC	19990815	9	90.875	97.49912
KELC	19990815	10	96	98.74696
KELC	19990815	11	97.875	96.25571
KELC	19990815	12	96.75	90.86494
KELC	19990815	13	92	84.48835
KELC	19990815	14	83.125	78.05692
KELC	19990815	15	73.75	71.69407
KELC	19990815	16	66.125	65.51053
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KELC	19990815	19	39.875	47.56222
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KELC	19990815	21	31.375	42.26281
KELC	19990815	22	30	39.0381
KELC	19990815	23	27.625	34.69309
KELC	19990816	0	24.625	30.32253
KELC	19990816	1	24.5	29.12046
KELC	19990816	2	27.125	30.48863
KELC	19990816	3	33	33.76244
KELC	19990816	4	40	38.79052
KELC	19990816	5	48.5	45.56912
KELC	19990816	6	59.25	54.46903
KELC	19990816	7	72.25	65.39327
KELC	19990816	8	85.375	76.34438
KELC	19990816	9	96.25	84.26493
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KELC	19990816	12	106.625	86.01395
KELC	19990816	13	101	79.38258
KELC	19990816	14	92.25	70.30723
KELC	19990816	15	81.375	60.80995
KELC	19990816	16	67.75	52.2845
KELC	19990816	17	54.75	44.54306
KELC	19990816	18	43.875	37.91533
KELC	19990816	19	35.75	32.82924
KELC	19990816	20	30.25	29.67662
KELC	19990816	21	28	28.1515
KELC	19990816	22	27.75	26.87065
KELC	19990816	23	26.375	24.60801
KELC	19990817	0	27.625	21.75067
KELC	19990817	1	31	20.16341
KELC	19990817	2	36.375	21.38897
KELC	19990817	3	43.625	25.97047
KELC	19990817	4	52.625	32.69873
KELC	19990817	5	61.75	41.17495
KELC	19990817	6	71.25	51.33549

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KELC	19990817	8	92.125	73.12731
KELC	19990817	9	97.625	81.06357
KELC	19990817	10	100.75	85.28951
KELC	19990817	11	100.625	84.16444
KELC	19990817	12	96	79.01501
KELC	19990817	13	88.625	70.80099
KELC	19990817	14	80.5	60.60213
KELC	19990817	15	72.375	49.36002
KELC	19990817	16	64.25	38.74649
KELC	19990817	17	57.625	30.15369
KELC	19990817	18	50.5	23.58476
KELC	19990817	19	44.75	19.88203
KELC	19990817	20	41.375	18.61888
KELC	19990817	21	40.125	19.13099
KELC	19990817	22	38.875	20.76414
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KELC	19990818	22	18.125	22.31393
KELC	19990818	23	15.375	23.05407
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KELC	19990819	8	62.125	80.15492
KELC	19990819	9	65.375	85.70736

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KELC	19990901	23		
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MDLT	19990813	17	38.375	26.31232
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MDLT	19990813	23	33.75	1.51218
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MDLT	19990814	3	46.375	27.58782
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MDLT	19990814	6	68.125	59.78087

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MDLT	19990815	23	54.125	49.94873
MDLT	19990816	0	53.625	46.35512
MDLT	19990816	1	53.125	45.42159
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MDLT	19990816	3	58.875	47.9362
MDLT	19990816	4	62.5	50.46801
MDLT	19990816	5	66.125	53.90583
MDLT	19990816	6	70.5	58.7027
MDLT	19990816	7	74.875	64.56252
MDLT	19990816	8	79.25	71.11169
MDLT	19990816	9	83	75.05598

MDLT	19990816	10	85.25	76.94908
MDLT	19990816	11	85.375	77.19165
MDLT	19990816	12	84.875	76.41817
MDLT	19990816	13	82.75	74.24099
MDLT	19990816	14	79.5	70.57032
MDLT	19990816	15	76.125	65.95142
MDLT	19990816	16	73	61.1456
MDLT	19990816	17	70	56.60514
MDLT	19990816	18	67.125	52.25262
MDLT	19990816	19	65.5	48.41925
MDLT	19990816	20	64.625	44.82914
MDLT	19990816	21	65.125	41.61201
MDLT	19990816	22	65.5	38.62749
MDLT	19990816	23	65.375	35.85728
MDLT	19990817	0	65.5	33.37515
MDLT	19990817	1	67.5	33.67754
MDLT	19990817	2	70.5	35.98961
MDLT	19990817	3	73.5	39.29306
MDLT	19990817	4	76.375	43.32756
MDLT	19990817	5	78.875	48.12213
MDLT	19990817	6	81.25	53.58084
MDLT	19990817	7	84	59.62177
MDLT	19990817	8	85.625	66.23038
MDLT	19990817	9	86.375	70.62753
MDLT	19990817	10	85.25	73.07449
MDLT	19990817	11	84.5	73.75667
MDLT	19990817	12	84.875	73.13211
MDLT	19990817	13	85	71.12425
MDLT	19990817	14	84.625	68.05013
MDLT	19990817	15	84.125	63.9356
MDLT	19990817	16	83.75	58.77757
MDLT	19990817	17	81	53.09116
MDLT	19990817	18		
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MDLT	19990817	22		
MDLT	19990817	23		
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MDLT	19990818	3	55.625	38.91233
MDLT	19990818	4	57.25	43.99344
MDLT	19990818	5	58.875	49.42246
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MDLT	19990818	10	70.125	72.19381
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MDLT	19990818	15	64	58.6513
MDLT	19990818	16	61.125	54.24705
MDLT	19990818	17	56.875	49.82826
MDLT	19990818	18	51.25	45.57476
MDLT	19990818	19	46.375	42.19486
MDLT	19990818	20	43.25	39.73365
MDLT	19990818	21	40.25	37.94174
MDLT	19990818	22	37.75	36.56791
MDLT	19990818	23	35.625	35.34384
MDLT	19990819	0	33.375	33.95645
MDLT	19990819	1	33.125	33.82023
MDLT	19990819	2	37	35.33455
MDLT	19990819	3	43.125	39.12539
MDLT	19990819	4	49.25	44.55975
MDLT	19990819	5	57.75	51.14588
MDLT	19990819	6	67.375	58.97954
MDLT	19990819	7	78.125	68.16937
MDLT	19990819	8	90.25	78.38358
MDLT	19990819	9	100.625	87.40282
MDLT	19990819	10	107.25	93.3344
MDLT	19990819	11	108.375	94.41829
MDLT	19990819	12	105.375	92.2288
MDLT	19990819	13	100.125	88.12009
MDLT	19990819	14	93.5	81.99071
MDLT	19990819	15	83.25	73.12695
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MDLT	19990819	18	56.125	44.09232
MDLT	19990819	19	52	41.0617
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MDLT	19990819	21	49.25	39.93182
MDLT	19990819	22	46.375	40.39264
MDLT	19990819	23	45.5	41.91718
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MDLT	19990820	1	45.25	46.00389
MDLT	19990820	2	46.5	46.79057
MDLT	19990820	3	49.75	47.61086
MDLT	19990820	4	54.375	49.89723
MDLT	19990820	5	60.125	53.88511
MDLT	19990820	6	69.125	59.0594
MDLT	19990820	7	78.625	64.83206
MDLT	19990820	8	86.875	71.17458
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MDLT	19990820	15	79.875	57.16132

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MDLT	19990820	17	65	40.86765
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MDLT	19990820	23	48.5	28.4879
MDLT	19990821	0	50	31.55072
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MDLT	19990821	4	64.375	54.37982
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MDLT	19990821	6	75.375	65.68638
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MDLT	19990821	11	95.5	77.50444
MDLT	19990821	12	93.875	75.90319
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MDLT	19990821	23		
MDLT	19990822	0		
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MDLT	19990822	3	49.75	47.14028
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MDLT	19990822	5	57.25	58.17424
MDLT	19990822	6	62.5	64.53067
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MDLT	19990822	8	73.75	72.23965
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MDLT	19990822	20	51.5	40.35406
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MDLT	19990823	0	29.25	34.46619
MDLT	19990823	1	25.625	35.6865
MDLT	19990823	2	23.5	38.58066
MDLT	19990823	3	22.75	42.21783
MDLT	19990823	4	23.25	46.21421
MDLT	19990823	5	25.125	50.26514
MDLT	19990823	6	28.5	54.17014
MDLT	19990823	7	32.5	57.62189
MDLT	19990823	8	37.25	60.61032
MDLT	19990823	9	41.625	62.27502
MDLT	19990823	10	45.125	62.13408
MDLT	19990823	11	47.25	60.96284
MDLT	19990823	12	48.875	58.93211
MDLT	19990823	13	49.25	56.23325
MDLT	19990823	14	48.125	53.01196
MDLT	19990823	15	46.375	49.4651
MDLT	19990823	16	43.25	45.82196
MDLT	19990823	17	39.75	42.54738
MDLT	19990823	18	36.625	39.81773
MDLT	19990823	19	33.875	37.6374
MDLT	19990823	20	30.75	35.92979
MDLT	19990823	21	27.875	34.51401
MDLT	19990823	22	25.125	33.24718
MDLT	19990823	23	22.25	32.20404
MDLT	19990824	0	20.75	31.38303
MDLT	19990824	1	21.125	31.56028
MDLT	19990824	2	22.25	33.0697
MDLT	19990824	3	24	35.22693
MDLT	19990824	4	26.625	37.83085
MDLT	19990824	5	29	40.94045
MDLT	19990824	6	32.375	44.55421
MDLT	19990824	7	38.125	48.5012
MDLT	19990824	8	43.75	52.55677
MDLT	19990824	9	47.75	55.62048
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MDLT	19990824	12	59.25	57.03447
MDLT	19990824	13	62.25	54.72836
MDLT	19990824	14	64.125	51.32449
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MDLT	19990824	16	61.5	42.20845
MDLT	19990824	17	60.5	37.00849
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MDLT	19990824	21		

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MDLT	19990825	2		
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MDLT	19990825	5		
MDLT	19990825	6		
MDLT	19990825	7		
MDLT	19990825	8		
MDLT	19990825	9		
MDLT	19990825	10		
MDLT	19990825	11		
MDLT	19990825	12	77.5	81.92055
MDLT	19990825	13	74.5	76.18176
MDLT	19990825	14	71.75	68.85922
MDLT	19990825	15	68.875	60.75871
MDLT	19990825	16	66.125	52.6073
MDLT	19990825	17	63.875	45.21188
MDLT	19990825	18	62.375	38.73814
MDLT	19990825	19	59.875	32.90995
MDLT	19990825	20	56.5	28.25069
MDLT	19990825	21	53	24.96556
MDLT	19990825	22	48.875	22.83577
MDLT	19990825	23	44.625	21.82565
MDLT	19990826	0	41	21.5636
MDLT	19990826	1	37.75	21.84034
MDLT	19990826	2	36.25	23.16423
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MDLT	19990826	4	41.25	30.11884
MDLT	19990826	5	46	34.18854
MDLT	19990826	6	51.25	38.1595
MDLT	19990826	7	56.875	42.07348
MDLT	19990826	8	61.875	46.32355
MDLT	19990826	9	66.5	51.18573
MDLT	19990826	10	69.625	55.47288
MDLT	19990826	11	72.375	57.07944
MDLT	19990826	12	72.75	56.86783
MDLT	19990826	13	72.25	55.52992
MDLT	19990826	14	70.75	53.36926
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MDLT	19990826	19	51.5	32.7337
MDLT	19990826	20	46	30.01511
MDLT	19990826	21	41.75	28.13403
MDLT	19990826	22	38.5	26.96009
MDLT	19990826	23	35.125	26.38898
MDLT	19990827	0	31.375	26.74139

MDLT	19990827	1	29.125	28.36117
MDLT	19990827	2	27.375	31.53831
MDLT	19990827	3	30.625	35.38386
MDLT	19990827	4	37.125	38.93409
MDLT	19990827	5	43.875	42.1895
MDLT	19990827	6	51.125	46.24698
MDLT	19990827	7	58.875	50.97554
MDLT	19990827	8	67.25	55.21006
MDLT	19990827	9	75.25	58.36418
MDLT	19990827	10	83.375	59.62201
MDLT	19990827	11	87.25	59.04745
MDLT	19990827	12	86.625	57.98402
MDLT	19990827	13	84.5	56.89326
MDLT	19990827	14	81.375	54.73547
MDLT	19990827	15	77.25	51.59688
MDLT	19990827	16	72.125	48.2921
MDLT	19990827	17	67.625	44.90565
MDLT	19990827	18	63.5	41.79411
MDLT	19990827	19	59.25	39.57548
MDLT	19990827	20	55.75	37.72573
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MDLT	19990827	22	50.125	35.64726
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MDLT	19990828	0	46.5	35.13232
MDLT	19990828	1	45.625	36.78975
MDLT	19990828	2	45.625	40.39596
MDLT	19990828	3	46	45.07503
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MDLT	19990828	5	49.75	55.19687
MDLT	19990828	6	53.625	59.93572
MDLT	19990828	7	58.25	64.73139
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MDLT	19990828	13	72.125	65.04334
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MDLT	19990828	16	68.375	51.37232
MDLT	19990828	17	66.75	46.1627
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MDLT	19990828	22		
MDLT	19990828	23		
MDLT	19990829	0		
MDLT	19990829	1		
MDLT	19990829	2		
MDLT	19990829	3	68.375	36.34702

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MDLT	19990829	5	70.125	53.50523
MDLT	19990829	6	72.25	61.6497
MDLT	19990829	7	74.875	69.13563
MDLT	19990829	8	78.25	75.28108
MDLT	19990829	9	81.25	79.42473
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MDLT	19990829	11	85.125	75.92871
MDLT	19990829	12	84.75	71.05399
MDLT	19990829	13	82.875	66.052
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MDLT	19990829	18	73.625	43.97222
MDLT	19990829	19	71.625	42.02915
MDLT	19990829	20	71.375	40.9333
MDLT	19990829	21	73	40.33173
MDLT	19990829	22	74	40.07472
MDLT	19990829	23	73.25	39.92165
MDLT	19990830	0	72.375	39.92242
MDLT	19990830	1	72.125	41.67515
MDLT	19990830	2	73.125	45.48492
MDLT	19990830	3	75	50.14458
MDLT	19990830	4	77.125	54.6142
MDLT	19990830	5	79.125	59.26394
MDLT	19990830	6	81.375	64.40731
MDLT	19990830	7	85.5	69.89603
MDLT	19990830	8	89.125	75.21278
MDLT	19990830	9	92.75	78.3381
MDLT	19990830	10	94.625	78.65062
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MDLT	19990830	12	92.125	73.4906
MDLT	19990830	13	88.125	69.60398
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MDLT	19990830	15	77.625	59.6186
MDLT	19990830	16	74	54.13303
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MDLT	19990830	18	65.5	44.82907
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MDLT	19990830	20	58.25	40.76309
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MDLT	19990830	22	55.75	40.89986
MDLT	19990830	23	53.625	41.69321
MDLT	19990831	0	51	42.58386
MDLT	19990831	1	50.5	44.32246
MDLT	19990831	2	53.25	48.59842
MDLT	19990831	3	58.625	54.08353
MDLT	19990831	4	63.75	58.95202
MDLT	19990831	5	68.75	63.19921
MDLT	19990831	6	75.25	67.31412

MDLT	19990831	7	81.375	71.69321
MDLT	19990831	8	87.25	76.37374
MDLT	19990831	9	90.75	80.14623
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MDLT	19990831	11	89.625	78.74866
MDLT	19990831	12	85.375	76.15562
MDLT	19990831	13	80.375	73.34614
MDLT	19990831	14	75	70.32491
MDLT	19990831	15	70.125	67.17501
MDLT	19990831	16	65.75	64.16426
MDLT	19990831	17	62.25	61.75536
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MDLT	19990831	23		
MDLT	19990901	0		
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MDLT	19990901	3	66.125	71.26088
MDLT	19990901	4	68.625	73.77541
MDLT	19990901	5	71.5	76.2546
MDLT	19990901	6	74.875	78.36739
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MDLT	19990901	11	77.375	73.93016
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MDLT	19990901	20		
MDLT	19990901	21		
MDLT	19990901	22		
MDLT	19990901	23		
REDB	19990813	0	13.875	26.84896
REDB	19990813	1	12.25	26.22772
REDB	19990813	2	11.25	27.29096
REDB	19990813	3	12	29.75065
REDB	19990813	4	14.5	33.50074
REDB	19990813	5	18.375	38.35757
REDB	19990813	6	23	44.52268
REDB	19990813	7	28.625	51.4466
REDB	19990813	8	34.125	57.98387
REDB	19990813	9	38.375	62.75557

REDB	19990813	10	40	65.09026
REDB	19990813	11	39.5	62.30366
REDB	19990813	12	35.75	55.34784
REDB	19990813	13	30.875	47.02699
REDB	19990813	14	27.375	37.92408
REDB	19990813	15	26	28.40822
REDB	19990813	16	23.375	19.13443
REDB	19990813	17	21	10.80755
REDB	19990813	18	20.875	3.739485
REDB	19990813	19	21	0.409277
REDB	19990813	20	23.125	0.072083
REDB	19990813	21	26.5	0.548279
REDB	19990813	22	27.625	1.173499
REDB	19990813	23	25.375	2.442013
REDB	19990814	0	25.5	4.939993
REDB	19990814	1	27.625	10.51644
REDB	19990814	2	30.375	18.76883
REDB	19990814	3	35.25	28.97732
REDB	19990814	4	41.875	40.04009
REDB	19990814	5	50.375	51.08539
REDB	19990814	6	60	62.05
REDB	19990814	7	69.25	72.12829
REDB	19990814	8	77.125	80.19563
REDB	19990814	9	83.625	84.3168
REDB	19990814	10	87.75	84.67615
REDB	19990814	11	88	81.10004
REDB	19990814	12	83.875	73.81085
REDB	19990814	13	75.75	64.84113
REDB	19990814	14	68.25	55.04044
REDB	19990814	15	60.375	45.02405
REDB	19990814	16	52.625	36.04114
REDB	19990814	17	45.25	28.68786
REDB	19990814	18	38.5	23.33946
REDB	19990814	19	33.25	20.6066
REDB	19990814	20	30	21.26421
REDB	19990814	21	29	23.50243
REDB	19990814	22	26.5	26.17843
REDB	19990814	23	25.625	28.43155
REDB	19990815	0	25.75	30.99659
REDB	19990815	1	26.625	35.24812
REDB	19990815	2	28.75	40.26622
REDB	19990815	3	31.875	45.88594
REDB	19990815	4	36.125	52.00107
REDB	19990815	5	40.5	58.7936
REDB	19990815	6	46.5	66.27883
REDB	19990815	7	53.375	74.42967
REDB	19990815	8	59.375	81.31407
REDB	19990815	9	64.5	84.90936
REDB	19990815	10	68.75	85.77337
REDB	19990815	11	71	83.95475
REDB	19990815	12	69.625	79.94888

REDB	19990815	13	65.875	75.6964
REDB	19990815	14	59.875	70.89641
REDB	19990815	15	53	65.4745
REDB	19990815	16	46.875	60.74627
REDB	19990815	17	41	56.0144
REDB	19990815	18	35.125	52.25855
REDB	19990815	19	29.5	49.86435
REDB	19990815	20	26.5	48.21306
REDB	19990815	21	24.625	45.51459
REDB	19990815	22	22.5	41.49826
REDB	19990815	23	20	36.56339
REDB	19990816	0	19.25	31.60641
REDB	19990816	1	20.375	30.25268
REDB	19990816	2	23.25	31.63206
REDB	19990816	3	28.375	35.13456
REDB	19990816	4	34.75	40.26457
REDB	19990816	5	42.5	46.72081
REDB	19990816	6	52.125	55.25377
REDB	19990816	7	61.125	65.47414
REDB	19990816	8	67.25	75.06392
REDB	19990816	9	71.625	80.9399
REDB	19990816	10	73.625	82.79076
REDB	19990816	11	72.75	79.97332
REDB	19990816	12	69	74.36058
REDB	19990816	13	62.25	67.97554
REDB	19990816	14	57.125	61.21029
REDB	19990816	15	52.875	54.86382
REDB	19990816	16	48.375	50.0071
REDB	19990816	17	43.5	45.89211
REDB	19990816	18	38.625	42.3698
REDB	19990816	19	34.875	40.7851
REDB	19990816	20	32.375	40.05447
REDB	19990816	21	32.75	38.36567
REDB	19990816	22	29.75	34.91754
REDB	19990816	23	25.125	30.41487
REDB	19990817	0	25.5	25.37785
REDB	19990817	1	30	22.54994
REDB	19990817	2	36.625	23.06317
REDB	19990817	3	43.875	26.52126
REDB	19990817	4	51.25	31.75323
REDB	19990817	5	58.125	38.06425
REDB	19990817	6	66.625	46.28446
REDB	19990817	7	77.125	55.2393
REDB	19990817	8	82.125	63.84668
REDB	19990817	9	81.75	69.9869
REDB	19990817	10	80.25	72.1071
REDB	19990817	11	78	69.08495
REDB	19990817	12	74.25	63.39809
REDB	19990817	13	69.75	56.87795
REDB	19990817	14	63.875	49.68964
REDB	19990817	15	57.875	42.40558

REDB	19990817	16	53	35.5989
REDB	19990817	17	49.875	29.79315
REDB	19990817	18	45.25	25.72114
REDB	19990817	19	41.375	24.47787
REDB	19990817	20	40.5	24.47307
REDB	19990817	21	39.375	24.35506
REDB	19990817	22	37.25	22.79081
REDB	19990817	23	32.5	20.87554
REDB	19990818	0	28.25	18.81882
REDB	19990818	1	25.875	17.89067
REDB	19990818	2	27.75	19.95755
REDB	19990818	3	31	25.67857
REDB	19990818	4	33.5	32.88608
REDB	19990818	5	37.5	40.38392
REDB	19990818	6	44	49.58246
REDB	19990818	7	52.625	59.26578
REDB	19990818	8	60.5	68.44202
REDB	19990818	9	65.5	75.2861
REDB	19990818	10	67.25	77.65927
REDB	19990818	11	66.5	74.231
REDB	19990818	12	63.125	66.89494
REDB	19990818	13	56.5	58.32724
REDB	19990818	14	48	49.71842
REDB	19990818	15	43.125	41.35894
REDB	19990818	16	38.5	33.59049
REDB	19990818	17	34.375	26.8877
REDB	19990818	18	28.875	21.84085
REDB	19990818	19	23.25	19.33237
REDB	19990818	20	21.875	19.62109
REDB	19990818	21	22.875	21.08227
REDB	19990818	22	24.25	20.89967
REDB	19990818	23	21.625	19.66835
REDB	19990819	0	19.25	18.41053
REDB	19990819	1	17	18.02568
REDB	19990819	2	18.5	19.16722
REDB	19990819	3	23.125	23.10861
REDB	19990819	4	29.625	29.21834
REDB	19990819	5	38.125	37.15147
REDB	19990819	6	49	48.33625
REDB	19990819	7	61.375	60.81602
REDB	19990819	8	72.875	72.22322
REDB	19990819	9	83.25	80.66903
REDB	19990819	10	87.875	85.56017
REDB	19990819	11	87.625	85.21207
REDB	19990819	12	82.75	81.28581
REDB	19990819	13	75.875	73.66355
REDB	19990819	14	66.125	62.66341
REDB	19990819	15	55.625	50.91544
REDB	19990819	16	48.875	40.6099
REDB	19990819	17	42.375	34.72582
REDB	19990819	18	39.375	32.04889

REDB	19990819	19	38.625	31.97494
REDB	19990819	20	38.625	33.12132
REDB	19990819	21	39.125	35.99669
REDB	19990819	22	39.875	39.5404
REDB	19990819	23	39.125	41.3107
REDB	19990820	0	36.375	42.02105
REDB	19990820	1	35.125	40.89889
REDB	19990820	2	35.625	39.86817
REDB	19990820	3	38	40.01376
REDB	19990820	4	42.375	41.95081
REDB	19990820	5	47.75	45.46909
REDB	19990820	6	55.75	50.71317
REDB	19990820	7	65.125	57.77581
REDB	19990820	8	72.625	64.39739
REDB	19990820	9	78.125	69.1503
REDB	19990820	10	81.5	70.98843
REDB	19990820	11	81.375	68.56214
REDB	19990820	12	75.75	62.59808
REDB	19990820	13	66.25	54.3438
REDB	19990820	14	54.75	44.79741
REDB	19990820	15	43.125	34.79812
REDB	19990820	16	32	25.43943
REDB	19990820	17	22.75	17.64114
REDB	19990820	18	14.125	11.73214
REDB	19990820	19	7.75	8.973948
REDB	19990820	20	5.875	8.752019
REDB	19990820	21	6.75	10.59423
REDB	19990820	22	7.875	13.94249
REDB	19990820	23	9.125	18.09705
REDB	19990821	0	12.125	22.78867
REDB	19990821	1	16.875	28.59148
REDB	19990821	2	23.375	35.84034
REDB	19990821	3	32	43.91082
REDB	19990821	4	41.125	52.34703
REDB	19990821	5	50.375	60.18402
REDB	19990821	6	59.875	66.93837
REDB	19990821	7	68.875	72.76462
REDB	19990821	8	76.125	77.79958
REDB	19990821	9	81.125	80.65443
REDB	19990821	10	84.25	80.89671
REDB	19990821	11	84.375	78.53105
REDB	19990821	12	80.25	73.88795
REDB	19990821	13	74.875	68.02023
REDB	19990821	14	69.875	61.8192
REDB	19990821	15	66.125	55.56235
REDB	19990821	16	63.125	49.21381
REDB	19990821	17	58.625	43.72523
REDB	19990821	18	53.625	39.37416
REDB	19990821	19	49.125	36.13822
REDB	19990821	20	46.875	33.82314
REDB	19990821	21	45.375	32.17858

REDB	19990821	22	42.875	30.86663
REDB	19990821	23	38.75	30.61382
REDB	19990822	0	33.75	31.38092
REDB	19990822	1	30.875	34.3547
REDB	19990822	2	31	38.99049
REDB	19990822	3	33	44.91235
REDB	19990822	4	36.625	51.71107
REDB	19990822	5	41.125	58.77523
REDB	19990822	6	47.25	66.10775
REDB	19990822	7	54	72.09094
REDB	19990822	8	60.875	76.57369
REDB	19990822	9	66.625	77.91544
REDB	19990822	10	70	76.27262
REDB	19990822	11	71.125	72.57764
REDB	19990822	12	68.75	67.17603
REDB	19990822	13	63.625	61.09627
REDB	19990822	14	57.875	54.68221
REDB	19990822	15	53.125	49.16509
REDB	19990822	16	48.5	44.45522
REDB	19990822	17	43.125	39.8987
REDB	19990822	18	37.75	35.79757
REDB	19990822	19	32.625	32.48218
REDB	19990822	20	29.75	30.21022
REDB	19990822	21	28.25	28.44699
REDB	19990822	22	25.125	26.16279
REDB	19990822	23	20.75	23.05279
REDB	19990823	0	17.25	20.28547
REDB	19990823	1	15.25	19.57349
REDB	19990823	2	13	22.21947
REDB	19990823	3	11.75	26.25233
REDB	19990823	4	12.125	31.10277
REDB	19990823	5	14	36.48952
REDB	19990823	6	18.125	42.92453
REDB	19990823	7	23.125	50.18172
REDB	19990823	8	27.625	56.86862
REDB	19990823	9	30.875	61.26917
REDB	19990823	10	33.75	61.39883
REDB	19990823	11	35.375	58.50714
REDB	19990823	12	33.75	53.83386
REDB	19990823	13	33.625	48.37987
REDB	19990823	14	33.625	42.49594
REDB	19990823	15	32.125	36.88858
REDB	19990823	16	29.875	31.63838
REDB	19990823	17	26.375	27.02058
REDB	19990823	18	22.875	23.65621
REDB	19990823	19	19.75	22.17519
REDB	19990823	20	19.125	21.76376
REDB	19990823	21	16.625	21.56893
REDB	19990823	22	12.25	20.73679
REDB	19990823	23	8.75	19.14183
REDB	19990824	0	6.125	17.82815

REDB	19990824	1	7.5	18.20169
REDB	19990824	2	10	20.15469
REDB	19990824	3	14	23.5906
REDB	19990824	4	19.125	28.28656
REDB	19990824	5	23.75	34.32528
REDB	19990824	6	31.5	42.07827
REDB	19990824	7	41.375	50.51655
REDB	19990824	8	52.125	58.26606
REDB	19990824	9	61.5	63.08707
REDB	19990824	10	69.25	63.92625
REDB	19990824	11	73.125	61.06608
REDB	19990824	12	72.375	55.41346
REDB	19990824	13	70.375	47.16056
REDB	19990824	14	66.875	37.7103
REDB	19990824	15	60.625	28.22766
REDB	19990824	16	52.5	19.19288
REDB	19990824	17	42.5	11.40386
REDB	19990824	18	35.375	5.862217
REDB	19990824	19	29.625	2.381768
REDB	19990824	20	26.75	0.440283
REDB	19990824	21	23	0.000001
REDB	19990824	22	18.625	0.000001
REDB	19990824	23	15.125	0.342548
REDB	19990825	0	12.375	1.035034
REDB	19990825	1	12.125	2.823187
REDB	19990825	2	13.25	6.141925
REDB	19990825	3	18	11.03462
REDB	19990825	4	25	18.29081
REDB	19990825	5	34.25	28.2082
REDB	19990825	6	44.125	39.08107
REDB	19990825	7	54.5	49.31748
REDB	19990825	8	64.75	58.18896
REDB	19990825	9	73.75	64.76574
REDB	19990825	10	78.875	67.77161
REDB	19990825	11	79.125	66.6547
REDB	19990825	12	73.75	61.79406
REDB	19990825	13	65.125	54.32283
REDB	19990825	14	55.875	46.00362
REDB	19990825	15	48.625	37.72512
REDB	19990825	16	42.75	30.31523
REDB	19990825	17	36.625	24.08571
REDB	19990825	18	31.625	19.97484
REDB	19990825	19	29.5	18.45196
REDB	19990825	20	29.5	18.39016
REDB	19990825	21	30.125	18.14805
REDB	19990825	22	30.625	16.70182
REDB	19990825	23	28.5	15.11149
REDB	19990826	0		
REDB	19990826	1		
REDB	19990826	2		
REDB	19990826	3		

REDB	19990826	4		
REDB	19990826	5		
REDB	19990826	6		
REDB	19990826	7		
REDB	19990826	8	55.125	69.83208
REDB	19990826	9	60	77.79565
REDB	19990826	10	64.25	82.75753
REDB	19990826	11	64.25	78.42756
REDB	19990826	12	61.25	69.06451
REDB	19990826	13	57.5	59.1172
REDB	19990826	14	53.25	50.08044
REDB	19990826	15	48.5	42.17046
REDB	19990826	16	45.125	34.4921
REDB	19990826	17	42.5	27.33567
REDB	19990826	18	36.625	20.77633
REDB	19990826	19	33.125	18.03283
REDB	19990826	20	32	17.93569
REDB	19990826	21	31.5	18.53414
REDB	19990826	22	29.625	18.99963
REDB	19990826	23	25.25	18.62989
REDB	19990827	0	20.125	18.48107
REDB	19990827	1	16.375	18.80389
REDB	19990827	2	20.25	22.19099
REDB	19990827	3	24.625	26.83607
REDB	19990827	4	29.5	31.69845
REDB	19990827	5	35.5	36.98059
REDB	19990827	6	42.875	44.24465
REDB	19990827	7	52.75	52.58161
REDB	19990827	8	62.875	59.93789
REDB	19990827	9	71.375	66.20446
REDB	19990827	10	74	69.03169
REDB	19990827	11	72.75	68.49012
REDB	19990827	12	69.5	65.34178
REDB	19990827	13	66.125	60.64719
REDB	19990827	14	62	54.00253
REDB	19990827	15	56.875	46.9352
REDB	19990827	16	51.25	40.44309
REDB	19990827	17	46.125	34.44379
REDB	19990827	18	41.5	29.036
REDB	19990827	19	38.375	25.97463
REDB	19990827	20	36.375	25.7229
REDB	19990827	21	32.25	26.74709
REDB	19990827	22	28.75	27.945
REDB	19990827	23	26.75	28.43544
REDB	19990828	0	25.5	28.72037
REDB	19990828	1	25.125	30.97044
REDB	19990828	2	27	35.75177
REDB	19990828	3	31.125	42.29328
REDB	19990828	4	35.25	48.96137
REDB	19990828	5	40.875	55.65385
REDB	19990828	6	47.25	62.935

REDB	19990828	7	52.625	71.33186
REDB	19990828	8	57.625	78.94292
REDB	19990828	9	62.25	82.23605
REDB	19990828	10	65.625	79.32089
REDB	19990828	11	66.25	73.06931
REDB	19990828	12	64.5	66.08005
REDB	19990828	13	60.875	57.91223
REDB	19990828	14	58.625	48.61055
REDB	19990828	15	57	39.01084
REDB	19990828	16	54.5	30.83265
REDB	19990828	17	53.5	25.38974
REDB	19990828	18	52.125	23.66595
REDB	19990828	19	50.625	23.07306
REDB	19990828	20	50.375	22.24803
REDB	19990828	21	51.625	22.0146
REDB	19990828	22	49.375	22.27367
REDB	19990828	23	45	22.60258
REDB	19990829	0	43.625	23.75284
REDB	19990829	1	40.75	27.17753
REDB	19990829	2	40.375	33.63153
REDB	19990829	3	42.5	41.98404
REDB	19990829	4	46	51.24603
REDB	19990829	5	50.25	60.30501
REDB	19990829	6	56.5	68.55186
REDB	19990829	7	64.125	76.25627
REDB	19990829	8	70.5	83.20752
REDB	19990829	9	75.625	86.7772
REDB	19990829	10	77.875	85.63713
REDB	19990829	11	77.125	80.54695
REDB	19990829	12	72.5	72.87031
REDB	19990829	13	65.5	64.90664
REDB	19990829	14	61.625	58.00802
REDB	19990829	15	57	52.12315
REDB	19990829	16	51.25	46.34203
REDB	19990829	17	45.5	41.75555
REDB	19990829	18	40.5	38.99014
REDB	19990829	19	37.375	38.54689
REDB	19990829	20	35.875	39.73488
REDB	19990829	21	35.75	40.85594
REDB	19990829	22	29.625	39.85996
REDB	19990829	23	24.5	36.26631
REDB	19990830	0	21	32.76162
REDB	19990830	1	20.25	30.7267
REDB	19990830	2	21.75	30.96733
REDB	19990830	3	26.25	34.81493
REDB	19990830	4	33.75	41.08106
REDB	19990830	5	42.5	47.79802
REDB	19990830	6	53.625	55.80431
REDB	19990830	7	64.875	65.32503
REDB	19990830	8	74.625	73.51589
REDB	19990830	9	81	78.80878

REDB	19990830	10	84.5	80.51408
REDB	19990830	11	84	75.19095
REDB	19990830	12	80.5	65.19191
REDB	19990830	13	73	54.85248
REDB	19990830	14	65.625	44.89957
REDB	19990830	15	57.875	35.53602
REDB	19990830	16	48.875	27.68573
REDB	19990830	17	42.875	21.97113
REDB	19990830	18	34.625	18.47136
REDB	19990830	19	28.375	19.18511
REDB	19990830	20	23.625	22.85852
REDB	19990830	21	20.125	26.91936
REDB	19990830	22	16.75	29.74274
REDB	19990830	23	13.75	30.30578
REDB	19990831	0	13.375	30.16048
REDB	19990831	1	13.875	29.83984
REDB	19990831	2	20.125	32.25
REDB	19990831	3	27	37.14881
REDB	19990831	4	35.375	42.57759
REDB	19990831	5	45.5	47.98685
REDB	19990831	6	55	54.61576
REDB	19990831	7	64.5	63.22403
REDB	19990831	8	72.125	71.50044
REDB	19990831	9	76.5	78.14676
REDB	19990831	10	77	79.47991
REDB	19990831	11	74.25	74.60271
REDB	19990831	12	68.25	66.72688
REDB	19990831	13	61.625	58.57495
REDB	19990831	14	54.25	50.54932
REDB	19990831	15	45	43.24099
REDB	19990831	16	39.5	37.37108
REDB	19990831	17	35.5	33.66607
REDB	19990831	18	32.75	32.31495
REDB	19990831	19	31.625	33.92651
REDB	19990831	20	32.25	37.92706
REDB	19990831	21	32.125	42.53018
REDB	19990831	22	30.375	46.645
REDB	19990831	23	30.125	48.97422
REDB	19990901	0	28.875	50.1695
REDB	19990901	1	29.25	51.9587
REDB	19990901	2	31.125	54.5799
REDB	19990901	3	34.625	58.59744
REDB	19990901	4	38.625	62.94267
REDB	19990901	5	44.375	66.64144
REDB	19990901	6	51.75	70.03304
REDB	19990901	7	59.125	73.84367
REDB	19990901	8	64	77.00829
REDB	19990901	9	65.625	77.27974
REDB	19990901	10	64.75	74.66789
REDB	19990901	11	62	69.27705
REDB	19990901	12	58	62.31107

REDB	19990901	13	53.875	55.72937
REDB	19990901	14	51.625	50.12298
REDB	19990901	15	48.875	45.4113
REDB	19990901	16	45.75	41.26863
REDB	19990901	17		
REDB	19990901	18		
REDB	19990901	19		
REDB	19990901	20		
REDB	19990901	21		
REDB	19990901	22		
REDB	19990901	23		

Unit: PPB

Missing Data: -999.

Dates: 1999/08/13-09/01

Observed 8-Hour Averages from AMDA web site.

DATE	HOUR	Ozone O3	FRIC	Hinton	DALN	REDB	DENT	COLN	MDLT	ARLI	FWMC	KELC
19990813	0		18.5	11.125	17.375	13.875	18.625	18.125	22.25	18	19.375	17.125
19990813	1		15.875	9.25	15	12.25	17.75	17.625	21.25	16.625	18.625	16.25
19990813	2		14.625	8.875	14	11.25	18.375	17.5	21	16.125	18.375	16.375
19990813	3		14.75	10.375	15.375	12	20	18.125	21.625	16.875	18.625	17.25
19990813	4		16	13.625	18.875	14.5	21.625	20.125	24.125	18.25	19.125	18.375
19990813	5		19	17.125	22.5	18.375	24.25	22.75	27.75	20.625	21.375	20.375
19990813	6		23.25	23.625	28.125	23	28.5	26.875	32.25	24.5	24.875	24.625
19990813	7		30	31.375	36.5	28.625	34	33.75	37.125	30.125	30.25	31.125
19990813	8		38.625	38.25	44.875	34.125	41	41.25	43.125	36.125	36.625	39.125
19990813	9		48.375	44	52.75	38.375	48.375	49.625	48.375	38.625	43	47.25
19990813	10		57.75	47	57.25	40	55.25	55.5	50.625	39.5	46	53.125
19990813	11		61.625	46.125	58.125	39.5	57.375	58.75	51.625	38.5	45.75	55.875
19990813	12		63.125	41.25	55.75	35.75	55.75	58.875	52.375	35.5	44.5	54.875
19990813	13		65.625	36.25	53.875	30.875	54.625	60.375	51.125	31	40.625	52.75
19990813	14		67.375	36	53.25	27.375	56	61.75	48.125	25.875	35.25	51
19990813	15		66.75	33.75	48.75	26	55.5	60	45.25	22.125	32.125	50.75
19990813	16		63.25	30.875	44	23.375	52.625	58.5	41.125	18.5	28.875	48.125
19990813	17		58.5	28.5	40.625	21	47.5	52.5	38.375	16.625	23.375	43.875
19990813	18		53.25	28.5	39.375	20.875	42.875	49.875	37.375	14.75	21.125	39.125
19990813	19		51.875	30.875	39.5	21	41.5	48.25	35.875	13.25	22.375	37.875
19990813	20		51.125	35.25	40.75	23.125	43.125	47.5	34	13.875	24.125	39.625
19990813	21		47		41	26.5	42.75	44	34.125	16.625	27	41.125
19990813	22		43.25		37.75	27.625	38.125	38.375	34.125	18.875	29.875	40.5
19990813	23		39.5		36	25.375	34.375	33.375	33.75	18.75	29	35.875
19990814	0		37.625		35.625	25.5	33.25	30.375	34.875	18.625	27.75	32.75
19990814	1		37.375		35.375	27.625	34.5	32.25	36.375	20.75	29.75	31.75
19990814	2		38.75		36.625	30.375	35.625	33.875	40	25.875	33	34.5
19990814	3		42.25		40.125	35.25	39.125	37.75	46.375	33.625	37.75	38.25
19990814	4		47.375		45.875	41.875	44.625	43.125	53	43.5	45	44.375
19990814	5		52.875	60.5	52.75	50.375	51.5	49.375	60.375	54	52.5	52
19990814	6		58.25	70	60.625	60	58.875	57.375	68.125	65.5	60.625	59.75

19990814	7	64.5	79.25	68.125	69.25	66.375	65.875	76.5	77.625	70.25	68.625
19990814	8	69.875	86.625	74	77.125	72.5	71.375	83.875	88.875	80.625	76.875
19990814	9	73.875	91.875	78.625	83.625	77.125	75.125	90.125	97.875	88.125	82.625
19990814	10	76.75	94.125	80.75	87.75	80.625	77.125	94	102.75	92.125	85.75
19990814	11	78.25	92.25	79.5	88	82.125	77.375	95.625	103.375	92.375	86.125
19990814	12	77	87	74.5	83.875	80.75	76.25	96.25	98.25	88.75	83.5
19990814	13	74.5	80	69.25	75.75	76.875	74.25	94.375	89.25	83.25	79.125
19990814	14	71.625	73.375	64	68.25	73.375	71.375	94.375	79.125	77.125	73.625
19990814	15	68.375	67.5	59.75	60.375	69.75	68	93	69.875	67.375	66.625
19990814	16	65	62	56.625	52.625	64.875	66.125	89.625	60.75	55.375	57.875
19990814	17	61.875	55.5	53.625	45.25	58.625	61	84.375	53.875	44.375	51.125
19990814	18		50		38.5		57.25				46.25
19990814	19		46.875		33.25		53.375				41.75
19990814	20		44.125		30		50.125				37.75
19990814	21		42.125		29		47.5				35.25
19990814	22		40.25		26.5		45				33.875
19990814	23		37.375		25.625		42.5				32.875
19990815	0		35.375		25.75		39.125				33.75
19990815	1		36		26.625		40.25				35.75
19990815	2		38.5		28.75		41.75				38.5
19990815	3	44.25	41.25	44.75	31.875	40.25	44.375	51.375	47.125	39.375	43
19990815	4	47.875	46.5	50	36.125	50	48.625	54.25	49.25	46.375	49.125
19990815	5	52.5	52.75	55.75	40.5	60.5	54.25	57.75	53.125	52.875	55.625
19990815	6	58.625	59.875	63.75	46.5	69.875	61.125	62	59.125	60.5	64.375
19990815	7	65.25	68.625	72.25	53.375	78.625	68.375	67.125	65.625	69.75	74.125
19990815	8	71.125	77.375	79.125	59.375	85.625	74.5	71.875	72.25	77.25	83.375
19990815	9	74.875	83.5	84.25	64.5	90.375	79	75.625	77.625	83	90.875
19990815	10	76.75	86.5	86.5	68.75	93	81.375	78.5	82	87	96
19990815	11	76.625	85.5	85.5	71	92.625	81.625	80.75	85	87.5	97.875
19990815	12	74.375	81.5	82.125	69.625	89.25	79.125	82.375	84.25	84.625	96.75
19990815	13	70.75	76	76.75	65.875	82.875	75	81.5	79	79.75	92
19990815	14	66.625	69.625	69.25	59.875	75.25	69.875	79.5	72.5	72.875	83.125
19990815	15	63.875	62.625	61.875	53	67.75	65.625	77.125	66.375	65	73.75
19990815	16	60.75	55.875	57.625	46.875	61	63.875	74	60	57.875	66.125
19990815	17	57.5	47.625	53.375	41	55	58.625	71.125	54.375	49.625	57.75
19990815	18	54.25	40.125	50.125	35.125	48.375	55.5	67.5	49	40.375	48.5
19990815	19	51.375	35.25	47.875	29.5	42	52.875	63	43.625	33.375	39.875

19990815	20	49.125	30.625	45.75	26.5	36	50.5	58.75	40.5	29	34
19990815	21	47	26	43.875	24.625	32	48.125	56.875	39.125	26	31.375
19990815	22	44	21.75	41.375	22.5	28.125	45	55.5	36.125	22.75	30
19990815	23	37.625	17.375	37	20	24.125	39.75	54.125	31.875	19.25	27.625
19990816	0	33.375	13.875	31.75	19.25	21.5	33.375	53.625	29.25	17.125	24.625
19990816	1	32.25	14.25	29.25	20.375	21.25	33.375	53.125	29.125	17.875	24.5
19990816	2	33.75	16.125	29.875	23.25	24.125	34	55.125	31.75	21.125	27.125
19990816	3	37.25	20.625	33.75	28.375	30.375	37	58.875	36.25	25.625	33
19990816	4	42.75	28.25	39.875	34.75	39.75	42.25	62.5	41.875	33.125	40
19990816	5	50	38.5	48	42.5	51.125	49.5	66.125	49.5	43.75	48.5
19990816	6	58.375	50.125	59	52.125	64	59.75	70.5	60.5	56.375	59.25
19990816	7	68.125	62.125	71	61.125	75.5	70.625	74.875	73.375	70.125	72.25
19990816	8	75.625	71.875	79.25	67.25	86.875	79	79.25	83.375	82	85.375
19990816	9	80.875	80.375	85.875	71.625	95	85.375	83	88.25	91.875	96.25
19990816	10	83.625	86	89.25	73.625	99.125	89.375	85.25	90	99	104.25
19990816	11	83.625	87.25	88.25	72.75	100	89.75	85.375	89.25	100.375	107.625
19990816	12	80.875	85.25	84	69	97	86.875	84.875	86.25	96.125	106.625
19990816	13	76.625	79.75	77	62.25	90.75	81.25	82.75	79.75	87.875	101
19990816	14	72.5	71	67.5	57.125	81.375	73.625	79.5	71.625	76.625	92.25
19990816	15	68.25	60.625	58.875	52.875	72.75	67.125	76.125	63.5	63	81.375
19990816	16	63.875	49.5	53.25	48.375	62.125	64.25	73	56.25	48.875	67.75
19990816	17	59.25	39.25	45.375	43.5	51.75	56.625	70	51.75	36.125	54.75
19990816	18	56	29.75	39	38.625	41.875	50.5	67.125	47.25	25.125	43.875
19990816	19	52.75	22	34.25	34.875	32.375	46.625	65.5	43.375	17.375	35.75
19990816	20	49.75	15.125	31	32.375	24.125	43.25	64.625	41.125	11.625	30.25
19990816	21	47.25	9.75	28.375	32.75	17	40.875	65.125	41.5	7.25	28
19990816	22	42.875	6.375	25.25	29.75	12	37.625	65.5	40.625	5.375	27.75
19990816	23	37.625	4	21.375	25.125	8.25	32.375	65.375	36.125	4.75	26.375
19990817	0	33.75	4	18.25	25.5	6.625	26.75	65.5	33.375	5.5	27.625
19990817	1	34.875	6.125	20	30	9.25	30.125	67.5	34.75	10.5	31
19990817	2	38	14.125	25.875	36.625	19.125	34.25	70.5	40.5	19.25	36.375
19990817	3	42.25	24.875	34	43.875	29.75	39.375	73.5	47	30.75	43.625
19990817	4	50.125	38.125	44	51.25	42.375	47.875	76.375	53.25	44.125	52.625
19990817	5	60.75	51.375	57.125	58.125	55.75	58.5	78.875	60.5	57.375	61.75
19990817	6	74.5	63.875	72.25	66.625	71.375	72.5	81.25	68.625	70.375	71.25
19990817	7	91.125	76.625	87.75	77.125	87	89.875	84	79.5	83.375	82.75
19990817	8	106.75	88.125	100.25	82.125	101.125	105.75	85.625	88.625	94	92.125

19990817	9	118.375	95.625	109.375	81.75	112.875	114.875	86.375	92.375	97.25	97.625
19990817	10	125	96.75	111.25	80.25	120.375	121.375	85.25	90.875	96.125	100.75
19990817	11	126.25	93.5	109.375	78	126.125	122.625	84.5	88.375	92.375	100.625
19990817	12	123	86	104.25	74.25	126.375	119.125	84.875	82.875	84.625	96
19990817	13	116.125	78	95.125	69.75	122	112.125	85	76	73.5	88.625
19990817	14	107.5	68.75	83.5	63.875	113	102.75	84.625	70.125	62.75	80.5
19990817	15	96.5	60	73.75	57.875	101.875	91.125	84.125	62.625	51.5	72.375
19990817	16	84.75	52.75	66.75	53	89.75	81.375	83.75	57.5	43.25	64.25
19990817	17	71.375	44	59.625	49.875	75.5	68.875	81	52.5	37.875	57.625
19990817	18		38		45.25		59.125				50.5
19990817	19		32.625		41.375		53				44.75
19990817	20		30.375		40.5		48.5				41.375
19990817	21		27		39.375		44.75				40.125
19990817	22		23.875		37.25		40.875				38.875
19990817	23				32.5		35.5				35.625
19990818	0				28.25		29.125				32.125
19990818	1				25.875		30				30.75
19990818	2				27.75		30.625				33
19990818	3	36.125		31.75	31	26.25	33.75	55.625	28.125	30.125	36.625
19990818	4	42.5		37.375	33.5	36.75	39.875	57.25	32.875	33.75	42
19990818	5	50.625		45.75	37.5	48.5	48.375	58.875	39.875	39.75	48.375
19990818	6	62.5		57.625	44	61.125	58.125	60.625	49.625	50.125	55.125
19990818	7	77.5	57.25	70.125	52.625	73.5	71.875	63	59.5	60.5	64.5
19990818	8	91.125	68.25	81.125	60.5	84.375	84.75	65.875	67	69.25	74.875
19990818	9	101.5	77.25	90	65.5	92	96	68.875	72.25	75.25	83.25
19990818	10	109.875	82.125	96.625	67.25	97.125	105.375	70.125	74.125	77.375	88.375
19990818	11	116	83.125	99	66.5	100.625	111.5	70.25	72.5	76.125	90
19990818	12	114.75	79.625	96.125	63.125	101.25	113.125	69.25	66.875	71.125	88
19990818	13	110.375	73.5	88.5	56.5	98.375	108.625	67.875	59.25	62.875	81.875
19990818	14	104.25	63.625	78.875	48	93.25	101.625	66.25	50.875	53.125	73.375
19990818	15	95.5	52.625	70.875	43.125	85.875	92.75	64	43.75	45.125	64.875
19990818	16	84.875	41.5	62.75	38.5	77	81.625	61.125	38.125	38.875	55.25
19990818	17	71.625	31.375	52.625	34.375	66.125	67.75	56.875	33	32.75	45.375
19990818	18	58.5	21.125	42	28.875	54.625	54.375	51.25	27.75	28	35
19990818	19	45.625	13.125	33.75	23.25	43.625	41.875	46.375	24.375	25.5	27.5
19990818	20	38.25	7.375	28.125	21.875	35.375	31.875	43.25	24.75	25.875	22.5
19990818	21	32	3.625	24.375	22.875	28	26.5	40.25	26	27.625	19.625

19990818	22	25.75	2.625	20.5	24.25	21.75	21.625	37.75	26	29.125	18.125
19990818	23	19.25	2.25	15.625	21.625	17.875	16.25	35.625	23.25	27.625	15.375
19990819	0	17		11.75	19.25	17.125	14.125	33.375	20.5	25.125	15.25
19990819	1	17.875		11.75	17	19.625	16.75	33.125	17.875	25.875	17.625
19990819	2	21.75		14.5	18.5	24.25	20.125	37	18.875	27.375	21
19990819	3	26.75		18.75	23.125	29.125	25.625	43.125	23.25	30.375	25.125
19990819	4	32.125		25.5	29.625	34.25	31.75	49.25	30	35.875	31.125
19990819	5	39.5		35.125	38.125	41.125	39.25	57.75	38.125	42.75	38.625
19990819	6	47.75		46.375	49	48.625	48.5	67.375	50	51.125	46
19990819	7	57		57.75	61.375	56.5	58.5	78.125	64.375	60.625	54.75
19990819	8	63.5		68.25	72.875	63	66.375	90.25	78.25	69.75	62.125
19990819	9	70.125		72.75	83.25	68.25	72	100.625	91.5	74.375	65.375
19990819	10	74.375		73	87.875	72	75.5	107.25	96.375	77	67.625
19990819	11	76		67.75	87.625	74.25	75.125	108.375	94.625	76	69
19990819	12	76.625		60.875	82.75	74.125	74.375	105.375	90.625	72.25	67.375
19990819	13	75.375		53.25	75.875	72.875	72.25	100.125	84	65.375	64.625
19990819	14	73.75		47.625	66.125	70.5	69.625	93.5	75.75	58.875	60.5
19990819	15	72	45.5	42.875	55.625	67.375	66.625	83.25	65	50.875	56.125
19990819	16	69.375	39.25	37.875	48.875	63.375	62.375	72.25	55.125	43.75	51.5
19990819	17	64.5	36.625	37.375	42.375	58.5	55.875	63.5	45.5	37.625	48.75
19990819	18	60.125	35.25	38.875	39.375	54.375	52.875	56.125	40.875	32.25	46.75
19990819	19	56.625	40.375	43.5	38.625	49.5	51.375	52	38.875	28.625	43.25
19990819	20	53.75	43.625	47.25	38.625	44	49.5	50.75	35.5	24	39.875
19990819	21	51.25	46.25	48.375	39.125	39.125	46.25	49.25	32.375	21.75	35.5
19990819	22	48.25	46.625	45.75	39.875	34.5	40.75	46.375	28.25	18.125	32.125
19990819	23	44.375	42.25	41	39.125	29.625	34.375	45.5	25.125	16.75	28.25
19990820	0	42.75	39.375	38	36.375	27.375	33.375	45.75	22.125	15.375	26.25
19990820	1	43	37.5	35.75	35.125	28.375	35.75	45.25	20.25	16.375	26.25
19990820	2	43.875	37.875	35.875	35.625	29.625		46.5	21.5	19	
19990820	3	45.375	40.375	37.5	38	33.5		49.75	25.375	22.75	
19990820	4	47.375	43.875	40.125	42.375	39.5		54.375	32	31.25	
19990820	5	49.5	48.75	44.5	47.75	45.5		60.125	41.875	41.75	
19990820	6	52.5	56.125	50.625	55.75	52.375		69.125	52.375	52.75	
19990820	7	56.375	64.75	57.75	65.125	60.375		78.625	63	63.125	
19990820	8	60	71.25	63.5	72.625	66.875		86.875	70.75	71.25	
19990820	9	63.25	75.875	68	78.125	70		93	76.625	76.75	
19990820	10	65.375	78.25	70.125	81.5	71.375	67.75	97	78.5	81.125	

19990820	11	66.25	77.625	69.75	81.375	71.25	69.125	98	77.625	83.25	75.875
19990820	12	65.75	73.375	63.75	75.75	68.625	67.125	96.625	72.125	78.125	73.125
19990820	13	64.5	65	55	66.25	64.625	62.625	93.5	62	69.75	69.375
19990820	14	62.5	56.875	46.375	54.75	61.75	57.875	87.625	50.75	61.375	65.375
19990820	15	60.625	49.375	39.875	43.125	56	54.5	79.875	39.625	53.875	61.875
19990820	16	57.5	42.5	33	32	48.625	50	71.5	30	46.875	58.125
19990820	17	54.125	35.75	25	22.75	40.5	44.125	65	20.875	38.5	53.5
19990820	18	51	29.5	18.125	14.125	32.75	41.375	59.375	12.625	28.5	48.375
19990820	19	48.25	23.375	14.25	7.75	25.75	39.125	54.75	5.375	19.625	43.75
19990820	20	46.375	21.375	15.375	5.875	20.125	39.125	51.5	3.75	15.125	40
19990820	21	45	23.375	18.25	6.75	16.125	40.875	49.5	3.125	12.5	36.5
19990820	22	43.5	24.75	20.75	7.875	10.5	42.5	48.125	3	9.5	32.5
19990820	23	41.375	26	21.5	9.125	7.75	42.25	48.5	4.75	5.75	28
19990821	0	40.75	26.875	23.75	12.125	8.125	43.5	50	9.75	3.375	25.5
19990821	1	41.875	30	29.5	16.875	13.375	46.75	52.125	16.5	5.25	26.125
19990821	2	44.375	35.375	36.25	23.375	21.125	48.625	55.125	25.125	12.5	30.25
19990821	3	48.75	43.875	43.125	32	30.375	52.375	59.125	35.125	22.5	36.5
19990821	4	53.75	52.25	50.625	41.125	40.125	56.75	64.375	45.375	33.75	44.75
19990821	5	58.75	59.875	58.375	50.375	49.875	61	69.75	58.25	45.75	53.625
19990821	6	64.375	67	66	59.875	59.875	65.5	75.375	71.25	59	63.125
19990821	7	70.625	74.125	72.5	68.875	69.5	70.875	81.875	82	71.75	73.375
19990821	8	75.375	80.75	78.125	76.125	77.25	75	88.375	89.125	84.75	83
19990821	9	77.5	85.375	81.75	81.125	81.5	77.875	92.5	94.25	93.25	90.375
19990821	10	78.625	88.25	84.375	84.25	83.375	79.5	94.625	97.875	95.375	93.75
19990821	11	78.125	88.125	85.5	84.375	83.5	79.375	95.5	98.375	95.375	94.5
19990821	12	75.875	86.75	83.5	80.25	81.375	77.5	93.875	95.125	92	93
19990821	13	73.25	83.5	79.375	74.875	78.25	75.375	91.125	90	85.125	90.375
19990821	14	70.125	78.25	75.5	69.875	74.75	73.5	89	83.375	74.5	86
19990821	15	66.25	75.125	72.75	66.125	70.5	70.75	86.125	79	64.125	80.375
19990821	16	62.75	71.5	70.625	63.125	65.5	67.25	81.875	76	54.25	74.5
19990821	17	60.5	67.25	67.75	58.625	60	63.25	78	72.5	46.875	68.5
19990821	18		62.5		53.625		61.625				
19990821	19		58.125		49.125		59				
19990821	20		52.875		46.875		57				
19990821	21		48.875		45.375		55				
19990821	22		46		42.875		51.875				
19990821	23		40.75		38.75		48.75				

19990822	0		36.875		33.75		47.25				
19990822	1		34.25		30.875		46.5				
19990822	2		33		31		44.25				
19990822	3	48.125	35.125	40.75	33		45.75	49.75	42.25	33.75	42.75
19990822	4	51.875	39.875	44.75	36.625	48.5	49.5	53.125	46.75	39.125	47.125
19990822	5	56.875	45.875	50.5	41.125	54.875	55.25	57.25	52.75	45.625	52.75
19990822	6	63.625	53.625	57.875	47.25	62.625	62.75	62.5	59.75	53	59
19990822	7	71	61.5	65.25	54	71.5	70.875	68.5	67.25	60.375	65.875
19990822	8	77.625	68.75	72.75	60.875	80	77.75	73.75	74.25	66.625	72.75
19990822	9	83.5	74.375	79.5	66.625	86.5	84.25	77.375	78.75	70.875	78.25
19990822	10	87.5	78.5	83.75	70	89.375	88.75	79.75	80.75	72.375	81.25
19990822	11	88.375	78.75	84	71.125	89.5	89.875	80.75	80.375	71.5	81.25
19990822	12	87.125	75.5	81.875	68.75	87.375	88	80.375	77.125	68.875	79
19990822	13	83.125	69	76.75	63.625	83	83.625	79.125	71.625	63.375	74.625
19990822	14	76	61.625	69	57.875	76.625	76.625	77.375	66.25	56.375	69
19990822	15	68.5	54.875	62.125	53.125	68	69.125	74.5	61.625	48.75	62.875
19990822	16	61.625	48.375	55.125	48.5	58.875	61.5	71.625	56.125	42.875	56.5
19990822	17	55.625	42.125	50.25	43.125	49.875	53.125	67.25	50.375	38.125	50.125
19990822	18	50	36.25	45.75	37.75	40.25	47.625	62	45.375	33.375	44.625
19990822	19	44.5	31.125	41.125	32.625	33.375	42.125	56.75	40.375	29	39.125
19990822	20	39.125	26.875	36.875	29.75	28.5	36.875	51.5	36.625	25.625	34.125
19990822	21	34.75	23.875	33	28.25	24.125	32.5	46	33.75	24	30.5
19990822	22	31.75	20.625	29.5	25.125	20.625	29.375	40	29.25	23	27.125
19990822	23	28	16.875	26	20.75	19	25.375	34.5	23.25	22.25	23.125
19990823	0	24.125	14.125	23.5	17.25	18.5	22.5	29.25	18.75	20.5	20.125
19990823	1	20.25	12.75	19.875	15.25	19	21.125	25.625	16.125	18.5	18
19990823	2	17.875	11	17.25	13	21.5	19	23.5	14.625	17.375	16.375
19990823	3	17.75	10	16	11.75	23.875	18.875	22.75	14.875	17.375	16.375
19990823	4	18.625	10.5	16.25	12.125	26.75	20.375	23.25	16.5	18.125	18
19990823	5	21.5	13.875	19	14	32.375	22.625	25.125	18.875	20	20.875
19990823	6	26.25	19	24.625	18.125	38.75	25.625	28.5	22.625	23.375	25.25
19990823	7	33.25	24.625	30.75	23.125	45.375	31.25	32.5	27.25	27.5	31.125
19990823	8	40	29.25	36.25	27.625	51.375	37.5	37.25	32.25	31.5	36.25
19990823	9	45.375	32.5	40.5	30.875	56.25	42.875	41.625	36.875	34.25	39.875
19990823	10	48.5	35.125	43.25	33.75	58.75	46.25	45.125	40.25	36.625	42.875
19990823	11	49.125	36.75	44.5	35.375	59.5	47.75	47.25	41.375	37.375	45.125
19990823	12	48.25	35.5	44.125	33.75	58.625	47.75	48.875	40.125	37	45.375

19990823	13	45.375	32.125	41.125	33.625	55.375	46.375	49.25	39.25	35.5	42.875
19990823	14	40.75	30.75	39	33.625	50.75	43.25	48.125	38.25	34.25	40.25
19990823	15	35.75	27.875	36.75	32.125	46	40.5	46.375	36.75	32.5	37.125
19990823	16	31.375	24.125	32.75	29.875	41	36.25	43.25	33.75	30.625	33.625
19990823	17	27.375	19.5	29	26.375	35.375	31	39.75	30.125	28.625	30.375
19990823	18	24.875	15.625	26.375	22.875	30.75	26.875	36.625	26.125	25.875	26.875
19990823	19	23.125	13.625	24.5	19.75	26.625	23.375	33.875	23.375	23.875	23.125
19990823	20	21.75	12.875	23.5	19.125	23.125	20.5	30.75	22.125	22	20.125
19990823	21	21	12.25	23.25	16.625	19	17.75	27.875	19	20.5	17.625
19990823	22	19.375	8.5	19.5	12.25	15.5	16	25.125	15.5	17.375	14.375
19990823	23	16.625	5.75	15.375	8.75	11.75	12.25	22.25	12.375	14.375	11.125
19990824	0	14	4.375	13.75	6.125	8.875	10	20.75	10	12.25	9.5
19990824	1	13.25	5.625	13.875	7.5	9.625	10.375	21.125	9.625	11.875	9.75
19990824	2	13.5	7.875	14.75	10	11.75	12.125	22.25	11.125	13.375	11.375
19990824	3	14.875	9.875	17.375	14	15.25	15.875	24	14.125	15.375	14.25
19990824	4	18.75	15.25	22.625	19.125	20.25	20.75	26.625	18.5	18.625	18.75
19990824	5	23.875	23.75	30	23.75	27.125	26.75	29	26	23.25	24.875
19990824	6	31.25	33.375	38.25	31.5	35.125	35.125	32.375	35.75	29.75	32
19990824	7	39.75	44.125	48.125	41.375	43.625	44.25	38.125	46.875	37.75	39.5
19990824	8	47.625	55.125	57.625	52.125	50.375	52.125	43.75	58.875	46.125	46.125
19990824	9	54.125	65.75	64.25	61.5	55	58.375	47.75	68.5	52.5	50.75
19990824	10	58.375	70.75	67.25	69.25	57.75	62.25	51.875	75.625	56.125	53.125
19990824	11	62.125	71.75	67.75	73.125	59	63.5	55.75	78.625	58.375	53.25
19990824	12	63.875	66.75	63	72.375	59.125	64.25	59.25	79	57.75	52
19990824	13	64	60.375	56.75	70.375	57.875	64.125	62.25	75.625	54.5	51.5
19990824	14	62.25	54.125	51.375	66.875	54	61.875	64.125	70.125	52.25	50.375
19990824	15	59.625	47.625	45.375	60.625	48.125	59.625	63.5	62.125	48.75	48.75
19990824	16	57.375	41.875	40.375	52.5	46.25	56	61.5	52.375	43.5	45.875
19990824	17	54.25	35.625	35.75	42.5	42.875	51.875	60.5	41.625	36.625	44.125
19990824	18		32.75		35.375		51.125				
19990824	19		29		29.625		51.375				
19990824	20		28.25		26.75		50				
19990824	21		26		23		47.625				
19990824	22		22.625		18.625		43.5				
19990824	23		18.375		15.125		36.625				
19990825	0		13.375		12.375		32.875				
19990825	1		11		12.125		34.25				

19990825	2		11.5		13.25		34.375				
19990825	3	40.875	19.375	28.125	18	26.625	35.75	39.75	21.875	16.5	34.375
19990825	4	44.5	29.125	33.125	25	34	39.75		28.125	23.75	39.875
19990825	5	49.75	39.625	40.75	34.25	46	45.875		37.5	34.125	47
19990825	6	57.625	50.5	52.125	44.125	60.75	54.75		49.875	46.75	54.75
19990825	7	67.125	61.875	64.375	54.5	76	66.75		63.25	61.125	67
19990825	8	74.5	72.75	76.25	64.75	91.125	78.25		76.25	75.75	78.375
19990825	9	80.5	80.5	86.25	73.75	101.625	85.75		86	88.75	88.25
19990825	10	85.375	85.75	91.625	78.875	108	91.375		94.5	97.125	96.5
19990825	11		84.125	91.125	79.125	110	94.25		96.625		102.625
19990825	12		78.125	85.125	73.75	107.5	91.125	77.5	93.5		104.5
19990825	13		67.75	75.5	65.125	100.875	85.25	74.5	87.5		99.5
19990825	14		56.875	63.5	55.875	92.875	77.875	71.75	75.875		88.625
19990825	15		45.875	51.625	48.625	81.5	69	68.875	64.25		74.75
19990825	16		35.875	39.625	42.75	67.375	59.375	66.125	55.5		62.25
19990825	17		25.75	30	36.625	53.25	48.75	63.875	47.125		50.125
19990825	18		15.75	21.875	31.625	39.75	39.25	62.375	39.75		39.75
19990825	19	35.75	8.5	18.75	29.5	29.25	30.375	59.875	34.625		31.875
19990825	20	32.875	4.625	20	29.5	21.25	26.375	56.5	31.75		25.625
19990825	21	30.875	4.5	22	30.125	15.125	25.125	53	30	23.125	21.625
19990825	22	29.5	4.5	22.75	30.625	10.375	22.25	48.875	29.375	24.125	20.625
19990825	23	25.625	4.125	22.625	28.5	9.125	19.5	44.625	27.75	25.25	20.25
19990826	0	23.25	3	22.75		11.625	18	41	24.375	26.375	21.125
19990826	1	23	3.375	20.625		15.125	18.75	37.75	21.5	27.75	23
19990826	2	23	6.125	21		20.25	20.875	36.25	19.75	29.125	24.625
19990826	3	25.625	13.375	24.5		27.25	25.25	37.625	21.875	31.75	26.125
19990826	4	29.875	23.125	29.5		35.375	31.125	41.25	26	35.375	29.375
19990826	5	36	34.375	38.375		43.75	37.125	46	32.5	40.375	36.125
19990826	6	43.875	45.375	50.875		50.5	46.5	51.25	42.5	47.375	44.5
19990826	7	53.875	56.125	63.375		57.625	58	56.875	52.125	55	54.625
19990826	8	64.875	66.125	75.5	55.125	64.25	69.625	61.875	59.25	60.375	62.5
19990826	9	74.125	74	85.75	60	71.25	78.5	66.5	65.25	63.875	67.5
19990826	10	80	78.125	92.125	64.25	76.875	83.375	69.625	69.75	65.625	69.75
19990826	11	84.375	77.5	91.625	64.25	78	86	72.375	69	64.75	70.25
19990826	12	84	70.625	86.25	61.25	76.375	84.125	72.75	67	61.375	68.75
19990826	13	79.375	60.875	77.25	57.5	72	79	72.25	63.875	57.5	65.5
19990826	14	72.375	51.625	66.625	53.25	67.625	71	70.75	58.625	54.125	60.125

19990826	15	63.75	44.875	57.75	48.5	62.5	62.25	68.75	53.875	51.375	54
19990826	16	54.25	39.25	50.375	45.125	55.375	52.25	66.75	51	49.75	49.125
19990826	17	45.5	31.375	43.375	42.5	47.25	43	63.25	48.625	48.625	45.5
19990826	18	39.875	24.625	37.875	36.625	40.125	37.375	58.25	45.875	47	43
19990826	19	33.5	21	35	33.125	36	31.75	51.5	43.375	45.5	40.25
19990826	20	32	20	33.875	32	33.875	29.5	46	41.875	45.5	38.625
19990826	21	32.875	21.125	33.375	31.5	33.5	30.875	41.75	40.125	44.375	37
19990826	22	35	19.875	30.875	29.625	30.625	33.5	38.5	37.375	41.375	36
19990826	23	36.875	15.875	27.625	25.25	26.125	34.25	35.125	32.375	36.375	34.25
19990827	0	38.25	11.375	23.25	20.125	24.625	35.125	31.375	27.25	31.125	30.375
19990827	1	40.375	13.625	23.75	16.375	26.875	38.625	29.125	22.625	26.875	27
19990827	2	42.625	19.5	25.75	20.25	29.375	41.125	27.375	21	24.25	26.5
19990827	3	45.125	24.375	29.625	24.625	32.75	44.75	30.625	23.75	25.125	30.125
19990827	4	47.125	30.625	35	29.5	37.125	48.75	37.125	28.25	29.875	35.25
19990827	5	50.375	37.375	42	35.5	42.5	52.5	43.875	35.375	37.25	43.125
19990827	6	54.125	47.625	51.375	42.875	48.5	57.75	51.125	45.125	47	51.875
19990827	7	56.25	58.375	60.5	52.75	54.5	60.5	58.875	57.625	58	58.5
19990827	8	57.625	68.625	67	62.875	56.875	63.125	67.25	69.625	65.375	64.375
19990827	9	57.75	74.25	69.5	71.375	55.5	63	75.25	78.75	72.125	71.125
19990827	10	56.625	75.125	70.75	74	53.125	61.875	83.375	83.75	76	73
19990827	11	55.25	73.125	69.25	72.75	48.25	60.875	87.25	83.875	75.625	72.375
19990827	12	52.25	69.375	66.25	69.5	42.25	58.25	86.625	79.625	68.75	68.625
19990827	13	49.125	65.75	63.375	66.125	33.5	54.75	84.5	75.625	60.375	61.375
19990827	14	46.5	60	60.125	62	26.5	50.25	81.375	70.375	53	55.5
19990827	15	46.125	53.625	56.125	56.875	21	49.125	77.25	63.25	46.375	52.5
19990827	16	45.125	47.75	54	51.25	17.375	46.875	72.125	55.875	43.375	50.625
19990827	17	44	42	51.875	46.125	14.875	44.125	67.625	50.75	40.125	47
19990827	18	42.875	37.125	49	41.5	13	42.875	63.5	46.5	38.625	46.25
19990827	19	41.5	33.5	46.75	38.375	11.25	40.125	59.25	44.375	38.375	44.375
19990827	20	40.375	31.625	45.5	36.375	10.5	38.5	55.75	44.75	40.5	44.375
19990827	21	38.625	28.875	41.875	32.25	13.125	36.625	52.875	41.875	42.25	44.5
19990827	22	36	26.125	37.25	28.75	14.375	34.25	50.125	38.625	40.25	41.5
19990827	23	33	23.75	33.375	26.75	14.5	31.75	48	35.625	36.625	37.75
19990828	0	31.25	22.25	31.5	25.5	16.375	31.125	46.5	34	33.625	34.875
19990828	1	30.75	22.375	30.625	25.125	19.5	32.25	45.625	33.125	32	34.5
19990828	2	33	25.375	32.25	27	23.625	33.625	45.625	34.875	32.375	34.875
19990828	3	37.75	30.625	36.625	31.125	31.5	38.125	46	37	34.5	36.875

19990828	4	44	36.875	42.625	35.25	39.875	44.5	47.25	39.5	38.125	40.625
19990828	5	50.75	42.5	50.75	40.875	49.625	51.875	49.75	43.75	43.375	47.125
19990828	6	58.125	50	60.75	47.25	61.125	60.25	53.625	50.125	50.875	55.125
19990828	7	66.25	59	70.375	52.625	73	68.375	58.25	57.875	58.5	64
19990828	8	72.75	66.75	78	57.625	82.625	75.375	63	65.25	66	73.5
19990828	9	78.25	73.625	83.75	62.25	88.625	81.375	66.25	71.375	72.625	80.75
19990828	10	81.5	78.25	87.125	65.625	92.625	85.125	68.75	75.125	77	86.5
19990828	11	82	79.875	87.25	66.25	93.25	86.25	71	77	78.625	89.5
19990828	12	80	78.125	83.75	64.5	90.875	84.125	72.25	76.875	76.875	88.75
19990828	13	77.625	75.375	79.875	60.875	85.125	80.25	72.125	73.125	70.625	84.625
19990828	14	75.375	74	76.625	58.625	78.75	77.375	70	68.25	61.875	79
19990828	15	72.625	68.75	72.625	57	72.875	74.25	70.25	64.375	54.25	73.375
19990828	16	70	62.875	68.875	54.5	66.125	68.875	68.375	61.875	49.375	68.375
19990828	17	67	56.125	65.375	53.5	60.125	62.375	66.75	59.5	43.25	64.625
19990828	18		51		52.125	54.375	58.375				
19990828	19		46.625		50.625	48.25	53.875				
19990828	20		45.125		50.375	43	49.625				
19990828	21		42.375		51.625	38.25	46.25				
19990828	22		35.125		49.375	33.5	41.625				
19990828	23		33.75		45	28.5	38.375				
19990829	0		33.75		43.625	27.625	39.5				
19990829	1		36.5		40.75	30.75	43.75				
19990829	2		39.625		40.375	35.375	47.125				
19990829	3	53	44.75	55.625	42.5	42.125	52.25	68.375	59.125	43.25	54
19990829	4	58.125	49.875	61.5	46	49.625	58.375	69.125	63.375	48	58.375
19990829	5	64.625	58	67.125	50.25	58.25	64.75	70.125	68.5	54.625	65
19990829	6	70.25	68.5	72.75	56.5	66.5	71.5	72.25	74.875	63.125	71.25
19990829	7	75.875	75.375	78.375	64.125	75	77.625	74.875	79.625	71.875	76.5
19990829	8	79.625	81.75	83.125	70.5	80.75	81.625	78.25	84.25	78.75	80.75
19990829	9	81.375	85.75	85.5	75.625	83.125	83.125	81.25	88.875	84.25	84.875
19990829	10	81	87	85	77.875	83.25	83.125	83.875	91	88	87
19990829	11	79.75	85.5	81.5	77.125	81.25	81.75	85.125	89.5	88	86.625
19990829	12	77.125	80.625	75.5	72.5	78.125	79.25	84.75	84	83.875	83.875
19990829	13	72.5	75.125	69.375	65.5	73	75	82.875	76.875	77.375	78.625
19990829	14	68	70	65.375	61.625	67.375	70.625	81.5	68.5	68.25	72.25
19990829	15	64.125	64.75	61.625	57	60.25	66.5	80.5	64.125	59	65.875
19990829	16	61.125	58	57.875	51.25	52.25	61.5	78.5	59.625	51.625	60

19990829	17	57.75	50.125	54.375	45.5	43.875	55.625	76.375	54.625	42.75	55.125
19990829	18	54.25	43.625	51.5	40.5	35.375	51.5	73.625	50.375	34.25	50.5
19990829	19	51.125	36.25	50.375	37.375	27.5	48.125	71.625	47.5	27.125	47.125
19990829	20	49.625	30.125	49.625	35.875	20.5	45.125	71.375	45	22.75	44.125
19990829	21	49.625	24.375	44.875	35.75	14.75	43.25	73	41.375	18.625	43.5
19990829	22	48.875	17.875	38.25	29.625	10	41	74	37.375	16.5	42
19990829	23	47.125	12.25	31.625	24.5	6.875	37.25	73.25	30.5	13.625	38.25
19990830	0	45.5	9	27.125	21	5.25	36.75	72.375	24.375	9.375	34.125
19990830	1	45.75	10.5	25.625	20.25	9	38.875	72.125	20.375	8.5	30.5
19990830	2	48.75	14	27	21.75	16.125	42.25	73.125	20.875	9.625	30
19990830	3	53.625	23.25	31.75	26.25	25.75	47.125	75	25.75	14.25	32.5
19990830	4	58.875	34.75	39.125	33.75	36.875	53.25	77.125	34.5	23.375	38.875
19990830	5	63.75	46.75	50.75	42.5	48.125	60.25	79.125	47	36.125	45.875
19990830	6	68.5	59.125	61.75	53.625	59	67.25	81.375	60	49.5	55.125
19990830	7	73.125	70.875	71.5	64.875	69.375	74.125	85.5	73.625	62.625	66.75
19990830	8	77.125	79.375	78.75	74.625	78.375	78.875	89.125	86.625	75.5	78.375
19990830	9	79.75	85	83.375	81	82.25	82.5	92.75	95.625	85.875	87.5
19990830	10	80.375	88.625	85.875	84.5	83.625	83.5	94.625	98.375	92.125	91.625
19990830	11	78.875	88.125	84.5	84	81.875	82.5	94.375	96.25	93.5	91.5
19990830	12	75.5	84.875	80.375	80.5	77.25	80	92.125	91.25	88.5	87.625
19990830	13	72.125	80.25	74.25	73	71.125	76	88.125	84.375	77.125	80.5
19990830	14	69.25	71.75	67.875	65.625	63.875	70.875	82.875	74.375	64.125	73.25
19990830	15	66	60.125	61.75	57.875	56.25	66.5	77.625	65.625	51.5	65.5
19990830	16	63	50.125	56.25	48.875	48.25	60.75	74	55.875	39	56.375
19990830	17	59.875	41.625	49.5	42.875	39.875	54	70.125	48.25	26.75	48.25
19990830	18	56.125	36.125	44.25	34.625	30.5	50.375	65.5	43.125	16.75	41.25
19990830	19	52.25	30	41.125	28.375	21.875	47	60.875	39.625	8.5	34.75
19990830	20	49.875	27.375	39.875	23.625	15.125	45.25	58.25	37.5	3	29.25
19990830	21	47.5	25	39.625	20.125	10	44.5	57.125	34.625	1.5	26
19990830	22	44	24.125	38.875	16.75	6.375	44	55.75	34.375	1.125	23.125
19990830	23	40.875	25.875	37.75	13.75	3.625	43.125	53.625	30.625		21.25
19990831	0	39.875	29.75	38.25	13.375	4.75	44.375	51	29.625		21.125
19990831	1	40.25	34.5	41.25	13.875	9.375	48.375	50.5	30.5		22.25
19990831	2	42.875	37.5	44.5	20.125	17.25	51	53.25	32.5		26.5
19990831	3	47.25	43.625	48.125	27	27.625	54.875	58.625	37.875		33.875
19990831	4	52	48.75	52.375	35.375	39.375	58.875	63.75	45.75		43.375
19990831	5	56.875	55.625	57.875	45.5	50.75	63.125	68.75	54.875		53.5

19990901	19
19990901	20
19990901	21
19990901	22
19990901	23

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3		
ARLI	19990813	0	18	31.12678		
ARLI	19990813	1	16.625	30.19578		
ARLI	19990813	2	16.125	30.78555		
ARLI	19990813	3	16.875	32.89208		
ARLI	19990813	4	18.25	36.30435		
ARLI	19990813	5	20.625	40.60964		
ARLI	19990813	6	24.5	45.95037		
ARLI	19990813	7	30.125	52.24542		
ARLI	19990813	8	36.125	58.78343		
ARLI	19990813	9	38.625	63.94729		
ARLI	19990813	10	39.5	64.264	39.5	64.264
ARLI	19990813	11	38.5	60.39341		
ARLI	19990813	12	35.5	55.01325		
ARLI	19990813	13	31	48.35334		
ARLI	19990813	14	25.875	39.47981		
ARLI	19990813	15	22.125	30.00573		
ARLI	19990813	16	18.5	20.67213		
ARLI	19990813	17	16.625	11.94014		
ARLI	19990813	18	14.75	6.693422		
ARLI	19990813	19	13.25	4.183603		
ARLI	19990813	20	13.875	1.942732		
ARLI	19990813	21	16.625	0.321171		
ARLI	19990813	22	18.875	0.516475		
ARLI	19990813	23	18.75	1.541397		
ARLI	19990814	0	18.625	3.959781		
ARLI	19990814	1	20.75	8.825027		
ARLI	19990814	2	25.875	16.47401		
ARLI	19990814	3	33.625	26.9378		
ARLI	19990814	4	43.5	39.17051		
ARLI	19990814	5	54	51.80603		
ARLI	19990814	6	65.5	64.0108		
ARLI	19990814	7	77.625	75.04358		
ARLI	19990814	8	88.875	83.97478		
ARLI	19990814	9	97.875	89.69013		
ARLI	19990814	10	102.75	91.23257		
ARLI	19990814	11	103.375	86.53457	103.375	86.53457
ARLI	19990814	12	98.25	78.55527		
ARLI	19990814	13	89.25	69.10251		
ARLI	19990814	14	79.125	58.32644		
ARLI	19990814	15	69.875	46.91017		
ARLI	19990814	16	60.75	35.87228		
ARLI	19990814	17	53.875	26.22796		
ARLI	19990814	18				
ARLI	19990814	19				
ARLI	19990814	20				
ARLI	19990814	21				

ARLI	19990814	22		
ARLI	19990814	23		
ARLI	19990815	0		
ARLI	19990815	1		
ARLI	19990815	2		
ARLI	19990815	3	47.125	46.29064
ARLI	19990815	4	49.25	53.49085
ARLI	19990815	5	53.125	60.76008
ARLI	19990815	6	59.125	68.85239
ARLI	19990815	7	65.625	77.77191
ARLI	19990815	8	72.25	85.76724
ARLI	19990815	9	77.625	90.57484
ARLI	19990815	10	82	91.95551
ARLI	19990815	11	85	89.74259
ARLI	19990815	12	84.25	85.27441
ARLI	19990815	13	79	80.3568
ARLI	19990815	14	72.5	74.75386
ARLI	19990815	15	66.375	68.55223
ARLI	19990815	16	60	62.77321
ARLI	19990815	17	54.375	57.19699
ARLI	19990815	18	49	52.859
ARLI	19990815	19	43.625	50.94364
ARLI	19990815	20	40.5	50.25171
ARLI	19990815	21	39.125	48.93063
ARLI	19990815	22	36.125	45.95795
ARLI	19990815	23	31.875	41.07512
ARLI	19990816	0	29.25	35.81993
ARLI	19990816	1	29.125	33.67503
ARLI	19990816	2	31.75	34.66264
ARLI	19990816	3	36.25	37.69077
ARLI	19990816	4	41.875	42.07311
ARLI	19990816	5	49.5	47.66835
ARLI	19990816	6	60.5	55.6685
ARLI	19990816	7	73.375	66.32312
ARLI	19990816	8	83.375	77.07503
ARLI	19990816	9	88.25	84.44811
ARLI	19990816	10	90	87.0089
ARLI	19990816	11	89.25	84.67771
ARLI	19990816	12	86.25	79.42272
ARLI	19990816	13	79.75	72.79394
ARLI	19990816	14	71.625	65.10878
ARLI	19990816	15	63.5	57.18932
ARLI	19990816	16	56.25	49.81062
ARLI	19990816	17	51.75	43.41777
ARLI	19990816	18	47.25	38.52403
ARLI	19990816	19	43.375	36.2707
ARLI	19990816	20	41.125	35.42549
ARLI	19990816	21	41.5	34.45213
ARLI	19990816	22	40.625	32.34613
ARLI	19990816	23	36.125	28.86498
ARLI	19990817	0	33.375	25.2269

ARLI	19990817	1	34.75	23.70673		
ARLI	19990817	2	40.5	25.80715		
ARLI	19990817	3	47	30.17495		
ARLI	19990817	4	53.25	35.71015		
ARLI	19990817	5	60.5	42.41145		
ARLI	19990817	6	68.625	50.78109		
ARLI	19990817	7	79.5	60.37859		
ARLI	19990817	8	88.625	69.67786		
ARLI	19990817	9	92.375	76.28445	92.375	76.28445
ARLI	19990817	10	90.875	78.58139		
ARLI	19990817	11	88.375	76.23525		
ARLI	19990817	12	82.875	71.41911		
ARLI	19990817	13	76	65.31371		
ARLI	19990817	14	70.125	58.18008		
ARLI	19990817	15	62.625	50.6955		
ARLI	19990817	16	57.5	43.5922		
ARLI	19990817	17	52.5	37.49586		
ARLI	19990817	18				
ARLI	19990817	19				
ARLI	19990817	20				
ARLI	19990817	21				
ARLI	19990817	22				
ARLI	19990817	23				
ARLI	19990818	0				
ARLI	19990818	1				
ARLI	19990818	2				
ARLI	19990818	3	28.125	28.68681		
ARLI	19990818	4	32.875	35.28397		
ARLI	19990818	5	39.875	41.98301		
ARLI	19990818	6	49.625	50.14945		
ARLI	19990818	7	59.5	59.70446		
ARLI	19990818	8	67	69.07967		
ARLI	19990818	9	72.25	76.38574		
ARLI	19990818	10	74.125	79.889	74.125	79.889
ARLI	19990818	11	72.5	76.53929		
ARLI	19990818	12	66.875	70.0827		
ARLI	19990818	13	59.25	62.39306		
ARLI	19990818	14	50.875	53.98056		
ARLI	19990818	15	43.75	45.63736		
ARLI	19990818	16	38.125	38.36373		
ARLI	19990818	17	33	32.54913		
ARLI	19990818	18	27.75	28.20184		
ARLI	19990818	19	24.375	26.98699		
ARLI	19990818	20	24.75	27.84145		
ARLI	19990818	21	26	29.85592		
ARLI	19990818	22	26	31.042		
ARLI	19990818	23	23.25	30.0628		
ARLI	19990819	0	20.5	28.05514		
ARLI	19990819	1	17.875	26.40152		
ARLI	19990819	2	18.875	26.63203		
ARLI	19990819	3	23.25	29.04069		

ARLI	19990819	4	30	33.73395		
ARLI	19990819	5	38.125	40.55814		
ARLI	19990819	6	50	50.18094		
ARLI	19990819	7	64.375	62.21144		
ARLI	19990819	8	78.25	73.71783		
ARLI	19990819	9	91.5	82.36689		
ARLI	19990819	10	96.375	86.49094	96.375	86.49094
ARLI	19990819	11	94.625	85.83846		
ARLI	19990819	12	90.625	81.52226		
ARLI	19990819	13	84	73.33563		
ARLI	19990819	14	75.75	62.50314		
ARLI	19990819	15	65	52.56428		
ARLI	19990819	16	55.125	44.17344		
ARLI	19990819	17	45.5	38.83673		
ARLI	19990819	18	40.875	36.54116		
ARLI	19990819	19	38.875	37.05125		
ARLI	19990819	20	35.5	38.92453		
ARLI	19990819	21	32.375	42.46198		
ARLI	19990819	22	28.25	46.38146		
ARLI	19990819	23	25.125	46.85428		
ARLI	19990820	0	22.125	45.82275		
ARLI	19990820	1	20.25	44.27791		
ARLI	19990820	2	21.5	43.22496		
ARLI	19990820	3	25.375	42.96447		
ARLI	19990820	4	32	44.25161		
ARLI	19990820	5	41.875	47.03262		
ARLI	19990820	6	52.375	51.41291		
ARLI	19990820	7	63	57.93189		
ARLI	19990820	8	70.75	64.36729		
ARLI	19990820	9	76.625	68.94768		
ARLI	19990820	10	78.5	70.88514	78.5	70.88514
ARLI	19990820	11	77.625	69.47948		
ARLI	19990820	12	72.125	65.50565		
ARLI	19990820	13	62	59.7427		
ARLI	19990820	14	50.75	51.56308		
ARLI	19990820	15	39.625	41.93118		
ARLI	19990820	16	30	32.43081		
ARLI	19990820	17	20.875	23.90907		
ARLI	19990820	18	12.625	16.81785		
ARLI	19990820	19	5.375	12.0875		
ARLI	19990820	20	3.75	8.871584		
ARLI	19990820	21	3.125	7.163473		
ARLI	19990820	22	3	8.193626		
ARLI	19990820	23	4.75	11.42876		
ARLI	19990821	0	9.75	15.59116		
ARLI	19990821	1	16.5	21.56996		
ARLI	19990821	2	25.125	29.7623		
ARLI	19990821	3	35.125	39.55483		
ARLI	19990821	4	45.375	50.0368		
ARLI	19990821	5	58.25	60.40945		
ARLI	19990821	6	71.25	70.00667		

ARLI	19990821	7	82	77.95207	
ARLI	19990821	8	89.125	84.47173	
ARLI	19990821	9	94.25	88.23502	
ARLI	19990821	10	97.875	88.69124	
ARLI	19990821	11	98.375	85.80943	98.375 85.80943
ARLI	19990821	12	95.125	80.6497	
ARLI	19990821	13	90	73.94488	
ARLI	19990821	14	83.375	66.62756	
ARLI	19990821	15	79	59.26576	
ARLI	19990821	16	76	52.2345	
ARLI	19990821	17	72.5	46.46327	
ARLI	19990821	18			
ARLI	19990821	19			
ARLI	19990821	20			
ARLI	19990821	21			
ARLI	19990821	22			
ARLI	19990821	23			
ARLI	19990822	0			
ARLI	19990822	1			
ARLI	19990822	2			
ARLI	19990822	3	42.25	46.96577	
ARLI	19990822	4	46.75	52.55176	
ARLI	19990822	5	52.75	58.38454	
ARLI	19990822	6	59.75	65.5561	
ARLI	19990822	7	67.25	71.62254	
ARLI	19990822	8	74.25	76.21262	
ARLI	19990822	9	78.75	77.6609	
ARLI	19990822	10	80.75	75.73187	80.75 75.73187
ARLI	19990822	11	80.375	71.86827	
ARLI	19990822	12	77.125	67.5883	
ARLI	19990822	13	71.625	63.09024	
ARLI	19990822	14	66.25	57.43506	
ARLI	19990822	15	61.625	52.0564	
ARLI	19990822	16	56.125	47.50627	
ARLI	19990822	17	50.375	43.42064	
ARLI	19990822	18	45.375	40.19903	
ARLI	19990822	19	40.375	37.81746	
ARLI	19990822	20	36.625	36.07621	
ARLI	19990822	21	33.75	34.5824	
ARLI	19990822	22	29.25	32.70901	
ARLI	19990822	23	23.25	29.63499	
ARLI	19990823	0	18.75	26.54038	
ARLI	19990823	1	16.125	25.51345	
ARLI	19990823	2	14.625	28.25701	
ARLI	19990823	3	14.875	32.8335	
ARLI	19990823	4	16.5	37.66345	
ARLI	19990823	5	18.875	42.47327	
ARLI	19990823	6	22.625	47.93923	
ARLI	19990823	7	27.25	54.61749	
ARLI	19990823	8	32.25	61.08876	
ARLI	19990823	9	36.875	65.28341	

ARLI	19990823	10	40.25	64.59292		
ARLI	19990823	11	41.375	60.88629	41.375	60.88629
ARLI	19990823	12	40.125	56.52023		
ARLI	19990823	13	39.25	52.10793		
ARLI	19990823	14	38.25	47.33398		
ARLI	19990823	15	36.75	42.61782		
ARLI	19990823	16	33.75	38.24254		
ARLI	19990823	17	30.125	34.5738		
ARLI	19990823	18	26.125	32.43632		
ARLI	19990823	19	23.375	31.69107		
ARLI	19990823	20	22.125	31.39623		
ARLI	19990823	21	19	31.04266		
ARLI	19990823	22	15.5	30.17154		
ARLI	19990823	23	12.375	27.98187		
ARLI	19990824	0	10	25.78397		
ARLI	19990824	1	9.625	25.41838		
ARLI	19990824	2	11.125	26.71891		
ARLI	19990824	3	14.125	29.37525		
ARLI	19990824	4	18.5	33.13833		
ARLI	19990824	5	26	38.05977		
ARLI	19990824	6	35.75	44.35957		
ARLI	19990824	7	46.875	51.96002		
ARLI	19990824	8	58.875	59.24787		
ARLI	19990824	9	68.5	63.68886		
ARLI	19990824	10	75.625	64.48701		
ARLI	19990824	11	78.625	61.64649		
ARLI	19990824	12	79	55.52991	79	55.52991
ARLI	19990824	13	75.625	47.49559		
ARLI	19990824	14	70.125	38.33433		
ARLI	19990824	15	62.125	29.11001		
ARLI	19990824	16	52.375	20.19725		
ARLI	19990824	17	41.625	12.21417		
ARLI	19990824	18				
ARLI	19990824	19				
ARLI	19990824	20				
ARLI	19990824	21				
ARLI	19990824	22				
ARLI	19990824	23				
ARLI	19990825	0				
ARLI	19990825	1				
ARLI	19990825	2				
ARLI	19990825	3	21.875	12.4256		
ARLI	19990825	4	28.125	20.78648		
ARLI	19990825	5	37.5	31.25097		
ARLI	19990825	6	49.875	42.78508		
ARLI	19990825	7	63.25	54.17078		
ARLI	19990825	8	76.25	64.43794		
ARLI	19990825	9	86	71.75045		
ARLI	19990825	10	94.5	76.46993		
ARLI	19990825	11	96.625	78.3291	96.625	78.3291
ARLI	19990825	12	93.5	75.31666		

ARLI	19990825	13	87.5	68.9892		
ARLI	19990825	14	75.875	61.21928		
ARLI	19990825	15	64.25	52.81034		
ARLI	19990825	16	55.5	44.78105		
ARLI	19990825	17	47.125	38.31626		
ARLI	19990825	18	39.75	32.82022		
ARLI	19990825	19	34.625	27.75293		
ARLI	19990825	20	31.75	24.67872		
ARLI	19990825	21	30	22.5388		
ARLI	19990825	22	29.375	19.94923		
ARLI	19990825	23	27.75	17.11207		
ARLI	19990826	0	24.375	14.60731		
ARLI	19990826	1	21.5	12.57271		
ARLI	19990826	2	19.75	11.91959		
ARLI	19990826	3	21.875	14.82908		
ARLI	19990826	4	26	20.52294		
ARLI	19990826	5	32.5	26.43383		
ARLI	19990826	6	42.5	32.48789		
ARLI	19990826	7	52.125	38.88168		
ARLI	19990826	8	59.25	45.67558		
ARLI	19990826	9	65.25	52.51844		
ARLI	19990826	10	69.75	57.72894	69.75	57.72894
ARLI	19990826	11	69	56.47361		
ARLI	19990826	12	67	51.05008		
ARLI	19990826	13	63.875	45.57565		
ARLI	19990826	14	58.625	40.5731		
ARLI	19990826	15	53.875	35.75645		
ARLI	19990826	16	51	30.41218		
ARLI	19990826	17	48.625	24.62779		
ARLI	19990826	18	45.875	19.25872		
ARLI	19990826	19	43.375	17.05549		
ARLI	19990826	20	41.875	16.62908		
ARLI	19990826	21	40.125	16.25192		
ARLI	19990826	22	37.375	15.478		
ARLI	19990826	23	32.375	13.85569		
ARLI	19990827	0	27.25	12.24991		
ARLI	19990827	1	22.625	10.9083		
ARLI	19990827	2	21	10.73121		
ARLI	19990827	3	23.75	14.39807		
ARLI	19990827	4	28.25	19.59017		
ARLI	19990827	5	35.375	24.99161		
ARLI	19990827	6	45.125	32.1133		
ARLI	19990827	7	57.625	41.46304		
ARLI	19990827	8	69.625	50.59433		
ARLI	19990827	9	78.75	58.69989		
ARLI	19990827	10	83.75	64.73197		
ARLI	19990827	11	83.875	65.04063	83.875	65.04063
ARLI	19990827	12	79.625	62.24157		
ARLI	19990827	13	75.625	58.78029		
ARLI	19990827	14	70.375	54.02015		
ARLI	19990827	15	63.25	47.75278		

ARLI	19990827	16	55.875	41.47432
ARLI	19990827	17	50.75	35.91176
ARLI	19990827	18	46.5	31.24299
ARLI	19990827	19	44.375	28.30219
ARLI	19990827	20	44.75	26.90221
ARLI	19990827	21	41.875	26.73175
ARLI	19990827	22	38.625	27.20331
ARLI	19990827	23	35.625	27.45209
ARLI	19990828	0	34	27.42591
ARLI	19990828	1	33.125	29.46202
ARLI	19990828	2	34.875	34.61204
ARLI	19990828	3	37	41.40735
ARLI	19990828	4	39.5	48.52144
ARLI	19990828	5	43.75	55.12035
ARLI	19990828	6	50.125	61.56558
ARLI	19990828	7	57.875	68.69772
ARLI	19990828	8	65.25	75.43517
ARLI	19990828	9	71.375	78.78603
ARLI	19990828	10	75.125	77.68261
ARLI	19990828	11	77	73.78919
ARLI	19990828	12	76.875	68.35452
ARLI	19990828	13	73.125	62.14582
ARLI	19990828	14	68.25	55.04946
ARLI	19990828	15	64.375	47.25169
ARLI	19990828	16	61.875	40.2602
ARLI	19990828	17	59.5	34.87339
ARLI	19990828	18		
ARLI	19990828	19		
ARLI	19990828	20		
ARLI	19990828	21		
ARLI	19990828	22		
ARLI	19990828	23		
ARLI	19990829	0		
ARLI	19990829	1		
ARLI	19990829	2		
ARLI	19990829	3	59.125	39.09006
ARLI	19990829	4	63.375	49.58191
ARLI	19990829	5	68.5	59.9839
ARLI	19990829	6	74.875	70.02389
ARLI	19990829	7	79.625	79.94433
ARLI	19990829	8	84.25	89.04587
ARLI	19990829	9	88.875	95.93622
ARLI	19990829	10	91	97.38804
ARLI	19990829	11	89.5	93.58986
ARLI	19990829	12	84	86.37529
ARLI	19990829	13	76.875	78.01952
ARLI	19990829	14	68.5	69.35751
ARLI	19990829	15	64.125	60.86194
ARLI	19990829	16	59.625	52.868
ARLI	19990829	17	54.625	44.89653
ARLI	19990829	18	50.375	38.15107

77 73.78919

91 97.38804

ARLI	19990829	19	47.5	33.82455		
ARLI	19990829	20	45	32.18338		
ARLI	19990829	21	41.375	31.86966		
ARLI	19990829	22	37.375	31.255		
ARLI	19990829	23	30.5	28.80041		
ARLI	19990830	0	24.375	26.35322		
ARLI	19990830	1	20.375	25.93031		
ARLI	19990830	2	20.875	27.95805		
ARLI	19990830	3	25.75	32.77875		
ARLI	19990830	4	34.5	40.00512		
ARLI	19990830	5	47	48.11967		
ARLI	19990830	6	60	57.224		
ARLI	19990830	7	73.625	68.01636		
ARLI	19990830	8	86.625	77.8738		
ARLI	19990830	9	95.625	84.34221		
ARLI	19990830	10	98.375	86.61478	98.375	86.61478
ARLI	19990830	11	96.25	82.36517		
ARLI	19990830	12	91.25	72.73529		
ARLI	19990830	13	84.375	61.11773		
ARLI	19990830	14	74.375	49.12174		
ARLI	19990830	15	65.625	37.39292		
ARLI	19990830	16	55.875	26.66526		
ARLI	19990830	17	48.25	17.84102		
ARLI	19990830	18	43.125	11.47397		
ARLI	19990830	19	39.625	9.480279		
ARLI	19990830	20	37.5	11.15702		
ARLI	19990830	21	34.625	14.61529		
ARLI	19990830	22	34.375	18.10118		
ARLI	19990830	23	30.625	19.67671		
ARLI	19990831	0	29.625	20.70262		
ARLI	19990831	1	30.5	22.04403		
ARLI	19990831	2	32.5	26.72701		
ARLI	19990831	3	37.875	33.82593		
ARLI	19990831	4	45.75	41.77303		
ARLI	19990831	5	54.875	49.22357		
ARLI	19990831	6	63.875	57.09824		
ARLI	19990831	7	74.25	66.70235		
ARLI	19990831	8	82.25	75.96986		
ARLI	19990831	9	87.375	83.29835		
ARLI	19990831	10	89.375	85.18916	89.375	85.18916
ARLI	19990831	11	86.125	80.50528		
ARLI	19990831	12	79.125	72.12022		
ARLI	19990831	13	70.75	63.11889		
ARLI	19990831	14	64.375	53.99812		
ARLI	19990831	15	57.5	45.33014		
ARLI	19990831	16	51.5	37.9008		
ARLI	19990831	17	46.5	32.75841		
ARLI	19990831	18				
ARLI	19990831	19				
ARLI	19990831	20				
ARLI	19990831	21				

ARLI	19990831	22		
ARLI	19990831	23		
ARLI	19990901	0		
ARLI	19990901	1		
ARLI	19990901	2		
ARLI	19990901	3	47.5	60.93073
ARLI	19990901	4	52.5	64.81636
ARLI	19990901	5	57.75	68.67403
ARLI	19990901	6	63.75	72.99876
ARLI	19990901	7	70.875	78.29404
ARLI	19990901	8	76	83.04565
ARLI	19990901	9	78.25	83.77982
ARLI	19990901	10	77.125	81.1131
ARLI	19990901	11	73.625	75.76555
ARLI	19990901	12	68.625	68.83756
ARLI	19990901	13	63.625	61.40154
ARLI	19990901	14	58.75	54.16219
ARLI	19990901	15	55.125	47.66446
ARLI	19990901	16	52.375	42.22955
ARLI	19990901	17		
ARLI	19990901	18		
ARLI	19990901	19		
ARLI	19990901	20		
ARLI	19990901	21		
ARLI	19990901	22		
ARLI	19990901	23		

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3		
COLN	19990813	2	17.5	25.47202		
COLN	19990813	1	17.625	25.11793		
COLN	19990813	0	18.125	26.25511		
COLN	19990813	3	18.125	27.37944		
COLN	19990813	4	20.125	31.00151		
COLN	19990813	5	22.75	36.05077		
COLN	19990813	6	26.875	42.01422		
COLN	19990813	23	33.375	28.16656		
COLN	19990813	7	33.75	48.50082		
COLN	19990813	22	38.375	27.42458		
COLN	19990813	8	41.25	54.97456		
COLN	19990813	21	44	27.23418		
COLN	19990813	20	47.5	28.45352		
COLN	19990813	19	48.25	31.55638		
COLN	19990813	9	49.625	60.8601		
COLN	19990813	18	49.875	36.53077		
COLN	19990813	17	52.5	42.20608		
COLN	19990813	10	55.5	65.39442		
COLN	19990813	16	58.5	48.22285		
COLN	19990813	11	58.75	67.93527		
COLN	19990813	12	58.875	67.24641		
COLN	19990813	15	60	54.04896		
COLN	19990813	13	60.375	63.89666		
COLN	19990813	14	61.75	59.33505	61.75	59.33505
COLN	19990814	0	30.375	29.5927		
COLN	19990814	1	32.25	32.59935		
COLN	19990814	2	33.875	37.06625		
COLN	19990814	3	37.75	42.3886		
COLN	19990814	23	42.5	22.24497		
COLN	19990814	4	43.125	47.8061		
COLN	19990814	22	45	22.17534		
COLN	19990814	21	47.5	22.66081		
COLN	19990814	5	49.375	52.7819		
COLN	19990814	20	50.125	24.33092		
COLN	19990814	19	53.375	27.47267		
COLN	19990814	18	57.25	32.26556		
COLN	19990814	6	57.375	56.96365		
COLN	19990814	17	61	37.90855		
COLN	19990814	7	65.875	60.94527		
COLN	19990814	16	66.125	43.8705		
COLN	19990814	15	68	49.75055		
COLN	19990814	8	71.375	64.43473		
COLN	19990814	14	71.375	55.05496		
COLN	19990814	13	74.25	59.49182		
COLN	19990814	9	75.125	66.33531		
COLN	19990814	12	76.25	62.9994		

COLN	19990814	10	77.125	66.66186		
COLN	19990814	11	77.375	65.52199	77.375	65.52199
COLN	19990815	0	39.125	23.68592		
COLN	19990815	23	39.75	33.05198		
COLN	19990815	1	40.25	28.12865		
COLN	19990815	2	41.75	35.0355		
COLN	19990815	3	44.375	43.50611		
COLN	19990815	22	45	37.65268		
COLN	19990815	21	48.125	42.28751		
COLN	19990815	4	48.625	52.0808		
COLN	19990815	20	50.5	46.21476		
COLN	19990815	19	52.875	49.12037		
COLN	19990815	5	54.25	60.09622		
COLN	19990815	18	55.5	52.73519		
COLN	19990815	17	58.625	56.71615		
COLN	19990815	6	61.125	67.48644		
COLN	19990815	16	63.875	60.14817		
COLN	19990815	15	65.625	62.93035		
COLN	19990815	7	68.375	74.5211		
COLN	19990815	14	69.875	66.10868		
COLN	19990815	8	74.5	79.89235		
COLN	19990815	13	75	69.32584		
COLN	19990815	9	79	82.06789		
COLN	19990815	12	79.125	73.37959		
COLN	19990815	10	81.375	81.38903		
COLN	19990815	11	81.625	78.28423	81.625	78.28423
COLN	19990816	23	32.375	41.76708		
COLN	19990816	0	33.375	28.81669		
COLN	19990816	1	33.375	27.70548		
COLN	19990816	2	34	29.23645		
COLN	19990816	3	37	33.2266		
COLN	19990816	22	37.625	46.00415		
COLN	19990816	21	40.875	48.93177		
COLN	19990816	4	42.25	39.36068		
COLN	19990816	20	43.25	50.86616		
COLN	19990816	19	46.625	52.51598		
COLN	19990816	5	49.5	47.30215		
COLN	19990816	18	50.5	54.4261		
COLN	19990816	17	56.625	56.54443		
COLN	19990816	6	59.75	56.35468		
COLN	19990816	16	64.25	59.15823		
COLN	19990816	15	67.125	63.10947		
COLN	19990816	7	70.625	65.81513		
COLN	19990816	14	73.625	68.78801		
COLN	19990816	8	79	74.37165		
COLN	19990816	13	81.25	74.88525		
COLN	19990816	9	85.375	79.99465		
COLN	19990816	12	86.875	80.083		
COLN	19990816	10	89.375	83.069		
COLN	19990816	11	89.75	83.0276	89.75	83.0276
COLN	19990817	0	26.75	36.93309		

COLN	19990817	1	30.125	33.13295		
COLN	19990817	2	34.25	31.47936		
COLN	19990817	23	35.5	12.25446		
COLN	19990817	3	39.375	33.11622		
COLN	19990817	22	40.875	11.09108		
COLN	19990817	21	44.75	11.27962		
COLN	19990817	4	47.875	37.60167		
COLN	19990817	20	48.5	13.22705		
COLN	19990817	19	53	17.66438		
COLN	19990817	5	58.5	44.56047		
COLN	19990817	18	59.125	24.55017		
COLN	19990817	17	68.875	32.95841		
COLN	19990817	6	72.5	53.5517		
COLN	19990817	16	81.375	42.60371		
COLN	19990817	7	89.875	63.71602		
COLN	19990817	15	91.125	53.16388		
COLN	19990817	14	102.75	64.19737		
COLN	19990817	8	105.75	73.3353		
COLN	19990817	13	112.125	74.46191		
COLN	19990817	9	114.875	80.78281		
COLN	19990817	12	119.125	82.08769		
COLN	19990817	10	121.375	85.30283		
COLN	19990817	11	122.625	85.83937	122.625	85.83937
COLN	19990818	23	16.25	18.9847		
COLN	19990818	22	21.625	21.48354		
COLN	19990818	21	26.5	25.4759		
COLN	19990818	0	29.125	14.03823		
COLN	19990818	1	30	16.94535		
COLN	19990818	2	30.625	21.25516		
COLN	19990818	20	31.875	31.34389		
COLN	19990818	3	33.75	27.7747		
COLN	19990818	4	39.875	36.91382		
COLN	19990818	19	41.875	39.77768		
COLN	19990818	5	48.375	48.47987		
COLN	19990818	18	54.375	50.35814		
COLN	19990818	6	58.125	61.41762		
COLN	19990818	17	67.75	62.36149		
COLN	19990818	7	71.875	74.38226		
COLN	19990818	16	81.625	75.09813		
COLN	19990818	8	84.75	87.03307		
COLN	19990818	15	92.75	87.1101		
COLN	19990818	9	96	98.07052		
COLN	19990818	14	101.625	97.46278		
COLN	19990818	10	105.375	106.4137		
COLN	19990818	13	108.625	105.7555		
COLN	19990818	11	111.5	110.9942		
COLN	19990818	12	113.125	110.8425	113.125	110.8425
COLN	19990819	0	14.125	18.51181		
COLN	19990819	1	16.75	21.05525		
COLN	19990819	2	20.125	26.92645		
COLN	19990819	3	25.625	35.40484		

COLN	19990819	4	31.75	44.50665		
COLN	19990819	23	34.375	58.12883		
COLN	19990819	5	39.25	52.79764		
COLN	19990819	22	40.75	59.72304		
COLN	19990819	21	46.25	60.66129		
COLN	19990819	6	48.5	60.64804		
COLN	19990819	20	49.5	61.5005		
COLN	19990819	19	51.375	61.33526		
COLN	19990819	18	52.875	60.99053		
COLN	19990819	17	55.875	61.11127		
COLN	19990819	7	58.5	68.11043		
COLN	19990819	16	62.375	61.75154		
COLN	19990819	8	66.375	74.66852		
COLN	19990819	15	66.625	63.54397		
COLN	19990819	14	69.625	66.44054		
COLN	19990819	9	72	78.74885		
COLN	19990819	13	72.25	69.61783		
COLN	19990819	12	74.375	72.63023		
COLN	19990819	11	75.125	76.61931		
COLN	19990819	10	75.5	79.40358	75.5	79.40358
COLN	19990820	0	33.375	55.57723		
COLN	19990820	1	35.75	52.95395		
COLN	19990820	19	39.125	34.96284		
COLN	19990820	20	39.125	31.08133		
COLN	19990820	21	40.875	28.66011		
COLN	19990820	18	41.375	39.8707		
COLN	19990820	23	42.25	27.43152		
COLN	19990820	22	42.5	27.55668		
COLN	19990820	17	44.125	45.44173		
COLN	19990820	16	50	51.05531		
COLN	19990820	15	54.5	56.42367		
COLN	19990820	14	57.875	61.21062		
COLN	19990820	13	62.625	65.12408		
COLN	19990820	12	67.125	68.17678		
COLN	19990820	10	67.75	69.96557		
COLN	19990820	11	69.125	70.04547	69.125	70.04547
COLN	19990820	2				
COLN	19990820	3				
COLN	19990820	4				
COLN	19990820	5				
COLN	19990820	6				
COLN	19990820	7				
COLN	19990820	8				
COLN	19990820	9				
COLN	19990821	0	43.5	28.19944		
COLN	19990821	1	46.75	31.22107		
COLN	19990821	2	48.625	36.76816		
COLN	19990821	23	48.75	35.07919		
COLN	19990821	22	51.875	36.53706		
COLN	19990821	3	52.375	44.04409		
COLN	19990821	21	55	38.55929		

COLN	19990821	4	56.75	51.84879		
COLN	19990821	20	57	40.80414		
COLN	19990821	19	59	43.41165		
COLN	19990821	5	61	59.51587		
COLN	19990821	18	61.625	46.55417		
COLN	19990821	17	63.25	50.70078		
COLN	19990821	6	65.5	66.58921		
COLN	19990821	16	67.25	55.78724		
COLN	19990821	15	70.75	61.06453		
COLN	19990821	7	70.875	72.7029		
COLN	19990821	14	73.5	66.05361		
COLN	19990821	8	75	78.06667		
COLN	19990821	13	75.375	71.02064		
COLN	19990821	12	77.5	75.47224		
COLN	19990821	9	77.875	81.12146		
COLN	19990821	11	79.375	79.02647		
COLN	19990821	10	79.5	81.31294	79.5	81.31294
COLN	19990822	23	25.375	18.55786		
COLN	19990822	22	29.375	20.67505		
COLN	19990822	21	32.5	23.02669		
COLN	19990822	20	36.875	26.01308		
COLN	19990822	19	42.125	29.91854		
COLN	19990822	2	44.25	40.68959		
COLN	19990822	3	45.75	47.98483		
COLN	19990822	1	46.5	36.26255		
COLN	19990822	0	47.25	34.42088		
COLN	19990822	18	47.625	34.58047		
COLN	19990822	4	49.5	56.85716		
COLN	19990822	17	53.125	40.13602		
COLN	19990822	5	55.25	66.19946		
COLN	19990822	16	61.5	46.84588		
COLN	19990822	6	62.75	74.34219		
COLN	19990822	15	69.125	54.26709		
COLN	19990822	7	70.875	81.6491		
COLN	19990822	14	76.625	62.05677		
COLN	19990822	8	77.75	88.35535		
COLN	19990822	13	83.625	70.18411		
COLN	19990822	9	84.25	92.02438		
COLN	19990822	12	88	78.88279		
COLN	19990822	10	88.75	91.31209		
COLN	19990822	11	89.875	86.33185	89.875	86.33185
COLN	19990823	23	12.25	13.35357		
COLN	19990823	22	16	13.13798		
COLN	19990823	21	17.75	13.1324		
COLN	19990823	3	18.875	15.89882		
COLN	19990823	2	19	13.18124		
COLN	19990823	4	20.375	22.56591		
COLN	19990823	20	20.5	14.07824		
COLN	19990823	1	21.125	14.26113		
COLN	19990823	0	22.5	16.22792		
COLN	19990823	5	22.625	30.97561		

COLN	19990823	19	23.375	16.54421	
COLN	19990823	6	25.625	39.98893	
COLN	19990823	18	26.875	20.5997	
COLN	19990823	17	31	26.56186	
COLN	19990823	7	31.25	48.97429	
COLN	19990823	16	36.25	33.82549	
COLN	19990823	8	37.5	57.68246	
COLN	19990823	15	40.5	42.32619	
COLN	19990823	9	42.875	65.09979	
COLN	19990823	14	43.25	51.37859	
COLN	19990823	10	46.25	70.93644	
COLN	19990823	13	46.375	60.06857	
COLN	19990823	11	47.75	71.69457	
COLN	19990823	12	47.75	67.37184	47.75 67.37184
COLN	19990824	0	10	13.87256	
COLN	19990824	1	10.375	15.33672	
COLN	19990824	2	12.125	17.8379	
COLN	19990824	3	15.875	22.01638	
COLN	19990824	4	20.75	28.0972	
COLN	19990824	5	26.75	35.66237	
COLN	19990824	6	35.125	43.63957	
COLN	19990824	23	36.625	31.424	
COLN	19990824	22	43.5	31.23979	
COLN	19990824	7	44.25	51.20434	
COLN	19990824	21	47.625	30.75264	
COLN	19990824	20	50	30.98486	
COLN	19990824	18	51.125	33.93142	
COLN	19990824	19	51.375	31.92861	
COLN	19990824	17	51.875	36.80076	
COLN	19990824	8	52.125	57.41378	
COLN	19990824	16	56	40.32408	
COLN	19990824	9	58.375	61.65132	
COLN	19990824	15	59.625	44.83149	
COLN	19990824	14	61.875	50.43578	
COLN	19990824	10	62.25	64.20662	
COLN	19990824	11	63.5	64.31241	
COLN	19990824	13	64.125	56.55872	
COLN	19990824	12	64.25	61.55167	64.25 61.55167
COLN	19990825	23	19.5	7.618575	
COLN	19990825	22	22.25	6.513521	
COLN	19990825	21	25.125	5.262292	
COLN	19990825	20	26.375	5.472087	
COLN	19990825	19	30.375	8.194685	
COLN	19990825	0	32.875	31.31296	
COLN	19990825	1	34.25	32.26816	
COLN	19990825	2	34.375	34.76083	
COLN	19990825	3	35.75	37.7728	
COLN	19990825	18	39.25	13.34685	
COLN	19990825	4	39.75	42.21586	
COLN	19990825	5	45.875	48.02184	
COLN	19990825	17	48.75	20.74054	

COLN	19990825	6	54.75	54.62814		
COLN	19990825	16	59.375	29.85389		
COLN	19990825	7	66.75	62.12369		
COLN	19990825	15	69	40.40097		
COLN	19990825	14	77.875	51.46124		
COLN	19990825	8	78.25	69.37719		
COLN	19990825	13	85.25	61.91208		
COLN	19990825	9	85.75	73.92043		
COLN	19990825	12	91.125	69.92987		
COLN	19990825	10	91.375	75.21505		
COLN	19990825	11	94.25	74.28928	94.25	74.28928
COLN	19990826	0	18	8.959439		
COLN	19990826	1	18.75	10.66295		
COLN	19990826	2	20.875	14.00651		
COLN	19990826	3	25.25	20.916		
COLN	19990826	20	29.5	15.98211		
COLN	19990826	21	30.875	15.03444		
COLN	19990826	4	31.125	30.47066		
COLN	19990826	19	31.75	18.91904		
COLN	19990826	22	33.5	15.22757		
COLN	19990826	23	34.25	15.74685		
COLN	19990826	5	37.125	42.45514		
COLN	19990826	18	37.375	25.47738		
COLN	19990826	17	43	35.45136		
COLN	19990826	6	46.5	56.95659		
COLN	19990826	16	52.25	47.48504		
COLN	19990826	7	58	72.54636		
COLN	19990826	15	62.25	61.94848		
COLN	19990826	8	69.625	86.80522		
COLN	19990826	14	71	77.27782		
COLN	19990826	9	78.5	98.98167		
COLN	19990826	13	79	90.98863		
COLN	19990826	10	83.375	107.0831		
COLN	19990826	12	84.125	101.2741		
COLN	19990826	11	86	107.3864	86	107.3864
COLN	19990827	23	31.75	25.4307		
COLN	19990827	22	34.25	23.57157		
COLN	19990827	0	35.125	16.47165		
COLN	19990827	21	36.625	21.12952		
COLN	19990827	20	38.5	19.2265		
COLN	19990827	1	38.625	17.42255		
COLN	19990827	19	40.125	19.65269		
COLN	19990827	2	41.125	21.93087		
COLN	19990827	18	42.875	22.85739		
COLN	19990827	17	44.125	28.10523		
COLN	19990827	3	44.75	29.86674		
COLN	19990827	16	46.875	37.64109		
COLN	19990827	4	48.75	40.41936		
COLN	19990827	15	49.125	51.11524		
COLN	19990827	14	50.25	65.62239		
COLN	19990827	5	52.5	52.59646		

COLN	19990827	13	54.75	79.78521		
COLN	19990827	6	57.75	66.02615		
COLN	19990827	12	58.25	92.56397		
COLN	19990827	7	60.5	80.53696		
COLN	19990827	11	60.875	101.2596		
COLN	19990827	10	61.875	104.3236		
COLN	19990827	9	63	102.701		
COLN	19990827	8	63.125	94.04439	63.125	94.04439
COLN	19990828	0	31.125	26.8533		
COLN	19990828	1	32.25	29.63434		
COLN	19990828	2	33.625	33.95969		
COLN	19990828	3	38.125	40.25341		
COLN	19990828	23	38.375	27.06999		
COLN	19990828	22	41.625	22.68844		
COLN	19990828	4	44.5	49.72315		
COLN	19990828	21	46.25	18.60256		
COLN	19990828	20	49.625	16.03648		
COLN	19990828	5	51.875	60.82865		
COLN	19990828	19	53.875	15.48444		
COLN	19990828	18	58.375	17.66837		
COLN	19990828	6	60.25	71.26244		
COLN	19990828	17	62.375	23.97586		
COLN	19990828	7	68.375	81.45802		
COLN	19990828	16	68.875	34.32946		
COLN	19990828	15	74.25	46.94048		
COLN	19990828	8	75.375	91.41009		
COLN	19990828	14	77.375	60.83698		
COLN	19990828	13	80.25	75.14479		
COLN	19990828	9	81.375	99.04594		
COLN	19990828	12	84.125	88.47677		
COLN	19990828	10	85.125	101.5584		
COLN	19990828	11	86.25	97.94006	86.25	97.94006
COLN	19990829	23	37.25	33.99278		
COLN	19990829	0	39.5	31.27369		
COLN	19990829	22	41	36.36623		
COLN	19990829	21	43.25	37.53967		
COLN	19990829	1	43.75	36.28613		
COLN	19990829	20	45.125	38.4493		
COLN	19990829	2	47.125	44.16669		
COLN	19990829	19	48.125	40.10375		
COLN	19990829	18	51.5	43.83729		
COLN	19990829	3	52.25	54.99132		
COLN	19990829	17	55.625	49.7091		
COLN	19990829	4	58.375	67.02536		
COLN	19990829	16	61.5	57.1146		
COLN	19990829	5	64.75	78.28392		
COLN	19990829	15	66.5	65.96581		
COLN	19990829	14	70.625	75.91357		
COLN	19990829	6	71.5	88.79369		
COLN	19990829	13	75	86.22895		
COLN	19990829	7	77.625	99.00537		

COLN	19990829	12	79.25	96.73395		
COLN	19990829	8	81.625	107.8446		
COLN	19990829	11	81.75	106.7283		
COLN	19990829	9	83.125	113.2143		
COLN	19990829	10	83.125	112.9372	83.125	112.9372
COLN	19990830	0	36.75	31.50217		
COLN	19990830	1	38.875	30.22044		
COLN	19990830	2	42.25	32.04954		
COLN	19990830	23	43.125	42.28251		
COLN	19990830	22	44	42.2931		
COLN	19990830	21	44.5	40.99562		
COLN	19990830	20	45.25	39.78787		
COLN	19990830	19	47	39.54863		
COLN	19990830	3	47.125	37.11425		
COLN	19990830	18	50.375	41.08946		
COLN	19990830	4	53.25	44.6627		
COLN	19990830	17	54	43.94941		
COLN	19990830	5	60.25	52.72902		
COLN	19990830	16	60.75	48.33028		
COLN	19990830	15	66.5	54.04128		
COLN	19990830	6	67.25	60.69899		
COLN	19990830	14	70.875	60.71421		
COLN	19990830	7	74.125	69.18253		
COLN	19990830	13	76	67.98683		
COLN	19990830	8	78.875	76.93645		
COLN	19990830	12	80	75.39666		
COLN	19990830	9	82.5	82.51505		
COLN	19990830	11	82.5	81.63648		
COLN	19990830	10	83.5	84.05895	83.5	84.05895
COLN	19990831	23	37	48.20728		
COLN	19990831	22	40.875	47.35344		
COLN	19990831	21	42.5	45.4192		
COLN	19990831	0	44.375	41.14257		
COLN	19990831	20	44.625	43.38762		
COLN	19990831	19	46.375	41.83469		
COLN	19990831	1	48.375	40.57838		
COLN	19990831	18	49.5	41.83491		
COLN	19990831	2	51	42.90426		
COLN	19990831	17	54.125	43.95252		
COLN	19990831	3	54.875	47.00583		
COLN	19990831	4	58.875	51.14582		
COLN	19990831	16	60.875	47.34917		
COLN	19990831	5	63.125	55.1314		
COLN	19990831	15	66.75	51.56681		
COLN	19990831	6	68.125	59.46711		
COLN	19990831	14	70.5	56.31011		
COLN	19990831	7	73.5	64.97468		
COLN	19990831	13	74.5	61.36227		
COLN	19990831	12	77.75	66.55808		
COLN	19990831	8	78.375	70.92364		
COLN	19990831	11	81.125	71.69331		

COLN	19990831	9	81.375	75.25079	
COLN	19990831	10	82.5	75.33843	82.5 75.33843
COLN	19990901	0	35.75	48.54386	
COLN	19990901	1	38.5	50.28812	
COLN	19990901	2	40.625	53.10289	
COLN	19990901	3	44.375	57.3504	
COLN	19990901	4	49.5	63.22691	
COLN	19990901	5	55.125	69.28082	
COLN	19990901	16	59.125	53.80661	
COLN	19990901	6	60.375	74.37437	
COLN	19990901	15	64.125	58.86197	
COLN	19990901	14	67.125	64.21146	
COLN	19990901	7	67.625	79.42944	
COLN	19990901	13	70.375	69.99752	
COLN	19990901	8	74.125	83.97962	
COLN	19990901	12	74.625	76.37796	
COLN	19990901	9	77	85.91096	
COLN	19990901	11	78.625	82.10058	
COLN	19990901	10	79	85.37249	79 85.37249
COLN	19990901	17			
COLN	19990901	18			
COLN	19990901	19			
COLN	19990901	20			
COLN	19990901	21			
COLN	19990901	22			
COLN	19990901	23			

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3		
DALN	19990813	2	14	18.84994		
DALN	19990813	1	15	18.52212		
DALN	19990813	3	15.375	20.74333		
DALN	19990813	0	17.375	19.8643		
DALN	19990813	4	18.875	24.21604		
DALN	19990813	5	22.5	29.28592		
DALN	19990813	6	28.125	36.31028		
DALN	19990813	23	36	13.87789		
DALN	19990813	7	36.5	44.12677		
DALN	19990813	22	37.75	11.43731		
DALN	19990813	18	39.375	11.83028		
DALN	19990813	19	39.5	7.833207		
DALN	19990813	17	40.625	17.92207		
DALN	19990813	20	40.75	7.066557		
DALN	19990813	21	41	8.806161		
DALN	19990813	16	44	25.75162		
DALN	19990813	8	44.875	51.3465		
DALN	19990813	15	48.75	34.45153		
DALN	19990813	9	52.75	57.5116		
DALN	19990813	14	53.25	43.29604		
DALN	19990813	13	53.875	51.53098		
DALN	19990813	12	55.75	58.40428		
DALN	19990813	10	57.25	61.45278		
DALN	19990813	11	58.125	62.10764	58.125	62.10764
DALN	19990814	1	35.375	21.86333		
DALN	19990814	0	35.625	17.02122		
DALN	19990814	2	36.625	28.01679		
DALN	19990814	3	40.125	35.19333		
DALN	19990814	4	45.875	42.69613		
DALN	19990814	5	52.75	49.81014		
DALN	19990814	17	53.625	23.95472		
DALN	19990814	16	56.625	30.24014		
DALN	19990814	15	59.75	37.80736		
DALN	19990814	6	60.625	56.34855		
DALN	19990814	14	64	45.88938		
DALN	19990814	7	68.125	62.80448		
DALN	19990814	13	69.25	53.44081		
DALN	19990814	8	74	67.64198		
DALN	19990814	12	74.5	60.15392		
DALN	19990814	9	78.625	69.49623		
DALN	19990814	11	79.5	65.885		
DALN	19990814	10	80.75	68.89175	80.75	68.89175
DALN	19990814	18				
DALN	19990814	19				
DALN	19990814	20				
DALN	19990814	21				

DALN	19990814	22			
DALN	19990814	23			
DALN	19990815	23	37	26.70091	
DALN	19990815	22	41.375	31.51228	
DALN	19990815	21	43.875	36.84985	
DALN	19990815	3	44.75	42.7741	
DALN	19990815	20	45.75	41.20179	
DALN	19990815	19	47.875	43.24653	
DALN	19990815	4	50	51.0342	
DALN	19990815	18	50.125	46.44718	
DALN	19990815	17	53.375	50.49645	
DALN	19990815	5	55.75	59.58891	
DALN	19990815	16	57.625	55.03045	
DALN	19990815	15	61.875	59.38571	
DALN	19990815	6	63.75	68.19753	
DALN	19990815	14	69.25	64.916	
DALN	19990815	7	72.25	76.71576	
DALN	19990815	13	76.75	69.83516	
DALN	19990815	8	79.125	82.55111	
DALN	19990815	12	82.125	74.4545	
DALN	19990815	9	84.25	84.74278	
DALN	19990815	11	85.5	80.5062	
DALN	19990815	10	86.5	83.94353	86.5 83.94353
DALN	19990815	0			
DALN	19990815	1			
DALN	19990815	2			
DALN	19990816	23	21.375	34.7151	
DALN	19990816	22	25.25	38.58192	
DALN	19990816	21	28.375	41.33157	
DALN	19990816	1	29.25	21.9231	
DALN	19990816	2	29.875	24.00127	
DALN	19990816	20	31	42.17146	
DALN	19990816	0	31.75	22.61267	
DALN	19990816	3	33.75	28.45897	
DALN	19990816	19	34.25	42.5999	
DALN	19990816	18	39	44.25489	
DALN	19990816	4	39.875	34.54438	
DALN	19990816	17	45.375	46.03621	
DALN	19990816	5	48	42.15702	
DALN	19990816	16	53.25	48.42918	
DALN	19990816	15	58.875	52.3758	
DALN	19990816	6	59	51.83721	
DALN	19990816	14	67.5	59.06807	
DALN	19990816	7	71	62.19062	
DALN	19990816	13	77	66.37713	
DALN	19990816	8	79.25	71.06463	
DALN	19990816	12	84	72.94454	
DALN	19990816	9	85.875	76.66411	
DALN	19990816	11	88.25	77.69766	
DALN	19990816	10	89.25	78.80551	89.25 78.80551
DALN	19990817	0	18.25	29.63646	

DALN	19990817	1	20	25.4845		
DALN	19990817	2	25.875	24.28115		
DALN	19990817	3	34	26.084		
DALN	19990817	4	44	30.27117		
DALN	19990817	5	57.125	36.34369		
DALN	19990817	17	59.625	20.28767		
DALN	19990817	16	66.75	27.28044		
DALN	19990817	6	72.25	44.90818		
DALN	19990817	15	73.75	35.64137		
DALN	19990817	14	83.5	44.99825		
DALN	19990817	7	87.75	54.08083		
DALN	19990817	13	95.125	54.68588		
DALN	19990817	8	100.25	62.48082		
DALN	19990817	12	104.25	63.76164		
DALN	19990817	9	109.375	68.66486		
DALN	19990817	11	109.375	69.85822		
DALN	19990817	10	111.25	71.11803	111.25	71.11803
DALN	19990817	18				
DALN	19990817	19				
DALN	19990817	20				
DALN	19990817	21				
DALN	19990817	22				
DALN	19990817	23				
DALN	19990818	23	15.625	0.381907		
DALN	19990818	22	20.5	0.000001		
DALN	19990818	21	24.375	0.063395		
DALN	19990818	20	28.125	1.287502		
DALN	19990818	3	31.75	20.14888		
DALN	19990818	19	33.75	5.072357		
DALN	19990818	4	37.375	28.62218		
DALN	19990818	18	42	12.61175		
DALN	19990818	5	45.75	38.92448		
DALN	19990818	17	52.625	22.01848		
DALN	19990818	6	57.625	50.79224		
DALN	19990818	16	62.75	32.47957		
DALN	19990818	7	70.125	62.35613		
DALN	19990818	15	70.875	43.83463		
DALN	19990818	14	78.875	55.81287		
DALN	19990818	8	81.125	72.95798		
DALN	19990818	13	88.5	67.79487		
DALN	19990818	9	90	81.29279		
DALN	19990818	12	96.125	78.38003		
DALN	19990818	10	96.625	85.714		
DALN	19990818	11	99	85.25765	99	85.25765
DALN	19990818	0				
DALN	19990818	1				
DALN	19990818	2				
DALN	19990819	0	11.75	1.279737		
DALN	19990819	1	11.75	3.91461		
DALN	19990819	2	14.5	9.601274		
DALN	19990819	3	18.75	17.6445		

DALN	19990819	4	25.5	27.11838		
DALN	19990819	5	35.125	37.52525		
DALN	19990819	17	37.375	46.10156		
DALN	19990819	16	37.875	48.6329		
DALN	19990819	18	38.875	44.98615		
DALN	19990819	23	41	46.62105		
DALN	19990819	15	42.875	53.09464		
DALN	19990819	19	43.5	44.774		
DALN	19990819	22	45.75	48.55865		
DALN	19990819	6	46.375	47.98671		
DALN	19990819	20	47.25	47.23249		
DALN	19990819	14	47.625	58.85869		
DALN	19990819	21	48.375	49.03042		
DALN	19990819	13	53.25	64.18694		
DALN	19990819	7	57.75	57.74188		
DALN	19990819	12	60.875	70.4017		
DALN	19990819	11	67.75	75.57431		
DALN	19990819	8	68.25	66.63643		
DALN	19990819	9	72.75	73.20512		
DALN	19990819	10	73	76.06587	73	76.06587
DALN	19990820	19	14.25	16.28021		
DALN	19990820	20	15.375	14.93572		
DALN	19990820	18	18.125	20.37832		
DALN	19990820	21	18.25	15.77108		
DALN	19990820	22	20.75	17.69237		
DALN	19990820	23	21.5	19.85268		
DALN	19990820	17	25	25.6067		
DALN	19990820	16	33	32.01192		
DALN	19990820	1	35.75	41.65977		
DALN	19990820	2	35.875	40.15098		
DALN	19990820	3	37.5	40.22369		
DALN	19990820	0	38	44.03976		
DALN	19990820	15	39.875	39.43412		
DALN	19990820	4	40.125	41.88313		
DALN	19990820	5	44.5	44.946		
DALN	19990820	14	46.375	47.3212		
DALN	19990820	6	50.625	49.6743		
DALN	19990820	13	55	54.92324		
DALN	19990820	7	57.75	56.37343		
DALN	19990820	8	63.5	62.14865		
DALN	19990820	12	63.75	61.48572		
DALN	19990820	9	68	65.77231		
DALN	19990820	11	69.75	65.89372		
DALN	19990820	10	70.125	66.9919	70.125	66.9919
DALN	19990821	0	23.75	22.97816		
DALN	19990821	1	29.5	27.93785		
DALN	19990821	2	36.25	34.49048		
DALN	19990821	3	43.125	41.9344		
DALN	19990821	4	50.625	49.58964		
DALN	19990821	5	58.375	56.85634		
DALN	19990821	6	66	63.42641		

DALN	19990821	17	67.75	41.30165		
DALN	19990821	16	70.625	46.94899		
DALN	19990821	7	72.5	69.72916		
DALN	19990821	15	72.75	53.55298		
DALN	19990821	14	75.5	59.92329		
DALN	19990821	8	78.125	74.95692		
DALN	19990821	13	79.375	66.11057		
DALN	19990821	9	81.75	77.50918		
DALN	19990821	12	83.5	71.83847		
DALN	19990821	10	84.375	77.5172		
DALN	19990821	11	85.5	75.78788	85.5	75.78788
DALN	19990821	18				
DALN	19990821	19				
DALN	19990821	20				
DALN	19990821	21				
DALN	19990821	22				
DALN	19990821	23				
DALN	19990822	23	26	15.17934		
DALN	19990822	22	29.5	18.09142		
DALN	19990822	21	33	20.97707		
DALN	19990822	20	36.875	23.11494		
DALN	19990822	3	40.75	44.42008		
DALN	19990822	19	41.125	26.31407		
DALN	19990822	4	44.75	50.98093		
DALN	19990822	18	45.75	30.73908		
DALN	19990822	17	50.25	35.65016		
DALN	19990822	5	50.5	57.87987		
DALN	19990822	16	55.125	40.99929		
DALN	19990822	6	57.875	64.30039		
DALN	19990822	15	62.125	46.85357		
DALN	19990822	7	65.25	70.89996		
DALN	19990822	14	69	53.55436		
DALN	19990822	8	72.75	76.29692		
DALN	19990822	13	76.75	60.29159		
DALN	19990822	9	79.5	77.90868		
DALN	19990822	12	81.875	67.1904		
DALN	19990822	10	83.75	76.18284		
DALN	19990822	11	84	72.73109	84	72.73109
DALN	19990822	0				
DALN	19990822	1				
DALN	19990822	2				
DALN	19990823	23	15.375	6.382765		
DALN	19990823	3	16	16.27589		
DALN	19990823	4	16.25	22.19325		
DALN	19990823	2	17.25	11.89259		
DALN	19990823	5	19	28.94902		
DALN	19990823	22	19.5	5.987488		
DALN	19990823	1	19.875	10.59784		
DALN	19990823	21	23.25	6.092751		
DALN	19990823	0	23.5	12.39225		
DALN	19990823	20	23.5	6.085938		

DALN	19990823	19	24.5	7.829378		
DALN	19990823	6	24.625	37.19326		
DALN	19990823	18	26.375	11.9836		
DALN	19990823	17	29	17.50259		
DALN	19990823	7	30.75	45.26893		
DALN	19990823	16	32.75	24.2237		
DALN	19990823	8	36.25	52.6216		
DALN	19990823	15	36.75	31.89704		
DALN	19990823	14	39	40.24959		
DALN	19990823	9	40.5	58.77254		
DALN	19990823	13	41.125	48.41579		
DALN	19990823	10	43.25	61.41277		
DALN	19990823	12	44.125	55.44643		
DALN	19990823	11	44.5	60.19395	44.5	60.19395
DALN	19990824	0	13.75	7.074174		
DALN	19990824	1	13.875	8.681663		
DALN	19990824	2	14.75	11.26122		
DALN	19990824	3	17.375	15.07541		
DALN	19990824	4	22.625	20.08103		
DALN	19990824	5	30	26.62623		
DALN	19990824	17	35.75	6.423823		
DALN	19990824	6	38.25	35.70042		
DALN	19990824	16	40.375	10.29255		
DALN	19990824	15	45.375	18.04094		
DALN	19990824	7	48.125	44.9887		
DALN	19990824	14	51.375	27.73797		
DALN	19990824	13	56.75	37.18225		
DALN	19990824	8	57.625	51.87087		
DALN	19990824	12	63	45.10366		
DALN	19990824	9	64.25	53.83961		
DALN	19990824	10	67.25	52.89257		
DALN	19990824	11	67.75	50.16054	67.75	50.16054
DALN	19990824	18				
DALN	19990824	19				
DALN	19990824	20				
DALN	19990824	21				
DALN	19990824	22				
DALN	19990824	23				
DALN	19990825	19	18.75	4.792165		
DALN	19990825	20	20	6.461693		
DALN	19990825	18	21.875	6.704352		
DALN	19990825	21	22	8.703124		
DALN	19990825	23	22.625	10.16496		
DALN	19990825	22	22.75	9.646915		
DALN	19990825	3	28.125	18.59823		
DALN	19990825	17	30	11.71053		
DALN	19990825	4	33.125	23.94847		
DALN	19990825	16	39.625	19.07192		
DALN	19990825	5	40.75	31.03399		
DALN	19990825	15	51.625	28.1209		
DALN	19990825	6	52.125	40.08597		

DALN	19990825	14	63.5	38.06672		
DALN	19990825	7	64.375	49.41742		
DALN	19990825	13	75.5	48.19637		
DALN	19990825	8	76.25	57.48499		
DALN	19990825	12	85.125	57.66272		
DALN	19990825	9	86.25	63.64912		
DALN	19990825	11	91.125	65.02309		
DALN	19990825	10	91.625	66.76129	91.625	66.76129
DALN	19990825	0				
DALN	19990825	1				
DALN	19990825	2				
DALN	19990826	1	20.625	12.40592		
DALN	19990826	2	21	16.26035		
DALN	19990826	0	22.75	11.15619		
DALN	19990826	3	24.5	24.02248		
DALN	19990826	23	27.625	14.23425		
DALN	19990826	4	29.5	33.21093		
DALN	19990826	22	30.875	13.24258		
DALN	19990826	21	33.375	10.90645		
DALN	19990826	20	33.875	7.686924		
DALN	19990826	19	35	4.913567		
DALN	19990826	18	37.875	4.666427		
DALN	19990826	5	38.375	43.66567		
DALN	19990826	17	43.375	7.497162		
DALN	19990826	16	50.375	12.59957		
DALN	19990826	6	50.875	55.60616		
DALN	19990826	15	57.75	20.38076		
DALN	19990826	7	63.375	66.30752		
DALN	19990826	14	66.625	31.60016		
DALN	19990826	8	75.5	73.26548		
DALN	19990826	13	77.25	44.48444		
DALN	19990826	9	85.75	77.51119		
DALN	19990826	12	86.25	57.18061		
DALN	19990826	11	91.625	68.69199		
DALN	19990826	10	92.125	76.59264	92.125	76.59264
DALN	19990827	0	23.25	15.37538		
DALN	19990827	1	23.75	16.67214		
DALN	19990827	2	25.75	21.57634		
DALN	19990827	3	29.625	29.1252		
DALN	19990827	23	33.375	23.15839		
DALN	19990827	4	35	37.50317		
DALN	19990827	22	37.25	23.15219		
DALN	19990827	21	41.875	21.95659		
DALN	19990827	5	42	46.02039		
DALN	19990827	20	45.5	20.70757		
DALN	19990827	19	46.75	20.39278		
DALN	19990827	18	49	22.2765		
DALN	19990827	6	51.375	55.30856		
DALN	19990827	17	51.875	26.43737		
DALN	19990827	16	54	31.52853		
DALN	19990827	15	56.125	38.80959		

DALN	19990827	14	60.125	47.24229		
DALN	19990827	7	60.5	65.05315		
DALN	19990827	13	63.375	56.21159		
DALN	19990827	12	66.25	65.08135		
DALN	19990827	8	67	73.07409		
DALN	19990827	11	69.25	73.04554		
DALN	19990827	9	69.5	78.39822		
DALN	19990827	10	70.75	78.28462	70.75	78.28462
DALN	19990828	1	30.625	24.19299		
DALN	19990828	0	31.5	23.16941		
DALN	19990828	2	32.25	28.13972		
DALN	19990828	3	36.625	35.47104		
DALN	19990828	4	42.625	44.96619		
DALN	19990828	5	50.75	55.08863		
DALN	19990828	6	60.75	65.5098		
DALN	19990828	17	65.375	8.334505		
DALN	19990828	16	68.875	11.14014		
DALN	19990828	7	70.375	75.88404		
DALN	19990828	15	72.625	19.16754		
DALN	19990828	14	76.625	31.82396		
DALN	19990828	8	78	82.89172		
DALN	19990828	13	79.875	46.09572		
DALN	19990828	9	83.75	84.64442		
DALN	19990828	12	83.75	60.33417		
DALN	19990828	10	87.125	81.98087		
DALN	19990828	11	87.25	73.35984	87.25	73.35984
DALN	19990828	18				
DALN	19990828	19				
DALN	19990828	20				
DALN	19990828	21				
DALN	19990828	22				
DALN	19990828	23				
DALN	19990829	23	31.625	28.1383		
DALN	19990829	22	38.25	31.17868		
DALN	19990829	21	44.875	32.59518		
DALN	19990829	20	49.625	32.48004		
DALN	19990829	19	50.375	32.26031		
DALN	19990829	18	51.5	33.02198		
DALN	19990829	17	54.375	35.57714		
DALN	19990829	3	55.625	50.84534		
DALN	19990829	16	57.875	39.80589		
DALN	19990829	4	61.5	61.01269		
DALN	19990829	15	61.625	45.54683		
DALN	19990829	14	65.375	53.0129		
DALN	19990829	5	67.125	70.39018		
DALN	19990829	13	69.375	61.85498		
DALN	19990829	6	72.75	78.14401		
DALN	19990829	12	75.5	71.74993		
DALN	19990829	7	78.375	85.31219		
DALN	19990829	11	81.5	81.51565		
DALN	19990829	8	83.125	90.94593		

DALN	19990829	10	85	89.49834		
DALN	19990829	9	85.5	93.04772	85.5	93.04772
DALN	19990829	0				
DALN	19990829	1				
DALN	19990829	2				
DALN	19990830	1	25.625	23.62452		
DALN	19990830	2	27	25.4668		
DALN	19990830	0	27.125	25.10369		
DALN	19990830	3	31.75	30.51233		
DALN	19990830	23	37.75	35.31833		
DALN	19990830	22	38.875	35.27612		
DALN	19990830	4	39.125	37.48352		
DALN	19990830	21	39.625	32.54379		
DALN	19990830	20	39.875	28.96878		
DALN	19990830	19	41.125	26.41447		
DALN	19990830	18	44.25	25.72216		
DALN	19990830	17	49.5	26.8192		
DALN	19990830	5	50.75	44.69479		
DALN	19990830	16	56.25	30.51199		
DALN	19990830	6	61.75	53.07382		
DALN	19990830	15	61.75	36.63195		
DALN	19990830	14	67.875	44.94395		
DALN	19990830	7	71.5	62.19172		
DALN	19990830	13	74.25	54.1472		
DALN	19990830	8	78.75	69.85744		
DALN	19990830	12	80.375	63.11659		
DALN	19990830	9	83.375	74.91394		
DALN	19990830	11	84.5	70.89962		
DALN	19990830	10	85.875	75.13795	85.875	75.13795
DALN	19990831	0	38.25	34.1499		
DALN	19990831	1	41.25	32.51907		
DALN	19990831	2	44.5	33.80308		
DALN	19990831	3	48.125	37.39622		
DALN	19990831	17	49.125	32.86918		
DALN	19990831	16	52.125	36.10823		
DALN	19990831	4	52.375	41.39061		
DALN	19990831	15	56.875	41.00579		
DALN	19990831	5	57.875	45.76878		
DALN	19990831	14	62.875	47.32861		
DALN	19990831	6	64.375	51.59073		
DALN	19990831	13	68	54.69941		
DALN	19990831	7	71.625	59.50464		
DALN	19990831	12	72	62.26916		
DALN	19990831	11	75.875	68.68068		
DALN	19990831	8	76.125	66.7057		
DALN	19990831	10	78.625	72.32199		
DALN	19990831	9	78.75	72.06112	78.75	72.06112
DALN	19990831	18				
DALN	19990831	19				
DALN	19990831	20				
DALN	19990831	21				

DALN	19990831	22			
DALN	19990831	23			
DALN	19990901	3	46.875	53.93517	
DALN	19990901	4	52.125	58.31612	
DALN	19990901	16	56.125	42.22704	
DALN	19990901	5	57	61.90193	
DALN	19990901	15	60.25	46.16603	
DALN	19990901	6	61.75	65.2094	
DALN	19990901	14	63.875	50.77805	
DALN	19990901	13	67.125	56.00212	
DALN	19990901	7	68.5	69.30688	
DALN	19990901	12	71.75	61.71266	
DALN	19990901	8	76	72.96987	
DALN	19990901	11	77.25	67.59914	
DALN	19990901	10	79	72.07865	
DALN	19990901	9	79.125	74.00425	79.125 74.00425
DALN	19990901	0			
DALN	19990901	1			
DALN	19990901	2			
DALN	19990901	17			
DALN	19990901	18			
DALN	19990901	19			
DALN	19990901	20			
DALN	19990901	21			
DALN	19990901	22			
DALN	19990901	23			

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3		
DENT	19990813	1	17.75	32.77082		
DENT	19990813	2	18.375	33.42362		
DENT	19990813	0	18.625	33.43473		
DENT	19990813	3	20	35.53281		
DENT	19990813	4	21.625	38.21859		
DENT	19990813	5	24.25	41.10698		
DENT	19990813	6	28.5	44.3201		
DENT	19990813	7	34	48.03273		
DENT	19990813	23	34.375	35.09938		
DENT	19990813	22	38.125	33.49244		
DENT	19990813	8	41	52.6112		
DENT	19990813	19	41.5	36.70557		
DENT	19990813	21	42.75	32.83794		
DENT	19990813	18	42.875	40.80531		
DENT	19990813	20	43.125	33.83435		
DENT	19990813	17	47.5	45.57689		
DENT	19990813	9	48.375	57.27577		
DENT	19990813	16	52.625	50.58827		
DENT	19990813	13	54.625	61.77131		
DENT	19990813	10	55.25	60.8568		
DENT	19990813	15	55.5	55.28204		
DENT	19990813	12	55.75	63.09678		
DENT	19990813	14	56	59.07845		
DENT	19990813	11	57.375	62.73818	57.375	62.73818
DENT	19990814	0	33.25	36.97214		
DENT	19990814	1	34.5	39.57319		
DENT	19990814	2	35.625	42.74902		
DENT	19990814	3	39.125	46.33723		
DENT	19990814	4	44.625	50.21993		
DENT	19990814	5	51.5	54.09535		
DENT	19990814	17	58.625	46.2833		
DENT	19990814	6	58.875	57.58406		
DENT	19990814	16	64.875	52.02676		
DENT	19990814	7	66.375	60.77694		
DENT	19990814	15	69.75	57.17258		
DENT	19990814	8	72.5	63.92917		
DENT	19990814	14	73.375	61.371		
DENT	19990814	13	76.875	64.39541		
DENT	19990814	9	77.125	66.21084		
DENT	19990814	10	80.625	67.48869		
DENT	19990814	12	80.75	66.43861		
DENT	19990814	11	82.125	67.51676	82.125	67.51676
DENT	19990814	18				
DENT	19990814	19				
DENT	19990814	20				
DENT	19990814	21				

DENT	19990814	22			
DENT	19990814	23			
DENT	19990815	23	24.125	42.45909	
DENT	19990815	22	28.125	45.84822	
DENT	19990815	21	32	48.78878	
DENT	19990815	20	36	51.24942	
DENT	19990815	3	40.25	42.81826	
DENT	19990815	19	42	53.87921	
DENT	19990815	18	48.375	56.88907	
DENT	19990815	4	50	52.28827	
DENT	19990815	17	55	60.24543	
DENT	19990815	5	60.5	61.34515	
DENT	19990815	16	61	63.30467	
DENT	19990815	15	67.75	66.11873	
DENT	19990815	6	69.875	69.50176	
DENT	19990815	14	75.25	69.44376	
DENT	19990815	7	78.625	76.64385	
DENT	19990815	13	82.875	73.47665	
DENT	19990815	8	85.625	82.61972	
DENT	19990815	12	89.25	78.1668	
DENT	19990815	9	90.375	85.6424	
DENT	19990815	11	92.625	82.51454	
DENT	19990815	10	93	85.45614	93 85.45614
DENT	19990815	0			
DENT	19990815	1			
DENT	19990815	2			
DENT	19990816	23	8.25	39.44449	
DENT	19990816	22	12	42.02284	
DENT	19990816	21	17	44.93711	
DENT	19990816	1	21.25	38.24864	
DENT	19990816	0	21.5	38.59512	
DENT	19990816	2	24.125	40.35413	
DENT	19990816	20	24.125	48.01922	
DENT	19990816	3	30.375	44.26829	
DENT	19990816	19	32.375	51.48301	
DENT	19990816	4	39.75	50.16439	
DENT	19990816	18	41.875	55.22749	
DENT	19990816	5	51.125	57.54986	
DENT	19990816	17	51.75	59.73777	
DENT	19990816	16	62.125	65.14471	
DENT	19990816	6	64	65.84966	
DENT	19990816	15	72.75	71.29129	
DENT	19990816	7	75.5	74.61763	
DENT	19990816	14	81.375	77.98124	
DENT	19990816	8	86.875	83.50314	
DENT	19990816	13	90.75	84.01337	
DENT	19990816	9	95	88.87399	
DENT	19990816	12	97	88.77039	
DENT	19990816	10	99.125	91.46997	
DENT	19990816	11	100	91.37937	100 91.37937
DENT	19990817	0	6.625	37.18997	

DENT	19990817	1	9.25	36.95134		
DENT	19990817	2	19.125	38.91955		
DENT	19990817	3	29.75	43.1255		
DENT	19990817	4	42.375	49.62511		
DENT	19990817	5	55.75	58.3538		
DENT	19990817	6	71.375	68.60925		
DENT	19990817	17	75.5	54.3323		
DENT	19990817	7	87	79.45022		
DENT	19990817	16	89.75	65.9622		
DENT	19990817	8	101.125	89.52502		
DENT	19990817	15	101.875	77.17664		
DENT	19990817	9	112.875	97.0057		
DENT	19990817	14	113	87.15997		
DENT	19990817	10	120.375	101.5009		
DENT	19990817	13	122	95.14889		
DENT	19990817	11	126.125	102.7257		
DENT	19990817	12	126.375	100.5576	126.375	100.5576
DENT	19990817	18				
DENT	19990817	19				
DENT	19990817	20				
DENT	19990817	21				
DENT	19990817	22				
DENT	19990817	23				
DENT	19990818	23	17.875	32.38223		
DENT	19990818	22	21.75	36.36033		
DENT	19990818	3	26.25	38.74899		
DENT	19990818	21	28	41.85595		
DENT	19990818	20	35.375	48.75172		
DENT	19990818	4	36.75	47.07549		
DENT	19990818	19	43.625	57.37882		
DENT	19990818	5	48.5	56.19701		
DENT	19990818	18	54.625	67.6105		
DENT	19990818	6	61.125	66.34459		
DENT	19990818	17	66.125	78.52544		
DENT	19990818	7	73.5	76.87074		
DENT	19990818	16	77	89.01595		
DENT	19990818	8	84.375	87.54621		
DENT	19990818	15	85.875	98.12331		
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DENT	19990818	12	101.25	110.5889	101.25	110.5889
DENT	19990818	0				
DENT	19990818	1				
DENT	19990818	2				
DENT	19990819	0	17.125	30.17947		
DENT	19990819	1	19.625	31.59828		
DENT	19990819	2	24.25	36.28879		
DENT	19990819	3	29.125	42.92698		

DENT	19990819	23	29.625	53.9233		
DENT	19990819	4	34.25	49.95866		
DENT	19990819	22	34.5	54.64012		
DENT	19990819	21	39.125	55.0998		
DENT	19990819	5	41.125	56.7348		
DENT	19990819	20	44	55.23389		
DENT	19990819	6	48.625	63.14887		
DENT	19990819	19	49.5	55.07552		
DENT	19990819	18	54.375	55.73444		
DENT	19990819	7	56.5	69.10291		
DENT	19990819	17	58.5	57.12867		
DENT	19990819	8	63	74.48135		
DENT	19990819	16	63.375	59.10907		
DENT	19990819	15	67.375	61.4054		
DENT	19990819	9	68.25	77.15344		
DENT	19990819	14	70.5	64.04205		
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DENT	19990819	13	72.875	66.87463		
DENT	19990819	12	74.125	70.17619		
DENT	19990819	11	74.25	73.96858	74.25	73.96858
DENT	19990820	23	7.75	30.45934		
DENT	19990820	22	10.5	31.32904		
DENT	19990820	21	16.125	33.26832		
DENT	19990820	20	20.125	35.89923		
DENT	19990820	19	25.75	39.00401		
DENT	19990820	0	27.375	52.43329		
DENT	19990820	1	28.375	51.23128		
DENT	19990820	2	29.625	51.23764		
DENT	19990820	18	32.75	42.52472		
DENT	19990820	3	33.5	52.23245		
DENT	19990820	4	39.5	53.5847		
DENT	19990820	17	40.5	46.70694		
DENT	19990820	5	45.5	55.35181		
DENT	19990820	16	48.625	51.37066		
DENT	19990820	6	52.375	57.76259		
DENT	19990820	15	56	56.12663		
DENT	19990820	7	60.375	60.71106		
DENT	19990820	14	61.75	60.37819		
DENT	19990820	13	64.625	63.6641		
DENT	19990820	8	66.875	64.11497		
DENT	19990820	12	68.625	65.90156		
DENT	19990820	9	70	66.75832		
DENT	19990820	11	71.25	67.2319		
DENT	19990820	10	71.375	67.76509	71.375	67.76509
DENT	19990821	0	8.125	30.64883		
DENT	19990821	1	13.375	32.94731		
DENT	19990821	2	21.125	37.69627		
DENT	19990821	3	30.375	44.21966		
DENT	19990821	4	40.125	51.25317		
DENT	19990821	5	49.875	58.61852		
DENT	19990821	6	59.875	66.4527		

DENT	19990821	17	60	58.98864		
DENT	19990821	16	65.5	65.11743		
DENT	19990821	7	69.5	74.3381		
DENT	19990821	15	70.5	71.23698		
DENT	19990821	14	74.75	76.82321		
DENT	19990821	8	77.25	81.5891		
DENT	19990821	13	78.25	81.35619		
DENT	19990821	12	81.375	84.72702		
DENT	19990821	9	81.5	86.45763		
DENT	19990821	10	83.375	88.1723		
DENT	19990821	11	83.5	87.07594	83.5	87.07594
DENT	19990821	18				
DENT	19990821	19				
DENT	19990821	20				
DENT	19990821	21				
DENT	19990821	22				
DENT	19990821	23				
DENT	19990822	23	19	32.26332		
DENT	19990822	22	20.625	32.96631		
DENT	19990822	21	24.125	34.78588		
DENT	19990822	20	28.5	37.5885		
DENT	19990822	19	33.375	41.06267		
DENT	19990822	18	40.25	45.46314		
DENT	19990822	4	48.5	54.81274		
DENT	19990822	17	49.875	52.05421		
DENT	19990822	5	54.875	63.34898		
DENT	19990822	16	58.875	59.60215		
DENT	19990822	6	62.625	71.58205		
DENT	19990822	15	68	65.8574		
DENT	19990822	7	71.5	77.86006		
DENT	19990822	14	76.625	71.67001		
DENT	19990822	8	80	83.92194		
DENT	19990822	13	83	78.48006		
DENT	19990822	9	86.5	89.41675		
DENT	19990822	12	87.375	84.90076		
DENT	19990822	10	89.375	91.62546		
DENT	19990822	11	89.5	89.49876	89.5	89.49876
DENT	19990822	0				
DENT	19990822	1				
DENT	19990822	2				
DENT	19990822	3				
DENT	19990823	23	11.75	31.71793		
DENT	19990823	22	15.5	32.34816		
DENT	19990823	0	18.5	32.22249		
DENT	19990823	1	19	32.60086		
DENT	19990823	21	19	33.29417		
DENT	19990823	2	21.5	34.40315		
DENT	19990823	20	23.125	34.66596		
DENT	19990823	3	23.875	38.95505		
DENT	19990823	19	26.625	36.98069		
DENT	19990823	4	26.75	45.79844		

DENT	19990823	18	30.75	40.75783		
DENT	19990823	5	32.375	53.32715		
DENT	19990823	17	35.375	46.10072		
DENT	19990823	6	38.75	60.76188		
DENT	19990823	16	41	52.53609		
DENT	19990823	7	45.375	67.77126		
DENT	19990823	15	46	59.39291		
DENT	19990823	14	50.75	66.16719		
DENT	19990823	8	51.375	74.39448		
DENT	19990823	13	55.375	72.61622		
DENT	19990823	9	56.25	80.19498		
DENT	19990823	12	58.625	78.54599		
DENT	19990823	10	58.75	83.58133		
DENT	19990823	11	59.5	82.87225	59.5	82.87225
DENT	19990824	0	8.875	31.22361		
DENT	19990824	1	9.625	31.94952		
DENT	19990824	2	11.75	34.13373		
DENT	19990824	3	15.25	37.38906		
DENT	19990824	4	20.25	41.32104		
DENT	19990824	5	27.125	45.70338		
DENT	19990824	6	35.125	50.31106		
DENT	19990824	17	42.875	52.39256		
DENT	19990824	7	43.625	54.90151		
DENT	19990824	16	46.25	56.22569		
DENT	19990824	15	48.125	59.96438		
DENT	19990824	8	50.375	59.6237		
DENT	19990824	14	54	63.38497		
DENT	19990824	9	55	63.47195		
DENT	19990824	10	57.75	66.82593		
DENT	19990824	13	57.875	66.1322		
DENT	19990824	11	59	68.48672		
DENT	19990824	12	59.125	67.88686	59.125	67.88686
DENT	19990824	18				
DENT	19990824	19				
DENT	19990824	20				
DENT	19990824	21				
DENT	19990824	22				
DENT	19990824	23				
DENT	19990825	23	9.125	8.752223		
DENT	19990825	22	10.375	8.833449		
DENT	19990825	21	15.125	9.974531		
DENT	19990825	20	21.25	13.09615		
DENT	19990825	3	26.625	48.21122		
DENT	19990825	19	29.25	18.92484		
DENT	19990825	4	34	53.56839		
DENT	19990825	18	39.75	27.33054		
DENT	19990825	5	46	59.43862		
DENT	19990825	17	53.25	37.29668		
DENT	19990825	6	60.75	65.54663		
DENT	19990825	16	67.375	47.77021		
DENT	19990825	7	76	71.65038		

DENT	19990825	15	81.5	57.81115	
DENT	19990825	8	91.125	77.69489	
DENT	19990825	14	92.875	67.54208	
DENT	19990825	13	100.875	76.24582	
DENT	19990825	9	101.625	82.62269	
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DENT	19990825	10	108	85.6735	
DENT	19990825	11	110	85.86186	110 85.86186
DENT	19990825	0			
DENT	19990825	1			
DENT	19990825	2			
DENT	19990826	0	11.625	9.617294	
DENT	19990826	1	15.125	11.32751	
DENT	19990826	2	20.25	13.0689	
DENT	19990826	23	26.125	28.46527	
DENT	19990826	3	27.25	17.02658	
DENT	19990826	22	30.625	29.86962	
DENT	19990826	21	33.5	32.32024	
DENT	19990826	20	33.875	36.36552	
DENT	19990826	4	35.375	23.38619	
DENT	19990826	19	36	41.77884	
DENT	19990826	18	40.125	47.05711	
DENT	19990826	5	43.75	31.65031	
DENT	19990826	17	47.25	51.33395	
DENT	19990826	6	50.5	40.5326	
DENT	19990826	16	55.375	54.90698	
DENT	19990826	7	57.625	49.50185	
DENT	19990826	15	62.5	59.94578	
DENT	19990826	8	64.25	58.40459	
DENT	19990826	14	67.625	67.22569	
DENT	19990826	9	71.25	66.81363	
DENT	19990826	13	72	73.8682	
DENT	19990826	12	76.375	78.3337	
DENT	19990826	10	76.875	74.6536	
DENT	19990826	11	78	78.66483	78 78.66483
DENT	19990827	20	10.5	30.05422	
DENT	19990827	19	11.25	34.23365	
DENT	19990827	18	13	41.43313	
DENT	19990827	21	13.125	28.41793	
DENT	19990827	22	14.375	28.32976	
DENT	19990827	23	14.5	29.14733	
DENT	19990827	17	14.875	50.01661	
DENT	19990827	16	17.375	60.30276	
DENT	19990827	15	21	72.30811	
DENT	19990827	0	24.625	25.37285	
DENT	19990827	14	26.5	84.65005	
DENT	19990827	1	26.875	22.72781	
DENT	19990827	2	29.375	25.39445	
DENT	19990827	3	32.75	33.45495	
DENT	19990827	13	33.5	96.12928	
DENT	19990827	4	37.125	45.4211	

DENT	19990827	12	42.25	105.8326		
DENT	19990827	5	42.5	59.50421		
DENT	19990827	11	48.25	112.5809		
DENT	19990827	6	48.5	74.41693		
DENT	19990827	10	53.125	114.5846		
DENT	19990827	7	54.5	89.10396		
DENT	19990827	9	55.5	111.5962		
DENT	19990827	8	56.875	102.34	56.875	102.34
DENT	19990828	0	16.375	30.52678		
DENT	19990828	1	19.5	32.57596		
DENT	19990828	2	23.625	37.36134		
DENT	19990828	23	28.5	13.45919		
DENT	19990828	3	31.5	44.8333		
DENT	19990828	22	33.5	15.32346		
DENT	19990828	21	38.25	19.29223		
DENT	19990828	4	39.875	54.0133		
DENT	19990828	20	43	25.62862		
DENT	19990828	19	48.25	35.01567		
DENT	19990828	5	49.625	63.09762		
DENT	19990828	18	54.375	46.56478		
DENT	19990828	17	60.125	58.66813		
DENT	19990828	6	61.125	72.04337		
DENT	19990828	16	66.125	70.36703		
DENT	19990828	15	72.875	80.82709		
DENT	19990828	7	73	80.90061		
DENT	19990828	14	78.75	89.99055		
DENT	19990828	8	82.625	89.45181		
DENT	19990828	13	85.125	97.60011		
DENT	19990828	9	88.625	97.58105		
DENT	19990828	12	90.875	103.051		
DENT	19990828	10	92.625	102.921		
DENT	19990828	11	93.25	105.0925	93.25	105.0925
DENT	19990829	23	6.875	31.93155		
DENT	19990829	22	10	32.77039		
DENT	19990829	21	14.75	34.37917		
DENT	19990829	20	20.5	37.93763		
DENT	19990829	19	27.5	44.00091		
DENT	19990829	0	27.625	14.16146		
DENT	19990829	1	30.75	18.4541		
DENT	19990829	2	35.375	28.34226		
DENT	19990829	18	35.375	52.02973		
DENT	19990829	3	42.125	42.08447		
DENT	19990829	17	43.875	61.39653		
DENT	19990829	4	49.625	56.94165		
DENT	19990829	16	52.25	71.8918		
DENT	19990829	5	58.25	71.08109		
DENT	19990829	15	60.25	82.43137		
DENT	19990829	6	66.5	84.33999		
DENT	19990829	14	67.375	92.68977		
DENT	19990829	13	73	102.2834		
DENT	19990829	7	75	96.645		

DENT	19990829	12	78.125	110.2301		
DENT	19990829	8	80.75	107.609		
DENT	19990829	11	81.25	115.9895		
DENT	19990829	9	83.125	116.069		
DENT	19990829	10	83.25	118.5228	83.25	118.5228
DENT	19990830	23	3.625	40.76235		
DENT	19990830	0	5.25	31.47667		
DENT	19990830	22	6.375	39.96687		
DENT	19990830	1	9	33.25533		
DENT	19990830	21	10	39.65316		
DENT	19990830	20	15.125	40.34748		
DENT	19990830	2	16.125	37.59997		
DENT	19990830	19	21.875	42.34772		
DENT	19990830	3	25.75	43.81571		
DENT	19990830	18	30.5	45.85543		
DENT	19990830	4	36.875	51.14514		
DENT	19990830	17	39.875	50.91468		
DENT	19990830	5	48.125	59.03356		
DENT	19990830	16	48.25	57.38322		
DENT	19990830	15	56.25	64.49867		
DENT	19990830	6	59	67.28906		
DENT	19990830	14	63.875	71.71542		
DENT	19990830	7	69.375	75.34555		
DENT	19990830	13	71.125	78.48248		
DENT	19990830	12	77.25	83.97295		
DENT	19990830	8	78.375	83.02036		
DENT	19990830	11	81.875	87.87296		
DENT	19990830	9	82.25	88.05497		
DENT	19990830	10	83.625	89.48573	83.625	89.48573
DENT	19990831	0	4.75	41.29296		
DENT	19990831	1	9.375	42.72022		
DENT	19990831	2	17.25	47.08144		
DENT	19990831	3	27.625	52.82818		
DENT	19990831	4	39.375	58.41262		
DENT	19990831	5	50.75	63.44976		
DENT	19990831	17	50.875	50.81178		
DENT	19990831	16	58.375	55.12232		
DENT	19990831	6	61.25	68.29484		
DENT	19990831	15	65	59.88428		
DENT	19990831	14	70.75	64.95814		
DENT	19990831	7	71.75	73.42104		
DENT	19990831	13	75.375	70.33611		
DENT	19990831	8	78.875	79.09913		
DENT	19990831	12	80.375	75.70749		
DENT	19990831	9	83.125	83.43626		
DENT	19990831	11	84.5	80.4819		
DENT	19990831	10	85.25	83.609	85.25	83.609
DENT	19990831	18				
DENT	19990831	19				
DENT	19990831	20				
DENT	19990831	21				

DENT	19990831	22			
DENT	19990831	23			
DENT	19990901	3	27.875	67.00217	
DENT	19990901	4	36.5	73.57665	
DENT	19990901	5	47	80.41335	
DENT	19990901	6	57.75	86.87141	
DENT	19990901	16	58.25	63.62826	
DENT	19990901	15	62.875	70.55501	
DENT	19990901	14	67.625	77.9604	
DENT	19990901	7	68.125	92.87277	
DENT	19990901	13	72.75	85.40664	
DENT	19990901	8	75.75	97.78985	
DENT	19990901	12	78.5	92.5532	
DENT	19990901	9	80.375	100.7247	
DENT	19990901	11	82	98.33266	
DENT	19990901	10	82.875	101.1464	82.875 101.1464
DENT	19990901	0			
DENT	19990901	1			
DENT	19990901	2			
DENT	19990901	17			
DENT	19990901	18			
DENT	19990901	19			
DENT	19990901	20			
DENT	19990901	21			
DENT	19990901	22			
DENT	19990901	23			

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3		
DHIC	19990813	2	8.875	25.86644		
DHIC	19990813	1	9.25	24.9793		
DHIC	19990813	3	10.375	28.27836		
DHIC	19990813	0	11.125	25.84682		
DHIC	19990813	4	13.625	32.18832		
DHIC	19990813	5	17.125	37.42568		
DHIC	19990813	6	23.625	44.13599		
DHIC	19990813	17	28.5	19.21844		
DHIC	19990813	18	28.5	11.39345		
DHIC	19990813	16	30.875	28.4615		
DHIC	19990813	19	30.875	5.760477		
DHIC	19990813	7	31.375	51.74329		
DHIC	19990813	15	33.75	38.18668		
DHIC	19990813	20	35.25	3.212713		
DHIC	19990813	14	36	48.09367		
DHIC	19990813	13	36.25	57.54895		
DHIC	19990813	8	38.25	58.92643		
DHIC	19990813	12	41.25	64.76661		
DHIC	19990813	9	44	64.81222		
DHIC	19990813	11	46.125	68.55643		
DHIC	19990813	10	47	68.2567	47	68.2567
DHIC	19990813	21				
DHIC	19990813	22				
DHIC	19990813	23				
DHIC	19990814	23	37.375	22.65877		
DHIC	19990814	22	40.25	20.58359		
DHIC	19990814	21	42.125	18.4587		
DHIC	19990814	20	44.125	16.92612		
DHIC	19990814	19	46.875	17.33735		
DHIC	19990814	18	50	20.73411		
DHIC	19990814	17	55.5	26.34892		
DHIC	19990814	5	60.5	53.60593		
DHIC	19990814	16	62	33.86428		
DHIC	19990814	15	67.5	42.94929		
DHIC	19990814	6	70	63.25507		
DHIC	19990814	14	73.375	52.8535		
DHIC	19990814	7	79.25	72.14044		
DHIC	19990814	13	80	62.47233		
DHIC	19990814	8	86.625	79.05447		
DHIC	19990814	12	87	71.38521		
DHIC	19990814	9	91.875	82.36841		
DHIC	19990814	11	92.25	78.39319		
DHIC	19990814	10	94.125	82.1268	94.125	82.1268
DHIC	19990814	0				
DHIC	19990814	1				
DHIC	19990814	2				

DHIC	19990814	3			
DHIC	19990814	4			
DHIC	19990815	23	17.375	34.35194	
DHIC	19990815	22	21.75	39.14393	
DHIC	19990815	21	26	43.28002	
DHIC	19990815	20	30.625	46.04692	
DHIC	19990815	19	35.25	47.30352	
DHIC	19990815	0	35.375	25.53252	
DHIC	19990815	1	36	30.68431	
DHIC	19990815	2	38.5	37.10611	
DHIC	19990815	18	40.125	50.08571	
DHIC	19990815	3	41.25	44.37502	
DHIC	19990815	4	46.5	52.38558	
DHIC	19990815	17	47.625	54.11974	
DHIC	19990815	5	52.75	60.9362	
DHIC	19990815	16	55.875	59.29178	
DHIC	19990815	6	59.875	69.80508	
DHIC	19990815	15	62.625	64.7463	
DHIC	19990815	7	68.625	79.00205	
DHIC	19990815	14	69.625	70.83858	
DHIC	19990815	13	76	76.37266	
DHIC	19990815	8	77.375	86.52085	
DHIC	19990815	12	81.5	81.90974	
DHIC	19990815	9	83.5	90.14658	
DHIC	19990815	11	85.5	87.78543	
DHIC	19990815	10	86.5	90.40384	86.5 90.40384
DHIC	19990816	23	4	32.0443	
DHIC	19990816	22	6.375	36.24478	
DHIC	19990816	21	9.75	39.33268	
DHIC	19990816	0	13.875	29.91351	
DHIC	19990816	1	14.25	28.33101	
DHIC	19990816	20	15.125	40.70712	
DHIC	19990816	2	16.125	29.81989	
DHIC	19990816	3	20.625	33.72269	
DHIC	19990816	19	22	41.8333	
DHIC	19990816	4	28.25	39.38637	
DHIC	19990816	18	29.75	44.32284	
DHIC	19990816	5	38.5	46.51443	
DHIC	19990816	17	39.25	47.68399	
DHIC	19990816	16	49.5	51.81219	
DHIC	19990816	6	50.125	55.63451	
DHIC	19990816	15	60.625	57.251	
DHIC	19990816	7	62.125	66.41188	
DHIC	19990816	14	71	64.43136	
DHIC	19990816	8	71.875	76.40816	
DHIC	19990816	13	79.75	71.86093	
DHIC	19990816	9	80.375	83.28218	
DHIC	19990816	12	85.25	78.86697	
DHIC	19990816	10	86	85.75334	
DHIC	19990816	11	87.25	84.11051	87.25 84.11051
DHIC	19990817	0	4	27.18495	

DHIC	19990817	1	6.125	23.44911		
DHIC	19990817	2	14.125	22.97616		
DHIC	19990817	22	23.875	20.51254		
DHIC	19990817	3	24.875	26.06729		
DHIC	19990817	21	27	20.62584		
DHIC	19990817	20	30.375	19.82832		
DHIC	19990817	19	32.625	20.30833		
DHIC	19990817	18	38	22.86661		
DHIC	19990817	4	38.125	31.43352		
DHIC	19990817	17	44	27.54688		
DHIC	19990817	5	51.375	38.313		
DHIC	19990817	16	52.75	33.95485		
DHIC	19990817	15	60	41.70445		
DHIC	19990817	6	63.875	47.0991		
DHIC	19990817	14	68.75	50.27598		
DHIC	19990817	7	76.625	56.54944		
DHIC	19990817	13	78	59.2235		
DHIC	19990817	12	86	67.39075		
DHIC	19990817	8	88.125	65.4262		
DHIC	19990817	11	93.5	73.09579		
DHIC	19990817	9	95.625	72.15908		
DHIC	19990817	10	96.75	74.99925	96.75	74.99925
DHIC	19990817	23				
DHIC	19990818	23	2.25	12.66127		
DHIC	19990818	22	2.625	12.55498		
DHIC	19990818	21	3.625	12.66391		
DHIC	19990818	20	7.375	13.01769		
DHIC	19990818	19	13.125	15.53583		
DHIC	19990818	18	21.125	20.83454		
DHIC	19990818	17	31.375	28.06134		
DHIC	19990818	16	41.5	36.82643		
DHIC	19990818	15	52.625	47.01666		
DHIC	19990818	7	57.25	63.01538		
DHIC	19990818	14	63.625	58.26927		
DHIC	19990818	8	68.25	73.44798		
DHIC	19990818	13	73.5	69.11291		
DHIC	19990818	9	77.25	81.78574		
DHIC	19990818	12	79.625	78.67069		
DHIC	19990818	10	82.125	86.31103		
DHIC	19990818	11	83.125	85.22616	83.125	85.22616
DHIC	19990818	0				
DHIC	19990818	1				
DHIC	19990818	2				
DHIC	19990818	3				
DHIC	19990818	4				
DHIC	19990818	5				
DHIC	19990818	6				
DHIC	19990819	18	35.25	45.07922		
DHIC	19990819	17	36.625	47.08778		
DHIC	19990819	16	39.25	50.93412		
DHIC	19990819	19	40.375	44.7552		

DHIC	19990819	23	42.25	48.61509		
DHIC	19990819	20	43.625	45.88755		
DHIC	19990819	15	45.5	56.86139		
DHIC	19990819	21	46.25	48.38404		
DHIC	19990819	22	46.625	49.56595	46.625	49.56595
DHIC	19990819	0				
DHIC	19990819	1				
DHIC	19990819	2				
DHIC	19990819	3				
DHIC	19990819	4				
DHIC	19990819	5				
DHIC	19990819	6				
DHIC	19990819	7				
DHIC	19990819	8				
DHIC	19990819	9				
DHIC	19990819	10				
DHIC	19990819	11				
DHIC	19990819	12				
DHIC	19990819	13				
DHIC	19990819	14				
DHIC	19990820	20	21.375	12.4842		
DHIC	19990820	19	23.375	15.02354		
DHIC	19990820	21	23.375	12.86371		
DHIC	19990820	22	24.75	15.00683		
DHIC	19990820	23	26	17.91761		
DHIC	19990820	18	29.5	19.64784		
DHIC	19990820	17	35.75	25.74584		
DHIC	19990820	1	37.5	44.35738		
DHIC	19990820	2	37.875	42.86371		
DHIC	19990820	0	39.375	46.64164		
DHIC	19990820	3	40.375	42.91015		
DHIC	19990820	16	42.5	33.26057		
DHIC	19990820	4	43.875	44.80542		
DHIC	19990820	5	48.75	48.20916		
DHIC	19990820	15	49.375	41.78975		
DHIC	19990820	6	56.125	53.04338		
DHIC	19990820	14	56.875	50.77871		
DHIC	19990820	7	64.75	59.31544		
DHIC	19990820	13	65	59.41889		
DHIC	19990820	8	71.25	65.3062		
DHIC	19990820	12	73.375	66.53175		
DHIC	19990820	9	75.875	69.7554		
DHIC	19990820	11	77.625	70.56147		
DHIC	19990820	10	78.25	71.57689	78.25	71.57689
DHIC	19990821	0	26.875	21.68977		
DHIC	19990821	1	30	27.02749		
DHIC	19990821	2	35.375	34.28853		
DHIC	19990821	23	40.75	30.96915		
DHIC	19990821	3	43.875	42.88985		
DHIC	19990821	22	46	31.30471		
DHIC	19990821	21	48.875	32.24448		

DHIC	19990821	4	52.25	51.98582		
DHIC	19990821	20	52.875	33.67244		
DHIC	19990821	19	58.125	36.12654		
DHIC	19990821	5	59.875	60.77072		
DHIC	19990821	18	62.5	39.54588		
DHIC	19990821	6	67	68.55356		
DHIC	19990821	17	67.25	43.99922		
DHIC	19990821	16	71.5	49.71839		
DHIC	19990821	7	74.125	75.41187		
DHIC	19990821	15	75.125	56.44972		
DHIC	19990821	14	78.25	63.27875		
DHIC	19990821	8	80.75	81.02431		
DHIC	19990821	13	83.5	70.22974		
DHIC	19990821	9	85.375	84.04272		
DHIC	19990821	12	86.75	76.77185		
DHIC	19990821	11	88.125	81.61581		
DHIC	19990821	10	88.25	84.17	88.25	84.17
DHIC	19990822	23	16.875	21.79005		
DHIC	19990822	22	20.625	24.72581		
DHIC	19990822	21	23.875	26.67939		
DHIC	19990822	20	26.875	28.31943		
DHIC	19990822	19	31.125	30.70557		
DHIC	19990822	2	33	39.8313		
DHIC	19990822	1	34.25	34.7113		
DHIC	19990822	3	35.125	46.55153		
DHIC	19990822	18	36.25	34.08926		
DHIC	19990822	0	36.875	31.73014		
DHIC	19990822	4	39.875	53.99267		
DHIC	19990822	17	42.125	38.20071		
DHIC	19990822	5	45.875	60.93607		
DHIC	19990822	16	48.375	42.91171		
DHIC	19990822	6	53.625	67.42873		
DHIC	19990822	15	54.875	48.29404		
DHIC	19990822	7	61.5	74.29697		
DHIC	19990822	14	61.625	54.81728		
DHIC	19990822	8	68.75	79.46011		
DHIC	19990822	13	69	60.99645		
DHIC	19990822	9	74.375	81.0445		
DHIC	19990822	12	75.5	67.5203		
DHIC	19990822	10	78.5	78.7765		
DHIC	19990822	11	78.75	73.92381	78.75	73.92381
DHIC	19990823	23	5.75	17.79598		
DHIC	19990823	22	8.5	18.73989		
DHIC	19990823	3	10	23.90886		
DHIC	19990823	4	10.5	29.4365		
DHIC	19990823	2	11	19.46837		
DHIC	19990823	21	12.25	18.9014		
DHIC	19990823	1	12.75	17.32774		
DHIC	19990823	20	12.875	18.87269		
DHIC	19990823	19	13.625	19.54297		
DHIC	19990823	5	13.875	35.60502		

DHIC	19990823	0	14.125	18.99603		
DHIC	19990823	18	15.625	21.71542		
DHIC	19990823	6	19	42.63082		
DHIC	19990823	17	19.5	25.54795		
DHIC	19990823	16	24.125	30.52796		
DHIC	19990823	7	24.625	50.41473		
DHIC	19990823	15	27.875	36.38932		
DHIC	19990823	8	29.25	57.48101		
DHIC	19990823	14	30.75	43.11596		
DHIC	19990823	13	32.125	50.18435		
DHIC	19990823	9	32.5	63.06832		
DHIC	19990823	10	35.125	64.17728		
DHIC	19990823	12	35.5	56.57214		
DHIC	19990823	11	36.75	61.60756	36.75	61.60756
DHIC	19990824	0	4.375	16.87993		
DHIC	19990824	1	5.625	17.14695		
DHIC	19990824	2	7.875	18.6855		
DHIC	19990824	3	9.875	21.70149		
DHIC	19990824	4	15.25	26.28492		
DHIC	19990824	23	18.375	5.477183		
DHIC	19990824	22	22.625	4.833179		
DHIC	19990824	5	23.75	32.73007		
DHIC	19990824	21	26	4.649234		
DHIC	19990824	20	28.25	5.014575		
DHIC	19990824	19	29	6.617657		
DHIC	19990824	18	32.75	9.261592		
DHIC	19990824	6	33.375	41.29374		
DHIC	19990824	17	35.625	13.71942		
DHIC	19990824	16	41.875	21.45737		
DHIC	19990824	7	44.125	51.19079		
DHIC	19990824	15	47.625	31.83532		
DHIC	19990824	14	54.125	42.75657		
DHIC	19990824	8	55.125	60.23804		
DHIC	19990824	13	60.375	52.41261		
DHIC	19990824	9	65.75	65.28658		
DHIC	19990824	12	66.75	59.38443		
DHIC	19990824	10	70.75	65.70983		
DHIC	19990824	11	71.75	63.49523	71.75	63.49523
DHIC	19990825	23	4.125	15.08663		
DHIC	19990825	21	4.5	14.4273		
DHIC	19990825	22	4.5	15.24627		
DHIC	19990825	20	4.625	12.28106		
DHIC	19990825	19	8.5	11.02588		
DHIC	19990825	1	11	8.334311		
DHIC	19990825	2	11.5	11.80766		
DHIC	19990825	0	13.375	6.446057		
DHIC	19990825	18	15.75	12.54169		
DHIC	19990825	3	19.375	15.89672		
DHIC	19990825	17	25.75	17.00234		
DHIC	19990825	4	29.125	21.75838		
DHIC	19990825	16	35.875	23.4874		

DHIC	19990825	5	39.625	30.0321		
DHIC	19990825	15	45.875	31.53738		
DHIC	19990825	6	50.5	39.89145		
DHIC	19990825	14	56.875	41.00235		
DHIC	19990825	7	61.875	49.65115		
DHIC	19990825	13	67.75	51.02504		
DHIC	19990825	8	72.75	58.14819		
DHIC	19990825	12	78.125	60.5415		
DHIC	19990825	9	80.5	64.5496		
DHIC	19990825	11	84.125	66.63754		
DHIC	19990825	10	85.75	67.64092	85.75	67.64092
DHIC	19990826	0	3	14.49903		
DHIC	19990826	1	3.375	14.07346		
DHIC	19990826	2	6.125	16.1104		
DHIC	19990826	3	13.375	22.97932		
DHIC	19990826	23	15.875	17.68047		
DHIC	19990826	22	19.875	17.25027		
DHIC	19990826	20	20	13.70841		
DHIC	19990826	19	21	14.13375		
DHIC	19990826	21	21.125	15.44128		
DHIC	19990826	4	23.125	32.94008		
DHIC	19990826	18	24.625	18.20672		
DHIC	19990826	17	31.375	25.23626		
DHIC	19990826	5	34.375	44.4444		
DHIC	19990826	16	39.25	33.32814		
DHIC	19990826	15	44.875	42.40532		
DHIC	19990826	6	45.375	56.38363		
DHIC	19990826	14	51.625	53.0658		
DHIC	19990826	7	56.125	67.26272		
DHIC	19990826	13	60.875	65.6296		
DHIC	19990826	8	66.125	76.94925		
DHIC	19990826	12	70.625	78.33793		
DHIC	19990826	9	74	85.5733		
DHIC	19990826	11	77.5	87.75163		
DHIC	19990826	10	78.125	90.56294	78.125	90.56294
DHIC	19990827	0	11.375	17.81582		
DHIC	19990827	1	13.625	18.51147		
DHIC	19990827	2	19.5	22.87933		
DHIC	19990827	23	23.75	27.56481		
DHIC	19990827	3	24.375	29.84468		
DHIC	19990827	22	26.125	27.29835		
DHIC	19990827	21	28.875	26.25774		
DHIC	19990827	4	30.625	37.41765		
DHIC	19990827	20	31.625	25.54746		
DHIC	19990827	19	33.5	26.40297		
DHIC	19990827	18	37.125	30.11268		
DHIC	19990827	5	37.375	45.19935		
DHIC	19990827	17	42	35.17938		
DHIC	19990827	6	47.625	53.55775		
DHIC	19990827	16	47.75	41.01683		
DHIC	19990827	15	53.625	47.8403		

DHIC	19990827	7	58.375	62.78333		
DHIC	19990827	14	60	55.48891		
DHIC	19990827	13	65.75	63.13929		
DHIC	19990827	8	68.625	70.71241		
DHIC	19990827	12	69.375	70.16323		
DHIC	19990827	11	73.125	75.70432		
DHIC	19990827	9	74.25	76.67978		
DHIC	19990827	10	75.125	78.28531	75.125	78.28531
DHIC	19990828	0	22.25	27.28279		
DHIC	19990828	1	22.375	28.62006		
DHIC	19990828	2	25.375	32.79057		
DHIC	19990828	3	30.625	40.332		
DHIC	19990828	23	33.75	22.11126		
DHIC	19990828	22	35.125	20.11404		
DHIC	19990828	4	36.875	48.91533		
DHIC	19990828	21	42.375	17.9586		
DHIC	19990828	5	42.5	57.70342		
DHIC	19990828	20	45.125	16.67691		
DHIC	19990828	19	46.625	16.53757		
DHIC	19990828	6	50	67.1824		
DHIC	19990828	18	51	17.29786		
DHIC	19990828	17	56.125	19.87727		
DHIC	19990828	7	59	77.26622		
DHIC	19990828	16	62.875	25.66261		
DHIC	19990828	8	66.75	86.24587		
DHIC	19990828	15	68.75	35.63614		
DHIC	19990828	9	73.625	90.07533		
DHIC	19990828	14	74	47.97677		
DHIC	19990828	13	75.375	60.76072		
DHIC	19990828	12	78.125	72.0846		
DHIC	19990828	10	78.25	88.23299		
DHIC	19990828	11	79.875	81.5052	79.875	81.5052
DHIC	19990829	23	12.25	31.87205		
DHIC	19990829	22	17.875	34.57262		
DHIC	19990829	21	24.375	35.12861		
DHIC	19990829	20	30.125	34.29849		
DHIC	19990829	0	33.75	24.57097		
DHIC	19990829	19	36.25	33.54728		
DHIC	19990829	1	36.5	29.27028		
DHIC	19990829	2	39.625	37.08291		
DHIC	19990829	18	43.625	34.32925		
DHIC	19990829	3	44.75	47.2332		
DHIC	19990829	4	49.875	57.61758		
DHIC	19990829	17	50.125	37.38722		
DHIC	19990829	5	58	67.68168		
DHIC	19990829	16	58	42.1537		
DHIC	19990829	15	64.75	47.57081		
DHIC	19990829	6	68.5	75.89928		
DHIC	19990829	14	70	53.73037		
DHIC	19990829	13	75.125	61.685		
DHIC	19990829	7	75.375	82.67639		

DHIC	19990829	12	80.625	71.26284	
DHIC	19990829	8	81.75	88.28226	
DHIC	19990829	11	85.5	80.45681	
DHIC	19990829	9	85.75	90.63801	
DHIC	19990829	10	87	87.83327	87 87.83327
DHIC	19990830	0	9	29.06541	
DHIC	19990830	1	10.5	27.15702	
DHIC	19990830	2	14	27.36489	
DHIC	19990830	3	23.25	30.96128	
DHIC	19990830	22	24.125	30.51251	
DHIC	19990830	21	25	27.59008	
DHIC	19990830	23	25.875	31.25821	
DHIC	19990830	20	27.375	24.07683	
DHIC	19990830	19	30	21.3791	
DHIC	19990830	4	34.75	38.05129	
DHIC	19990830	18	36.125	21.141	
DHIC	19990830	17	41.625	24.1105	
DHIC	19990830	5	46.75	46.44783	
DHIC	19990830	16	50.125	29.77017	
DHIC	19990830	6	59.125	55.55251	
DHIC	19990830	15	60.125	37.90324	
DHIC	19990830	7	70.875	65.65178	
DHIC	19990830	14	71.75	47.9147	
DHIC	19990830	8	79.375	74.14052	
DHIC	19990830	13	80.25	58.69446	
DHIC	19990830	12	84.875	69.55871	
DHIC	19990830	9	85	80.08061	
DHIC	19990830	11	88.125	78.64462	
DHIC	19990830	10	88.625	82.27935	88.625 82.27935
DHIC	19990831	23	20.25	46.94502	
DHIC	19990831	22	23.625	44.048	
DHIC	19990831	21	27.5	39.16762	
DHIC	19990831	0	29.75	31.21589	
DHIC	19990831	20	32	34.31603	
DHIC	19990831	1	34.5	30.75227	
DHIC	19990831	19	34.875	31.04376	
DHIC	19990831	2	37.5	32.21415	
DHIC	19990831	18	38.375	30.10473	
DHIC	19990831	3	43.625	36.62639	
DHIC	19990831	17	44.375	31.65427	
DHIC	19990831	4	48.75	42.15163	
DHIC	19990831	16	50	35.87148	
DHIC	19990831	5	55.625	47.88347	
DHIC	19990831	15	56.625	42.2285	
DHIC	19990831	14	63.375	50.17342	
DHIC	19990831	6	64.125	54.55172	
DHIC	19990831	13	69.5	59.14572	
DHIC	19990831	7	72.5	63.07041	
DHIC	19990831	12	74.5	67.95786	
DHIC	19990831	11	78.5	75.41139	
DHIC	19990831	8	78.625	71.06865	

DHIC	19990831	9	80.625	77.44675		
DHIC	19990831	10	81.125	79.36865	81.125	79.36865
DHIC	19990901	0	19	48.62207		
DHIC	19990901	1	20.75	50.64251		
DHIC	19990901	2	24.875	53.20951		
DHIC	19990901	3	29.625	57.29748		
DHIC	19990901	4	36.375	62.04421		
DHIC	19990901	16	46.75	42.04926		
DHIC	19990901	15	51	46.36281		
DHIC	19990901	14	55	51.5528		
DHIC	19990901	13	57.875	57.65144	57.875	57.65144
DHIC	19990901	5				
DHIC	19990901	6				
DHIC	19990901	7				
DHIC	19990901	8				
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DHIC	19990901	10				
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DHIC	19990901	17				
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DHIC	19990901	22				
DHIC	19990901	23				

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA			CAMx 8-Hour Data from Storm			
SITE	DATE	HOUR	Obs O3	Mod O3		
FRIC	19990813	14	67.375	56.65374	67.375	56.65374
FRIC	19990813	2	14.625	22.45687		
FRIC	19990813	3	14.75	24.33597		
FRIC	19990813	1	15.875	22.10326		
FRIC	19990813	4	16	27.8118		
FRIC	19990813	0	18.5	23.38487		
FRIC	19990813	5	19	32.8354		
FRIC	19990813	6	23.25	39.07361		
FRIC	19990813	7	30	46.16895		
FRIC	19990813	8	38.625	52.93634		
FRIC	19990813	23	39.5	26.94141		
FRIC	19990813	22	43.25	26.09829		
FRIC	19990813	21	47	25.24293		
FRIC	19990813	9	48.375	58.72649		
FRIC	19990813	20	51.125	25.91197		
FRIC	19990813	19	51.875	28.75747		
FRIC	19990813	18	53.25	33.58105		
FRIC	19990813	10	57.75	62.88744		
FRIC	19990813	17	58.5	38.87228		
FRIC	19990813	11	61.625	65.47269		
FRIC	19990813	12	63.125	65.03679		
FRIC	19990813	16	63.25	44.79659		
FRIC	19990813	13	65.625	61.64497		
FRIC	19990813	15	66.75	50.86879		
FRIC	19990814	11	78.25	63.11854	78.25	63.11854
FRIC	19990814	1	37.375	31.19657		
FRIC	19990814	0	37.625	28.12756		
FRIC	19990814	2	38.75	35.60706		
FRIC	19990814	3	42.25	40.73562		
FRIC	19990814	4	47.375	45.92417		
FRIC	19990814	5	52.875	50.66577		
FRIC	19990814	6	58.25	54.56294		
FRIC	19990814	17	61.875	36.64361		
FRIC	19990814	7	64.5	58.7092		
FRIC	19990814	16	65	41.74081		
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FRIC	19990814	14	71.625	52.15129		
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FRIC	19990814	22			
FRIC	19990814	23			
FRIC	19990815	10	76.75	77.56944	76.75 77.56944
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FRIC	19990815	22	44	37.14212	
FRIC	19990815	3	44.25	42.89731	
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FRIC	19990815	20	49.125	46.13185	
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FRIC	19990815	17	57.5	56.10802	
FRIC	19990815	6	58.625	64.77665	
FRIC	19990815	16	60.75	59.28826	
FRIC	19990815	15	63.875	61.61551	
FRIC	19990815	7	65.25	71.26741	
FRIC	19990815	14	66.625	64.18837	
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FRIC	19990815	11	76.625	74.66922	
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FRIC	19990815	2			
FRIC	19990816	10	83.625	78.88777	83.625 78.88777
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FRIC	19990816	11	83.625	78.47134	
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FRIC	19990817	5	60.75	42.81285		
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FRIC	19990817	7	91.125	59.67901		
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FRIC	19990818	21	32	23.64945		
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FRIC	19990822	12	87.125	75.61995		
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FRIC	19990823	11	49.125	69.28069	49.125	69.28069
FRIC	19990823	23	16.625	7.296429		
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FRIC	19990824	13	64	51.95333	64	51.95333
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FRIC	19990824	3	14.875	16.95506		
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FRIC	19990824	5	23.875	31.21086		
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FRIC	19990824	16	57.375	36.86675		
FRIC	19990824	10	58.375	59.05878		
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FRIC	19990824	22				
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FRIC	19990825	21	30.875	10.82071		
FRIC	19990825	20	32.875	11.00853		
FRIC	19990825	19	35.75	13.09452		
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FRIC	19990825	5	49.75	44.07497		
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FRIC	19990826	2	23	18.03602		
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FRIC	19990826	3	25.625	25.15766		
FRIC	19990826	4	29.875	34.89978		
FRIC	19990826	20	32	22.56595		
FRIC	19990826	21	32.875	21.77882		
FRIC	19990826	19	33.5	24.6253		
FRIC	19990826	22	35	22.00318		
FRIC	19990826	5	36	46.32629		
FRIC	19990826	23	36.875	21.9103		
FRIC	19990826	18	39.875	28.06611		
FRIC	19990826	6	43.875	59.83138		
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FRIC	19990826	7	53.875	74.89846		
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FRIC	19990826	15	63.75	56.07809		
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FRIC	19990826	9	74.125	98.12912		
FRIC	19990826	13	79.375	82.22469		
FRIC	19990826	10	80	101.1277		
FRIC	19990826	12	84	91.48029		
FRIC	19990827	9	57.75	96.97167	57.75	96.97167
FRIC	19990827	23	33	23.98134		
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FRIC	19990827	0	38.25	22.03452		
FRIC	19990827	21	38.625	20.7829		
FRIC	19990827	1	40.375	23.15042		
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FRIC	19990827	19	41.5	18.67641		
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FRIC	19990827	16	45.125	30.70417		
FRIC	19990827	15	46.125	42.05085		
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FRIC	19990827	6	54.125	66.53896	
FRIC	19990827	11	55.25	90.80458	
FRIC	19990827	7	56.25	79.74064	
FRIC	19990827	10	56.625	95.82592	
FRIC	19990827	8	57.625	91.03223	
FRIC	19990828	11	82	98.80711	82 98.80711
FRIC	19990828	1	30.75	26.23974	
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FRIC	19990828	2	33	29.65604	
FRIC	19990828	3	37.75	35.91327	
FRIC	19990828	4	44	45.81834	
FRIC	19990828	5	50.75	57.52746	
FRIC	19990828	6	58.125	68.98735	
FRIC	19990828	7	66.25	81.08084	
FRIC	19990828	17	67	29.94932	
FRIC	19990828	16	70	37.39769	
FRIC	19990828	15	72.625	47.62478	
FRIC	19990828	8	72.75	92.6047	
FRIC	19990828	14	75.375	60.24111	
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FRIC	19990828	12	80	88.51175	
FRIC	19990828	10	81.5	102.6959	
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FRIC	19990829	9	81.375	99.98877	81.375 99.98877
FRIC	19990829	23	47.125	35.29177	
FRIC	19990829	22	48.875	39.08683	
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FRIC	19990829	21	49.625	41.13397	
FRIC	19990829	19	51.125	44.42199	
FRIC	19990829	3	53	56.70254	
FRIC	19990829	18	54.25	46.92341	
FRIC	19990829	17	57.75	50.88664	
FRIC	19990829	4	58.125	66.17921	
FRIC	19990829	16	61.125	55.66286	
FRIC	19990829	15	64.125	61.38609	
FRIC	19990829	5	64.625	74.87637	
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FRIC	19990829	13	72.5	76.11473	
FRIC	19990829	7	75.875	90.08302	
FRIC	19990829	12	77.125	84.27	
FRIC	19990829	8	79.625	96.59787	

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FRIC	19990829	1				
FRIC	19990829	2				
FRIC	19990830	10	80.375	77.33206	80.375	77.33206
FRIC	19990830	23	40.875	44.02836		
FRIC	19990830	22	44	45.05741		
FRIC	19990830	0	45.5	31.36368		
FRIC	19990830	1	45.75	28.70057		
FRIC	19990830	21	47.5	44.13561		
FRIC	19990830	2	48.75	29.92894		
FRIC	19990830	20	49.875	42.95596		
FRIC	19990830	19	52.25	42.24173		
FRIC	19990830	3	53.625	34.65065		
FRIC	19990830	18	56.125	42.57594		
FRIC	19990830	4	58.875	41.32615		
FRIC	19990830	17	59.875	44.18591		
FRIC	19990830	16	63	47.02874		
FRIC	19990830	5	63.75	48.09816		
FRIC	19990830	15	66	51.32711		
FRIC	19990830	6	68.5	55.0875		
FRIC	19990830	14	69.25	56.61797		
FRIC	19990830	13	72.125	62.4123		
FRIC	19990830	7	73.125	63.42205		
FRIC	19990830	12	75.5	68.4047		
FRIC	19990830	8	77.125	70.99524		
FRIC	19990830	11	78.875	74.14829		
FRIC	19990830	9	79.75	76.35673		
FRIC	19990831	10	79.5	69.9006	79.5	69.9006
FRIC	19990831	0	39.875	41.96988		
FRIC	19990831	1	40.25	40.45981		
FRIC	19990831	2	42.875	42.09123		
FRIC	19990831	3	47.25	45.34805		
FRIC	19990831	4	52	48.51691		
FRIC	19990831	17	54.125	45.03519		
FRIC	19990831	5	56.875	51.72433		
FRIC	19990831	16	59.25	47.42629		
FRIC	19990831	6	62.875	55.33059		
FRIC	19990831	15	63.875	50.62798		
FRIC	19990831	14	67.875	54.41332		
FRIC	19990831	7	69.375	60.59242		
FRIC	19990831	13	71.5	58.45255		
FRIC	19990831	8	74	66.13661		
FRIC	19990831	12	75.125	62.55098		
FRIC	19990831	9	77.5	70.14722		
FRIC	19990831	11	78.25	66.59519		
FRIC	19990831	18				
FRIC	19990831	19				
FRIC	19990831	20				
FRIC	19990831	21				

FRIC	19990831	22				
FRIC	19990831	23				
FRIC	19990901	10	74.625	79.48297	74.625	79.48297
FRIC	19990901	3	39.625	55.91994		
FRIC	19990901	4	44.875	61.45721		
FRIC	19990901	5	50.125	66.20206		
FRIC	19990901	16	56.125	54.57817		
FRIC	19990901	6	57.5	70.02933		
FRIC	19990901	15	59.375	58.63784		
FRIC	19990901	14	62.125	62.73113		
FRIC	19990901	7	64	74.54558		
FRIC	19990901	13	65.375	66.84313		
FRIC	19990901	12	69	71.37676		
FRIC	19990901	8	69.75	78.74557		
FRIC	19990901	11	72.875	76.18371		
FRIC	19990901	9	73.125	80.34473		
FRIC	19990901	0				
FRIC	19990901	1				
FRIC	19990901	2				
FRIC	19990901	17				
FRIC	19990901	18				
FRIC	19990901	19				
FRIC	19990901	20				
FRIC	19990901	21				
FRIC	19990901	22				
FRIC	19990901	23				

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3	
FWMC	19990813	2	18.375	30.06408	
FWMC	19990813	1	18.625	29.37451	
FWMC	19990813	3	18.625	31.81606	
FWMC	19990813	4	19.125	34.36883	
FWMC	19990813	0	19.375	30.05458	
FWMC	19990813	18	21.125	27.74609	
FWMC	19990813	5	21.375	37.75525	
FWMC	19990813	19	22.375	24.08084	
FWMC	19990813	17	23.375	34.30274	
FWMC	19990813	20	24.125	19.75918	
FWMC	19990813	6	24.875	42.21161	
FWMC	19990813	21	27	15.84119	
FWMC	19990813	16	28.875	41.60758	
FWMC	19990813	23	29	11.69504	
FWMC	19990813	22	29.875	13.33519	
FWMC	19990813	7	30.25	47.85994	
FWMC	19990813	15	32.125	48.35847	
FWMC	19990813	14	35.25	53.4084	
FWMC	19990813	8	36.625	53.77979	
FWMC	19990813	13	40.625	56.97474	
FWMC	19990813	9	43	58.39607	
FWMC	19990813	12	44.5	58.55757	
FWMC	19990813	11	45.75	59.4834	
FWMC	19990813	10	46	60.81583	46 60.81583
FWMC	19990814	0	27.75	12.54568	
FWMC	19990814	1	29.75	17.35852	
FWMC	19990814	2	33	24.56526	
FWMC	19990814	3	37.75	33.8069	
FWMC	19990814	17	44.375	28.30957	
FWMC	19990814	4	45	44.03158	
FWMC	19990814	5	52.5	54.4818	
FWMC	19990814	16	55.375	39.07638	
FWMC	19990814	6	60.625	65.05798	
FWMC	19990814	15	67.375	50.67222	
FWMC	19990814	7	70.25	75.54845	
FWMC	19990814	14	77.125	62.59274	
FWMC	19990814	8	80.625	84.25977	
FWMC	19990814	13	83.25	73.25871	
FWMC	19990814	9	88.125	89.1482	
FWMC	19990814	12	88.75	82.25996	
FWMC	19990814	10	92.125	90.87763	
FWMC	19990814	11	92.375	88.75125	92.375 88.75125
FWMC	19990814	18			
FWMC	19990814	19			
FWMC	19990814	20			
FWMC	19990814	21			

FWMC	19990814	22			
FWMC	19990814	23			
FWMC	19990815	23	19.25	37.86718	
FWMC	19990815	22	22.75	42.2776	
FWMC	19990815	21	26	44.75644	
FWMC	19990815	20	29	46.32848	
FWMC	19990815	19	33.375	48.86968	
FWMC	19990815	3	39.375	40.49788	
FWMC	19990815	18	40.375	53.3639	
FWMC	19990815	4	46.375	50.7002	
FWMC	19990815	17	49.625	59.48416	
FWMC	19990815	5	52.875	60.86465	
FWMC	19990815	16	57.875	66.21015	
FWMC	19990815	6	60.5	71.07903	
FWMC	19990815	15	65	73.01849	
FWMC	19990815	7	69.75	81.36772	
FWMC	19990815	14	72.875	80.16348	
FWMC	19990815	8	77.25	90.5272	
FWMC	19990815	13	79.75	87.05463	
FWMC	19990815	9	83	95.81268	
FWMC	19990815	12	84.625	92.82663	
FWMC	19990815	10	87	97.3489	
FWMC	19990815	11	87.5	96.38709	87.5 96.38709
FWMC	19990815	0			
FWMC	19990815	1			
FWMC	19990815	2			
FWMC	19990816	23	4.75	25.72577	
FWMC	19990816	22	5.375	27.09692	
FWMC	19990816	21	7.25	26.84194	
FWMC	19990816	20	11.625	27.14381	
FWMC	19990816	0	17.125	33.29187	
FWMC	19990816	19	17.375	29.61093	
FWMC	19990816	1	17.875	31.7194	
FWMC	19990816	2	21.125	33.52746	
FWMC	19990816	18	25.125	34.58837	
FWMC	19990816	3	25.625	36.79733	
FWMC	19990816	4	33.125	40.96138	
FWMC	19990816	17	36.125	40.91047	
FWMC	19990816	5	43.75	46.2408	
FWMC	19990816	16	48.875	48.49856	
FWMC	19990816	6	56.375	53.69863	
FWMC	19990816	15	63	57.08156	
FWMC	19990816	7	70.125	63.99527	
FWMC	19990816	14	76.625	66.36328	
FWMC	19990816	8	82	74.53425	
FWMC	19990816	13	87.875	75.25621	
FWMC	19990816	9	91.875	81.92607	
FWMC	19990816	12	96.125	81.85871	
FWMC	19990816	10	99	85.0695	
FWMC	19990816	11	100.375	85.20037	100.375 85.20037
FWMC	19990817	0	5.5	23.63969	

FWMC	19990817	1	10.5	22.82768		
FWMC	19990817	2	19.25	25.69839		
FWMC	19990817	3	30.75	30.6342		
FWMC	19990817	17	37.875	37.92794		
FWMC	19990817	16	43.25	43.7823		
FWMC	19990817	4	44.125	36.78177		
FWMC	19990817	15	51.5	51.20144		
FWMC	19990817	5	57.375	44.09515		
FWMC	19990817	14	62.75	59.61263		
FWMC	19990817	6	70.375	52.68216		
FWMC	19990817	13	73.5	67.98168		
FWMC	19990817	7	83.375	62.51312		
FWMC	19990817	12	84.625	75.20501		
FWMC	19990817	11	92.375	79.89526		
FWMC	19990817	8	94	71.93923		
FWMC	19990817	10	96.125	80.8478		
FWMC	19990817	9	97.25	78.77377	97.25	78.77377
FWMC	19990817	18				
FWMC	19990817	19				
FWMC	19990817	20				
FWMC	19990817	21				
FWMC	19990817	22				
FWMC	19990817	23				
FWMC	19990818	19	25.5	34.16706		
FWMC	19990818	20	25.875	34.49998		
FWMC	19990818	21	27.625	36.56016		
FWMC	19990818	23	27.625	37.46343		
FWMC	19990818	18	28	37.20367		
FWMC	19990818	22	29.125	38.06894		
FWMC	19990818	3	30.125	37.26893		
FWMC	19990818	17	32.75	41.70544		
FWMC	19990818	4	33.75	43.84065		
FWMC	19990818	16	38.875	47.86002		
FWMC	19990818	5	39.75	51.21817		
FWMC	19990818	15	45.125	55.57074		
FWMC	19990818	6	50.125	59.27409		
FWMC	19990818	14	53.125	64.38265		
FWMC	19990818	7	60.5	68.60516		
FWMC	19990818	13	62.875	73.61348		
FWMC	19990818	8	69.25	78.30854		
FWMC	19990818	12	71.125	82.42837		
FWMC	19990818	9	75.25	85.7334		
FWMC	19990818	11	76.125	88.48598		
FWMC	19990818	10	77.375	89.08337	77.375	89.08337
FWMC	19990818	0				
FWMC	19990818	1				
FWMC	19990818	2				
FWMC	19990819	23	16.75	48.4159		
FWMC	19990819	22	18.125	50.85717		
FWMC	19990819	21	21.75	51.39549		
FWMC	19990819	20	24	51.01551		

FWMC	19990819	0	25.125	35.67639
FWMC	19990819	1	25.875	35.53171
FWMC	19990819	2	27.375	37.99218
FWMC	19990819	19	28.625	49.40886
FWMC	19990819	3	30.375	41.89949
FWMC	19990819	18	32.25	50.31583
FWMC	19990819	4	35.875	46.78747
FWMC	19990819	17	37.625	53.08797
FWMC	19990819	5	42.75	52.89117
FWMC	19990819	16	43.75	57.68284
FWMC	19990819	15	50.875	63.47317
FWMC	19990819	6	51.125	60.55622
FWMC	19990819	14	58.875	69.44126
FWMC	19990819	7	60.625	70.05913
FWMC	19990819	13	65.375	75.0529
FWMC	19990819	8	69.75	79.47952
FWMC	19990819	12	72.25	80.11806
FWMC	19990819	9	74.375	85.40791
FWMC	19990819	11	76	85.24126
FWMC	19990819	10	77	86.94327
FWMC	19990820	23	5.75	11.07753
FWMC	19990820	22	9.5	10.42939
FWMC	19990820	21	12.5	11.28647
FWMC	19990820	20	15.125	13.39018
FWMC	19990820	0	15.375	46.00674
FWMC	19990820	1	16.375	44.8327
FWMC	19990820	2	19	44.4464
FWMC	19990820	19	19.625	16.89988
FWMC	19990820	3	22.75	45.33567
FWMC	19990820	18	28.5	22.54043
FWMC	19990820	4	31.25	47.33345
FWMC	19990820	17	38.5	29.54864
FWMC	19990820	5	41.75	50.12169
FWMC	19990820	16	46.875	37.64537
FWMC	19990820	6	52.75	54.04884
FWMC	19990820	15	53.875	46.27587
FWMC	19990820	14	61.375	54.49387
FWMC	19990820	7	63.125	60.20614
FWMC	19990820	13	69.75	61.4226
FWMC	19990820	8	71.25	66.11981
FWMC	19990820	9	76.75	70.03874
FWMC	19990820	12	78.125	66.98312
FWMC	19990820	10	81.125	71.78704
FWMC	19990820	11	83.25	70.87804
FWMC	19990821	0	3.375	13.17037
FWMC	19990821	1	5.25	17.52938
FWMC	19990821	2	12.5	24.53245
FWMC	19990821	3	22.5	33.67541
FWMC	19990821	4	33.75	43.7386
FWMC	19990821	5	45.75	54.21598
FWMC	19990821	17	46.875	44.82099

77 86.94327

83.25 70.87804

FWMC	19990821	16	54.25	51.54049		
FWMC	19990821	6	59	64.70568		
FWMC	19990821	15	64.125	59.8308		
FWMC	19990821	7	71.75	74.76955		
FWMC	19990821	14	74.5	68.19037		
FWMC	19990821	8	84.75	83.63138		
FWMC	19990821	13	85.125	76.0719		
FWMC	19990821	12	92	83.0465		
FWMC	19990821	9	93.25	88.89619		
FWMC	19990821	10	95.375	90.0519	95.375	90.0519
FWMC	19990821	11	95.375	87.911		
FWMC	19990821	18				
FWMC	19990821	19				
FWMC	19990821	20				
FWMC	19990821	21				
FWMC	19990821	22				
FWMC	19990821	23				
FWMC	19990822	23	22.25	32.37291		
FWMC	19990822	22	23	34.72064		
FWMC	19990822	21	24	35.68061		
FWMC	19990822	20	25.625	36.68188		
FWMC	19990822	19	29	38.77841		
FWMC	19990822	18	33.375	42.21189		
FWMC	19990822	3	33.75	48.11255		
FWMC	19990822	17	38.125	46.54436		
FWMC	19990822	4	39.125	54.31431		
FWMC	19990822	16	42.875	51.5733		
FWMC	19990822	5	45.625	59.94137		
FWMC	19990822	15	48.75	57.30188		
FWMC	19990822	6	53	65.78922		
FWMC	19990822	14	56.375	63.32613		
FWMC	19990822	7	60.375	72.46072		
FWMC	19990822	13	63.375	68.28883		
FWMC	19990822	8	66.625	78.38102		
FWMC	19990822	12	68.875	72.95687		
FWMC	19990822	9	70.875	80.83776		
FWMC	19990822	11	71.5	77.38551		
FWMC	19990822	10	72.375	80.0444	72.375	80.0444
FWMC	19990822	0				
FWMC	19990822	1				
FWMC	19990822	2				
FWMC	19990823	23	14.375	29.61805		
FWMC	19990823	2	17.375	32.84987		
FWMC	19990823	3	17.375	37.07728		
FWMC	19990823	22	17.375	31.89028		
FWMC	19990823	4	18.125	41.43461		
FWMC	19990823	1	18.5	29.76392		
FWMC	19990823	5	20	45.98433		
FWMC	19990823	0	20.5	29.78719		
FWMC	19990823	21	20.5	32.94648		
FWMC	19990823	20	22	33.73806		

FWMC	19990823	6	23.375	51.05593		
FWMC	19990823	19	23.875	34.8345		
FWMC	19990823	18	25.875	36.64688		
FWMC	19990823	7	27.5	57.42736		
FWMC	19990823	17	28.625	39.39543		
FWMC	19990823	16	30.625	43.21055		
FWMC	19990823	8	31.5	63.75439		
FWMC	19990823	15	32.5	47.65513		
FWMC	19990823	9	34.25	67.33845		
FWMC	19990823	14	34.25	52.36691		
FWMC	19990823	13	35.5	57.06916		
FWMC	19990823	10	36.625	67.02842		
FWMC	19990823	12	37	61.23599		
FWMC	19990823	11	37.375	64.62759	37.375	64.62759
FWMC	19990824	1	11.875	27.15054		
FWMC	19990824	0	12.25	27.49268		
FWMC	19990824	2	13.375	28.10645		
FWMC	19990824	3	15.375	30.19586		
FWMC	19990824	4	18.625	33.28916		
FWMC	19990824	5	23.25	37.46906		
FWMC	19990824	6	29.75	43.07729		
FWMC	19990824	17	36.625	17.18963		
FWMC	19990824	7	37.75	50.33092		
FWMC	19990824	16	43.5	25.07089		
FWMC	19990824	8	46.125	57.10782		
FWMC	19990824	15	48.75	33.66808		
FWMC	19990824	14	52.25	42.79432		
FWMC	19990824	9	52.5	61.17477		
FWMC	19990824	13	54.5	51.22879		
FWMC	19990824	10	56.125	62.64529		
FWMC	19990824	12	57.75	57.9278		
FWMC	19990824	11	58.375	61.64708	58.375	61.64708
FWMC	19990824	18				
FWMC	19990824	19				
FWMC	19990824	20				
FWMC	19990824	21				
FWMC	19990824	22				
FWMC	19990824	23				
FWMC	19990825	3	16.5	13.66569		
FWMC	19990825	21	23.125	37.09288		
FWMC	19990825	4	23.75	21.29923		
FWMC	19990825	22	24.125	37.1281		
FWMC	19990825	23	25.25	34.20562		
FWMC	19990825	5	34.125	29.98317		
FWMC	19990825	6	46.75	40.05075		
FWMC	19990825	7	61.125	50.8837		
FWMC	19990825	8	75.75	61.59415		
FWMC	19990825	9	88.75	70.42681		
FWMC	19990825	10	97.125	77.82914	97.125	77.82914
FWMC	19990825	0				
FWMC	19990825	1				

FWMC	19990825	2			
FWMC	19990825	11			
FWMC	19990825	12			
FWMC	19990825	13			
FWMC	19990825	14			
FWMC	19990825	15			
FWMC	19990825	16			
FWMC	19990825	17			
FWMC	19990825	18			
FWMC	19990825	19			
FWMC	19990825	20			
FWMC	19990826	0	26.375	29.62491	
FWMC	19990826	1	27.75	25.36301	
FWMC	19990826	2	29.125	22.46782	
FWMC	19990826	3	31.75	21.34017	
FWMC	19990826	4	35.375	22.02064	
FWMC	19990826	23	36.375	13.50054	
FWMC	19990826	5	40.375	23.74395	
FWMC	19990826	22	41.375	12.3916	
FWMC	19990826	21	44.375	11.16293	
FWMC	19990826	19	45.5	12.04557	
FWMC	19990826	20	45.5	10.83281	
FWMC	19990826	18	47	15.9499	
FWMC	19990826	6	47.375	26.69893	
FWMC	19990826	17	48.625	21.27448	
FWMC	19990826	16	49.75	26.70872	
FWMC	19990826	15	51.375	32.1049	
FWMC	19990826	14	54.125	37.15495	
FWMC	19990826	7	55	31.72905	
FWMC	19990826	13	57.5	42.17941	
FWMC	19990826	8	60.375	37.87733	
FWMC	19990826	12	61.375	46.72682	
FWMC	19990826	9	63.875	43.76273	
FWMC	19990826	11	64.75	49.46052	
FWMC	19990826	10	65.625	48.20023	65.625 48.20023
FWMC	19990827	2	24.25	16.04987	
FWMC	19990827	3	25.125	20.09277	
FWMC	19990827	1	26.875	14.28143	
FWMC	19990827	4	29.875	27.19389	
FWMC	19990827	0	31.125	13.85109	
FWMC	19990827	23	36.625	23.37867	
FWMC	19990827	5	37.25	35.31345	
FWMC	19990827	19	38.375	26.3547	
FWMC	19990827	18	38.625	29.85427	
FWMC	19990827	17	40.125	34.91063	
FWMC	19990827	22	40.25	23.5467	
FWMC	19990827	20	40.5	24.38763	
FWMC	19990827	21	42.25	23.55774	
FWMC	19990827	16	43.375	41.63056	
FWMC	19990827	15	46.375	49.12492	
FWMC	19990827	6	47	43.57503	

FWMC	19990827	14	53	56.66682		
FWMC	19990827	7	58	52.01004		
FWMC	19990827	13	60.375	63.86104		
FWMC	19990827	8	65.375	60.62644		
FWMC	19990827	12	68.75	69.97813		
FWMC	19990827	9	72.125	68.13895		
FWMC	19990827	11	75.625	73.93483		
FWMC	19990827	10	76	72.95168	76	72.95168
FWMC	19990828	1	32	24.18593		
FWMC	19990828	2	32.375	28.54526		
FWMC	19990828	0	33.625	23.16056		
FWMC	19990828	3	34.5	35.32031		
FWMC	19990828	4	38.125	42.67757		
FWMC	19990828	17	43.25	36.26444		
FWMC	19990828	5	43.375	49.85233		
FWMC	19990828	16	49.375	41.2086		
FWMC	19990828	6	50.875	56.72153		
FWMC	19990828	15	54.25	47.63603		
FWMC	19990828	7	58.5	64.05679		
FWMC	19990828	14	61.875	54.77296		
FWMC	19990828	8	66	71.30784		
FWMC	19990828	13	70.625	61.77817		
FWMC	19990828	9	72.625	76.42143		
FWMC	19990828	12	76.875	67.86289		
FWMC	19990828	10	77	76.59743		
FWMC	19990828	11	78.625	72.9673	78.625	72.9673
FWMC	19990828	18				
FWMC	19990828	19				
FWMC	19990828	20				
FWMC	19990828	21				
FWMC	19990828	22				
FWMC	19990828	23				
FWMC	19990829	23	13.625	21.0549		
FWMC	19990829	22	16.5	24.69247		
FWMC	19990829	21	18.625	27.8028		
FWMC	19990829	20	22.75	30.60403		
FWMC	19990829	19	27.125	33.69706		
FWMC	19990829	18	34.25	37.90486		
FWMC	19990829	17	42.75	42.84586		
FWMC	19990829	3	43.25	40.44786		
FWMC	19990829	4	48	48.68496		
FWMC	19990829	16	51.625	48.59429		
FWMC	19990829	5	54.625	56.4203		
FWMC	19990829	15	59	54.08231		
FWMC	19990829	6	63.125	63.45074		
FWMC	19990829	14	68.25	59.54021		
FWMC	19990829	7	71.875	70.32273		
FWMC	19990829	13	77.375	65.43049		
FWMC	19990829	8	78.75	76.90398		
FWMC	19990829	12	83.875	71.82259		
FWMC	19990829	9	84.25	81.63882		

FWMC	19990829	10	88	82.09506	88	82.09506
FWMC	19990829	11	88	78.36187		
FWMC	19990829	0				
FWMC	19990829	1				
FWMC	19990829	2				
FWMC	19990830	22	1.125	7.520597		
FWMC	19990830	21	1.5	5.123219		
FWMC	19990830	20	3	3.680771		
FWMC	19990830	1	8.5	15.28176		
FWMC	19990830	19	8.5	5.997755		
FWMC	19990830	0	9.375	17.8386		
FWMC	19990830	2	9.625	15.24547		
FWMC	19990830	3	14.25	18.48533		
FWMC	19990830	18	16.75	12.89094		
FWMC	19990830	4	23.375	25.93292		
FWMC	19990830	17	26.75	22.61448		
FWMC	19990830	5	36.125	36.01374		
FWMC	19990830	16	39	34.94962		
FWMC	19990830	6	49.5	48.03241		
FWMC	19990830	15	51.5	48.74637		
FWMC	19990830	7	62.625	61.62745		
FWMC	19990830	14	64.125	62.9591		
FWMC	19990830	8	75.5	74.96786		
FWMC	19990830	13	77.125	76.87586		
FWMC	19990830	9	85.875	86.744		
FWMC	19990830	12	88.5	88.73017		
FWMC	19990830	10	92.125	93.79935		
FWMC	19990830	11	93.5	95.25716	93.5	95.25716
FWMC	19990830	23				
FWMC	19990831	17	40.625	27.11967		
FWMC	19990831	16	48	34.97789		
FWMC	19990831	15	57.875	45.12682		
FWMC	19990831	7	65.5	69.46737		
FWMC	19990831	14	67.125	56.75354		
FWMC	19990831	8	76.375	79.89848		
FWMC	19990831	13	76.5	68.63773		
FWMC	19990831	12	84.5	79.56028		
FWMC	19990831	9	85.25	88.17876		
FWMC	19990831	11	89.625	87.72836		
FWMC	19990831	10	90	91.012	90	91.012
FWMC	19990831	0				
FWMC	19990831	1				
FWMC	19990831	2				
FWMC	19990831	3				
FWMC	19990831	4				
FWMC	19990831	5				
FWMC	19990831	6				
FWMC	19990831	18				
FWMC	19990831	19				
FWMC	19990831	20				
FWMC	19990831	21				

FWMC	19990831	22				
FWMC	19990831	23				
FWMC	19990901	16	46.625	43.37796		
FWMC	19990901	15	51.375	50.37		
FWMC	19990901	14	57	58.2453		
FWMC	19990901	13	63.125	66.19826		
FWMC	19990901	12	68.25	73.66006		
FWMC	19990901	11	72.125	80.30054	72.125	80.30054
FWMC	19990901	0				
FWMC	19990901	1				
FWMC	19990901	2				
FWMC	19990901	3				
FWMC	19990901	4				
FWMC	19990901	5				
FWMC	19990901	6				
FWMC	19990901	7				
FWMC	19990901	8				
FWMC	19990901	9				
FWMC	19990901	10				
FWMC	19990901	17				
FWMC	19990901	18				
FWMC	19990901	19				
FWMC	19990901	20				
FWMC	19990901	21				
FWMC	19990901	22				
FWMC	19990901	23				

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3		
KELC	19990813	1	16.25	25.76699		
KELC	19990813	2	16.375	26.24746		
KELC	19990813	0	17.125	26.90352		
KELC	19990813	3	17.25	28.28969		
KELC	19990813	4	18.375	31.58809		
KELC	19990813	5	20.375	35.87582		
KELC	19990813	6	24.625	41.37465		
KELC	19990813	7	31.125	48.24853		
KELC	19990813	23	35.875	18.36423		
KELC	19990813	19	37.875	16.12335		
KELC	19990813	8	39.125	55.36736		
KELC	19990813	18	39.125	19.09319		
KELC	19990813	20	39.625	16.18461		
KELC	19990813	22	40.5	17.57406		
KELC	19990813	21	41.125	16.89154		
KELC	19990813	17	43.875	25.27369		
KELC	19990813	9	47.25	61.21801		
KELC	19990813	16	48.125	32.65621		
KELC	19990813	15	50.75	40.56654		
KELC	19990813	14	51	47.65624		
KELC	19990813	13	52.75	54.06121		
KELC	19990813	10	53.125	65.04873		
KELC	19990813	12	54.875	59.90383		
KELC	19990813	11	55.875	64.44881	55.875	64.44881
KELC	19990814	1	31.75	25.47706		
KELC	19990814	0	32.75	20.78355		
KELC	19990814	23	32.875	9.963513		
KELC	19990814	22	33.875	8.335402		
KELC	19990814	2	34.5	31.73566		
KELC	19990814	21	35.25	8.395819		
KELC	19990814	20	37.75	10.60217		
KELC	19990814	3	38.25	39.70403		
KELC	19990814	19	41.75	14.74488		
KELC	19990814	4	44.375	48.25113		
KELC	19990814	18	46.25	21.91785		
KELC	19990814	17	51.125	30.99937		
KELC	19990814	5	52	56.89849		
KELC	19990814	16	57.875	41.0752		
KELC	19990814	6	59.75	65.51794		
KELC	19990814	15	66.625	51.77569		
KELC	19990814	7	68.625	73.99707		
KELC	19990814	14	73.625	61.96015		
KELC	19990814	8	76.875	80.87674		
KELC	19990814	13	79.125	70.4994		
KELC	19990814	9	82.625	84.67131		
KELC	19990814	12	83.5	77.46539		

KELC	19990814	10	85.75	85.63319		
KELC	19990814	11	86.125	83.07374	86.125	83.07374
KELC	19990815	23	27.625	34.69309		
KELC	19990815	22	30	39.0381		
KELC	19990815	21	31.375	42.26281		
KELC	19990815	0	33.75	13.33502		
KELC	19990815	20	34	44.7299		
KELC	19990815	1	35.75	19.96533		
KELC	19990815	2	38.5	29.63116		
KELC	19990815	19	39.875	47.56222		
KELC	19990815	3	43	41.10036		
KELC	19990815	18	48.5	52.23465		
KELC	19990815	4	49.125	52.60504		
KELC	19990815	5	55.625	63.60124		
KELC	19990815	17	57.75	58.61371		
KELC	19990815	6	64.375	73.8539		
KELC	19990815	16	66.125	65.51053		
KELC	19990815	15	73.75	71.69407		
KELC	19990815	7	74.125	83.59972		
KELC	19990815	14	83.125	78.05692		
KELC	19990815	8	83.375	92.21886		
KELC	19990815	9	90.875	97.49912		
KELC	19990815	13	92	84.48835		
KELC	19990815	10	96	98.74696		
KELC	19990815	12	96.75	90.86494		
KELC	19990815	11	97.875	96.25571	97.875	96.25571
KELC	19990816	1	24.5	29.12046		
KELC	19990816	0	24.625	30.32253		
KELC	19990816	23	26.375	24.60801		
KELC	19990816	2	27.125	30.48863		
KELC	19990816	22	27.75	26.87065		
KELC	19990816	21	28	28.1515		
KELC	19990816	20	30.25	29.67662		
KELC	19990816	3	33	33.76244		
KELC	19990816	19	35.75	32.82924		
KELC	19990816	4	40	38.79052		
KELC	19990816	18	43.875	37.91533		
KELC	19990816	5	48.5	45.56912		
KELC	19990816	17	54.75	44.54306		
KELC	19990816	6	59.25	54.46903		
KELC	19990816	16	67.75	52.2845		
KELC	19990816	7	72.25	65.39327		
KELC	19990816	15	81.375	60.80995		
KELC	19990816	8	85.375	76.34438		
KELC	19990816	14	92.25	70.30723		
KELC	19990816	9	96.25	84.26493		
KELC	19990816	13	101	79.38258		
KELC	19990816	10	104.25	88.6554		
KELC	19990816	12	106.625	86.01395		
KELC	19990816	11	107.625	89.19991	107.625	89.19991
KELC	19990817	0	27.625	21.75067		

KELC	19990817	1	31	20.16341		
KELC	19990817	23	35.625	22.51095		
KELC	19990817	2	36.375	21.38897		
KELC	19990817	22	38.875	20.76414		
KELC	19990817	21	40.125	19.13099		
KELC	19990817	20	41.375	18.61888		
KELC	19990817	3	43.625	25.97047		
KELC	19990817	19	44.75	19.88203		
KELC	19990817	18	50.5	23.58476		
KELC	19990817	4	52.625	32.69873		
KELC	19990817	17	57.625	30.15369		
KELC	19990817	5	61.75	41.17495		
KELC	19990817	16	64.25	38.74649		
KELC	19990817	6	71.25	51.33549		
KELC	19990817	15	72.375	49.36002		
KELC	19990817	14	80.5	60.60213		
KELC	19990817	7	82.75	62.64806		
KELC	19990817	13	88.625	70.80099		
KELC	19990817	8	92.125	73.12731		
KELC	19990817	12	96	79.01501		
KELC	19990817	9	97.625	81.06357		
KELC	19990817	11	100.625	84.16444		
KELC	19990817	10	100.75	85.28951	100.75	85.28951
KELC	19990818	23	15.375	23.05407		
KELC	19990818	22	18.125	22.31393		
KELC	19990818	21	19.625	21.41859		
KELC	19990818	20	22.5	21.62487		
KELC	19990818	19	27.5	24.56452		
KELC	19990818	1	30.75	25.78692		
KELC	19990818	0	32.125	23.83045		
KELC	19990818	2	33	28.86032		
KELC	19990818	18	35	30.80294		
KELC	19990818	3	36.625	34.0084		
KELC	19990818	4	42	41.44769		
KELC	19990818	17	45.375	39.04512		
KELC	19990818	5	48.375	50.6065		
KELC	19990818	6	55.125	60.50158		
KELC	19990818	16	55.25	49.36975		
KELC	19990818	7	64.5	71.15638		
KELC	19990818	15	64.875	61.0082		
KELC	19990818	14	73.375	72.83053		
KELC	19990818	8	74.875	81.92185		
KELC	19990818	13	81.875	83.70358		
KELC	19990818	9	83.25	90.32195		
KELC	19990818	12	88	92.34453		
KELC	19990818	10	88.375	95.35226		
KELC	19990818	11	90	96.51441	90	96.51441
KELC	19990819	0	15.25	23.97338		
KELC	19990819	1	17.625	26.85515		
KELC	19990819	2	21	31.66898		
KELC	19990819	3	25.125	38.17464		

KELC	19990819	23	28.25	53.12002		
KELC	19990819	4	31.125	45.4583		
KELC	19990819	22	32.125	54.81767		
KELC	19990819	21	35.5	55.14159		
KELC	19990819	5	38.625	53.33521		
KELC	19990819	20	39.875	54.31595		
KELC	19990819	19	43.25	52.28707		
KELC	19990819	6	46	61.95417		
KELC	19990819	18	46.75	52.36263		
KELC	19990819	17	48.75	54.00028		
KELC	19990819	16	51.5	57.31958		
KELC	19990819	7	54.75	71.35966		
KELC	19990819	15	56.125	62.17887		
KELC	19990819	14	60.5	67.62372		
KELC	19990819	8	62.125	80.15492		
KELC	19990819	13	64.625	73.27163		
KELC	19990819	9	65.375	85.70736		
KELC	19990819	12	67.375	79.10769		
KELC	19990819	10	67.625	87.40749		
KELC	19990819	11	69	85.07797	69	85.07797
KELC	19990820	0	26.25	51.18372		
KELC	19990820	1	26.25	49.62381		
KELC	19990820	23	28	20.87808		
KELC	19990820	22	32.5	21.00325		
KELC	19990820	21	36.5	22.26612		
KELC	19990820	20	40	24.90392		
KELC	19990820	19	43.75	28.1914		
KELC	19990820	18	48.375	32.57145		
KELC	19990820	17	53.5	38.35215		
KELC	19990820	16	58.125	45.08312		
KELC	19990820	15	61.875	52.13568		
KELC	19990820	14	65.375	58.79555		
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KELC	19990820	12	73.125	68.60718		
KELC	19990820	11	75.875	71.81091	75.875	71.81091
KELC	19990820	2				
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KELC	19990820	9				
KELC	19990820	10				
KELC	19990821	0	25.5	21.83349		
KELC	19990821	1	26.125	24.95425		
KELC	19990821	2	30.25	30.9008		
KELC	19990821	3	36.5	39.13298		
KELC	19990821	4	44.75	48.45255		
KELC	19990821	5	53.625	58.1416		
KELC	19990821	6	63.125	67.95986		

KELC	19990821	17	68.5	44.56846		
KELC	19990821	7	73.375	77.63422		
KELC	19990821	16	74.5	51.85387		
KELC	19990821	15	80.375	60.54318		
KELC	19990821	8	83	86.1578		
KELC	19990821	14	86	69.24412		
KELC	19990821	9	90.375	91.22133		
KELC	19990821	13	90.375	77.24227		
KELC	19990821	12	93	84.07878		
KELC	19990821	10	93.75	92.16689		
KELC	19990821	11	94.5	89.32591	94.5	89.32591
KELC	19990821	18				
KELC	19990821	19				
KELC	19990821	20				
KELC	19990821	21				
KELC	19990821	22				
KELC	19990821	23				
KELC	19990822	23	23.125	26.66488		
KELC	19990822	22	27.125	29.361		
KELC	19990822	21	30.5	30.79262		
KELC	19990822	20	34.125	32.43665		
KELC	19990822	19	39.125	35.02909		
KELC	19990822	3	42.75	44.99408		
KELC	19990822	18	44.625	38.73423		
KELC	19990822	4	47.125	52.71993		
KELC	19990822	17	50.125	43.37819		
KELC	19990822	5	52.75	59.92668		
KELC	19990822	16	56.5	49.09208		
KELC	19990822	6	59	66.54115		
KELC	19990822	15	62.875	55.84302		
KELC	19990822	7	65.875	73.59817		
KELC	19990822	14	69	62.34334		
KELC	19990822	8	72.75	80.53051		
KELC	19990822	13	74.625	67.93182		
KELC	19990822	9	78.25	83.91858		
KELC	19990822	12	79	73.8726		
KELC	19990822	10	81.25	83.2794		
KELC	19990822	11	81.25	79.64269	81.25	79.64269
KELC	19990822	0				
KELC	19990822	1				
KELC	19990822	2				
KELC	19990823	23	11.125	24.03906		
KELC	19990823	22	14.375	25.81208		
KELC	19990823	2	16.375	24.18778		
KELC	19990823	3	16.375	28.9037		
KELC	19990823	21	17.625	26.24981		
KELC	19990823	1	18	21.84609		
KELC	19990823	4	18	34.67686		
KELC	19990823	0	20.125	23.56051		
KELC	19990823	20	20.125	26.4122		
KELC	19990823	5	20.875	40.82092		

KELC	19990823	19	23.125	26.77545		
KELC	19990823	6	25.25	47.43344		
KELC	19990823	18	26.875	27.74525		
KELC	19990823	17	30.375	30.12779		
KELC	19990823	7	31.125	55.08598		
KELC	19990823	16	33.625	34.161		
KELC	19990823	8	36.25	62.32616		
KELC	19990823	15	37.125	39.44636		
KELC	19990823	9	39.875	67.39964		
KELC	19990823	14	40.25	45.62084		
KELC	19990823	10	42.875	67.2688		
KELC	19990823	13	42.875	52.15563		
KELC	19990823	11	45.125	63.56628		
KELC	19990823	12	45.375	58.22852	45.375	58.22852
KELC	19990824	0	9.5	22.2827		
KELC	19990824	1	9.75	21.80871		
KELC	19990824	2	11.375	22.78829		
KELC	19990824	3	14.25	25.44831		
KELC	19990824	4	18.75	29.51825		
KELC	19990824	5	24.875	34.93307		
KELC	19990824	6	32	42.06132		
KELC	19990824	7	39.5	50.71175		
KELC	19990824	17	44.125	22.55023		
KELC	19990824	16	45.875	30.19051		
KELC	19990824	8	46.125	58.48476		
KELC	19990824	15	48.75	39.06725		
KELC	19990824	14	50.375	48.28867		
KELC	19990824	9	50.75	63.68074		
KELC	19990824	13	51.5	56.80547		
KELC	19990824	12	52	63.08138		
KELC	19990824	10	53.125	66.03767		
KELC	19990824	11	53.25	65.91311	53.25	65.91311
KELC	19990824	18				
KELC	19990824	19				
KELC	19990824	20				
KELC	19990824	21				
KELC	19990824	22				
KELC	19990824	23				
KELC	19990825	23	20.25	17.14181		
KELC	19990825	22	20.625	18.26963		
KELC	19990825	21	21.625	18.52378		
KELC	19990825	20	25.625	17.72149		
KELC	19990825	19	31.875	17.57491		
KELC	19990825	3	34.375	26.25732		
KELC	19990825	18	39.75	19.98492		
KELC	19990825	4	39.875	32.35824		
KELC	19990825	5	47	39.6517		
KELC	19990825	17	50.125	25.96421		
KELC	19990825	6	54.75	48.51022		
KELC	19990825	16	62.25	34.56163		
KELC	19990825	7	67	59.39936		

KELC	19990825	15	74.75	45.17485		
KELC	19990825	8	78.375	70.4036		
KELC	19990825	9	88.25	78.41981		
KELC	19990825	14	88.625	56.36764		
KELC	19990825	10	96.5	83.0547		
KELC	19990825	13	99.5	66.80509		
KELC	19990825	11	102.625	82.28057		
KELC	19990825	12	104.5	75.83922	104.5	75.83922
KELC	19990825	0				
KELC	19990825	1				
KELC	19990825	2				
KELC	19990826	0	21.125	15.46827		
KELC	19990826	1	23	13.2749		
KELC	19990826	2	24.625	11.09826		
KELC	19990826	3	26.125	11.26193		
KELC	19990826	4	29.375	14.56883		
KELC	19990826	23	34.25	2.201725		
KELC	19990826	22	36	1.845553		
KELC	19990826	5	36.125	19.97223		
KELC	19990826	21	37	2.281228		
KELC	19990826	20	38.625	3.370649		
KELC	19990826	19	40.25	5.638769		
KELC	19990826	18	43	9.796247		
KELC	19990826	6	44.5	26.7049		
KELC	19990826	17	45.5	16.26109		
KELC	19990826	16	49.125	23.48126		
KELC	19990826	15	54	31.07561		
KELC	19990826	7	54.625	33.84266		
KELC	19990826	14	60.125	38.46806		
KELC	19990826	8	62.5	41.0982		
KELC	19990826	13	65.5	45.5989		
KELC	19990826	9	67.5	47.96531		
KELC	19990826	12	68.75	51.66834		
KELC	19990826	10	69.75	53.84629		
KELC	19990826	11	70.25	55.10364	70.25	55.10364
KELC	19990827	2	26.5	7.15944		
KELC	19990827	1	27	4.009406		
KELC	19990827	3	30.125	13.85381		
KELC	19990827	0	30.375	2.942383		
KELC	19990827	4	35.25	24.01226		
KELC	19990827	23	37.75	23.01965		
KELC	19990827	22	41.5	22.82781		
KELC	19990827	5	43.125	35.82745		
KELC	19990827	19	44.375	25.04731		
KELC	19990827	20	44.375	22.63876		
KELC	19990827	21	44.5	22.28076		
KELC	19990827	18	46.25	29.44531		
KELC	19990827	17	47	35.06931		
KELC	19990827	16	50.625	41.94325		
KELC	19990827	6	51.875	48.023		
KELC	19990827	15	52.5	50.19542		

KELC	19990827	14	55.5	59.34649	
KELC	19990827	7	58.5	59.59687	
KELC	19990827	13	61.375	68.40343	
KELC	19990827	8	64.375	69.57833	
KELC	19990827	12	68.625	76.71123	
KELC	19990827	9	71.125	77.63197	
KELC	19990827	11	72.375	82.10165	
KELC	19990827	10	73	82.28358	73 82.28358
KELC	19990828	1	34.5	23.22238	
KELC	19990828	0	34.875	22.7795	
KELC	19990828	2	34.875	26.84359	
KELC	19990828	3	36.875	34.2719	
KELC	19990828	4	40.625	43.16748	
KELC	19990828	5	47.125	51.60111	
KELC	19990828	6	55.125	60.58333	
KELC	19990828	7	64	71.07066	
KELC	19990828	17	64.625	29.68982	
KELC	19990828	16	68.375	40.21391	
KELC	19990828	15	73.375	52.15752	
KELC	19990828	8	73.5	81.68383	
KELC	19990828	14	79	64.29063	
KELC	19990828	9	80.75	90.43951	
KELC	19990828	13	84.625	74.84823	
KELC	19990828	10	86.5	93.63351	
KELC	19990828	12	88.75	83.47109	
KELC	19990828	11	89.5	90.26484	89.5 90.26484
KELC	19990828	18			
KELC	19990828	19			
KELC	19990828	20			
KELC	19990828	21			
KELC	19990828	22			
KELC	19990828	23			
KELC	19990829	23	38.25	20.11531	
KELC	19990829	22	42	21.61211	
KELC	19990829	21	43.5	22.05716	
KELC	19990829	20	44.125	23.43039	
KELC	19990829	19	47.125	26.88107	
KELC	19990829	18	50.5	32.75285	
KELC	19990829	3	54	35.80025	
KELC	19990829	17	55.125	40.26966	
KELC	19990829	4	58.375	49.75666	
KELC	19990829	16	60	48.20142	
KELC	19990829	5	65	62.70559	
KELC	19990829	15	65.875	57.07135	
KELC	19990829	6	71.25	74.64263	
KELC	19990829	14	72.25	66.89887	
KELC	19990829	7	76.5	85.55154	
KELC	19990829	13	78.625	77.43565	
KELC	19990829	8	80.75	94.699	
KELC	19990829	12	83.875	87.73884	
KELC	19990829	9	84.875	100.6272	

KELC	19990829	11	86.625	97.04903		
KELC	19990829	10	87	101.8977	87	101.8977
KELC	19990829	0				
KELC	19990829	1				
KELC	19990829	2				
KELC	19990830	23	21.25	18.4228		
KELC	19990830	22	23.125	16.93826		
KELC	19990830	21	26	14.14771		
KELC	19990830	20	29.25	12.39384		
KELC	19990830	2	30	18.59323		
KELC	19990830	1	30.5	17.04411		
KELC	19990830	3	32.5	23.50669		
KELC	19990830	0	34.125	18.41978		
KELC	19990830	19	34.75	13.41437		
KELC	19990830	4	38.875	31.41876		
KELC	19990830	18	41.25	18.212		
KELC	19990830	5	45.875	41.65541		
KELC	19990830	17	48.25	26.57174		
KELC	19990830	6	55.125	53.65776		
KELC	19990830	16	56.375	37.67628		
KELC	19990830	15	65.5	50.95334		
KELC	19990830	7	66.75	67.40463		
KELC	19990830	14	73.25	65.19328		
KELC	19990830	8	78.375	80.49064		
KELC	19990830	13	80.5	78.91599		
KELC	19990830	9	87.5	91.49044		
KELC	19990830	12	87.625	90.14635		
KELC	19990830	11	91.5	96.83231		
KELC	19990830	10	91.625	97.33996	91.625	97.33996
KELC	19990831	0	21.125	19.56445		
KELC	19990831	1	22.25	21.11931		
KELC	19990831	2	26.5	25.44863		
KELC	19990831	3	33.875	32.83121		
KELC	19990831	4	43.375	41.55735		
KELC	19990831	17	47.625	30.27972		
KELC	19990831	5	53.5	50.56625		
KELC	19990831	16	55.25	38.09859		
KELC	19990831	6	64	59.88422		
KELC	19990831	15	64.625	47.97543		
KELC	19990831	14	73.75	59.02929		
KELC	19990831	7	74.875	70.70227		
KELC	19990831	13	81.25	70.14192		
KELC	19990831	8	84.375	80.98543		
KELC	19990831	12	88.75	80.36556		
KELC	19990831	9	91.5	89.07774		
KELC	19990831	11	94	88.42001		
KELC	19990831	10	95.125	92.07361	95.125	92.07361
KELC	19990831	18				
KELC	19990831	19				
KELC	19990831	20				
KELC	19990831	21				

KELC	19990831	22			
KELC	19990831	23			
KELC	19990901	3	46.875	55.53073	
KELC	19990901	4	51.625	60.74867	
KELC	19990901	16	54.625	44.32751	
KELC	19990901	5	57.125	65.98394	
KELC	19990901	15	59.875	51.63332	
KELC	19990901	6	64.25	71.82271	
KELC	19990901	14	65.875	60.15423	
KELC	19990901	7	71.875	78.98267	
KELC	19990901	13	72.125	68.85688	
KELC	19990901	12	77.375	76.89642	
KELC	19990901	8	78.375	85.58136	
KELC	19990901	11	81.75	83.65549	
KELC	19990901	9	82.75	88.5277	
KELC	19990901	10	84.5	87.87145	84.5 87.87145
KELC	19990901	0			
KELC	19990901	1			
KELC	19990901	2			
KELC	19990901	17			
KELC	19990901	18			
KELC	19990901	19			
KELC	19990901	20			
KELC	19990901	21			
KELC	19990901	22			
KELC	19990901	23			

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3		
MDLT	19990813	2	21	35.25345		
MDLT	19990813	1	21.25	34.41814		
MDLT	19990813	3	21.625	36.91486		
MDLT	19990813	0	22.25	34.59958		
MDLT	19990813	4	24.125	39.1769		
MDLT	19990813	5	27.75	41.99968		
MDLT	19990813	6	32.25	45.29605		
MDLT	19990813	23	33.75	1.51218		
MDLT	19990813	20	34	9.027978		
MDLT	19990813	21	34.125	4.713456		
MDLT	19990813	22	34.125	1.637029		
MDLT	19990813	19	35.875	13.84959		
MDLT	19990813	7	37.125	48.78395		
MDLT	19990813	18	37.375	19.59494		
MDLT	19990813	17	38.375	26.31232		
MDLT	19990813	16	41.125	33.47556		
MDLT	19990813	8	43.125	52.23371		
MDLT	19990813	15	45.25	40.75704		
MDLT	19990813	14	48.125	47.17867		
MDLT	19990813	9	48.375	54.87434		
MDLT	19990813	10	50.625	56.2803		
MDLT	19990813	13	51.125	51.52721		
MDLT	19990813	11	51.625	55.98978		
MDLT	19990813	12	52.375	54.25594	52.375	54.25594
MDLT	19990814	0	34.875	3.861049		
MDLT	19990814	1	36.375	9.504107		
MDLT	19990814	2	40	17.66248		
MDLT	19990814	3	46.375	27.58782		
MDLT	19990814	4	53	38.13715		
MDLT	19990814	5	60.375	48.96493		
MDLT	19990814	6	68.125	59.78087		
MDLT	19990814	7	76.5	69.62666		
MDLT	19990814	8	83.875	78.08323		
MDLT	19990814	17	84.375	48.18354		
MDLT	19990814	16	89.625	54.51534		
MDLT	19990814	9	90.125	83.14192		
MDLT	19990814	15	93	61.43534		
MDLT	19990814	10	94	84.9741		
MDLT	19990814	13	94.375	74.95727		
MDLT	19990814	14	94.375	68.41241		
MDLT	19990814	11	95.625	83.77062		
MDLT	19990814	12	96.25	80.34084	96.25	80.34084
MDLT	19990814	18				
MDLT	19990814	19				
MDLT	19990814	20				
MDLT	19990814	21				

MDLT	19990814	22			
MDLT	19990814	23			
MDLT	19990815	3	51.375	49.17284	
MDLT	19990815	23	54.125	49.94873	
MDLT	19990815	4	54.25	53.1567	
MDLT	19990815	22	55.5	53.01202	
MDLT	19990815	21	56.875	55.72121	
MDLT	19990815	5	57.75	57.31212	
MDLT	19990815	20	58.75	57.74613	
MDLT	19990815	6	62	62.20852	
MDLT	19990815	19	63	59.17446	
MDLT	19990815	7	67.125	67.7577	
MDLT	19990815	18	67.5	61.11458	
MDLT	19990815	17	71.125	63.50011	
MDLT	19990815	8	71.875	72.67204	
MDLT	19990815	16	74	65.98412	
MDLT	19990815	9	75.625	75.31505	
MDLT	19990815	15	77.125	68.27724	
MDLT	19990815	10	78.5	76.51552	
MDLT	19990815	14	79.5	70.85375	
MDLT	19990815	11	80.75	76.2852	
MDLT	19990815	13	81.5	72.95453	
MDLT	19990815	12	82.375	74.67027	82.375 74.67027
MDLT	19990815	0			
MDLT	19990815	1			
MDLT	19990815	2			
MDLT	19990816	1	53.125	45.42159	
MDLT	19990816	0	53.625	46.35512	
MDLT	19990816	2	55.125	46.1956	
MDLT	19990816	3	58.875	47.9362	
MDLT	19990816	4	62.5	50.46801	
MDLT	19990816	20	64.625	44.82914	
MDLT	19990816	21	65.125	41.61201	
MDLT	19990816	23	65.375	35.85728	
MDLT	19990816	19	65.5	48.41925	
MDLT	19990816	22	65.5	38.62749	
MDLT	19990816	5	66.125	53.90583	
MDLT	19990816	18	67.125	52.25262	
MDLT	19990816	17	70	56.60514	
MDLT	19990816	6	70.5	58.7027	
MDLT	19990816	16	73	61.1456	
MDLT	19990816	7	74.875	64.56252	
MDLT	19990816	15	76.125	65.95142	
MDLT	19990816	8	79.25	71.11169	
MDLT	19990816	14	79.5	70.57032	
MDLT	19990816	13	82.75	74.24099	
MDLT	19990816	9	83	75.05598	
MDLT	19990816	12	84.875	76.41817	
MDLT	19990816	10	85.25	76.94908	
MDLT	19990816	11	85.375	77.19165	85.375 77.19165
MDLT	19990817	0	65.5	33.37515	

MDLT	19990817	1	67.5	33.67754		
MDLT	19990817	2	70.5	35.98961		
MDLT	19990817	3	73.5	39.29306		
MDLT	19990817	4	76.375	43.32756		
MDLT	19990817	5	78.875	48.12213		
MDLT	19990817	17	81	53.09116		
MDLT	19990817	6	81.25	53.58084		
MDLT	19990817	16	83.75	58.77757		
MDLT	19990817	7	84	59.62177		
MDLT	19990817	15	84.125	63.9356		
MDLT	19990817	11	84.5	73.75667		
MDLT	19990817	14	84.625	68.05013		
MDLT	19990817	12	84.875	73.13211		
MDLT	19990817	13	85	71.12425		
MDLT	19990817	10	85.25	73.07449		
MDLT	19990817	8	85.625	66.23038		
MDLT	19990817	9	86.375	70.62753	86.375	70.62753
MDLT	19990817	18				
MDLT	19990817	19				
MDLT	19990817	20				
MDLT	19990817	21				
MDLT	19990817	22				
MDLT	19990817	23				
MDLT	19990818	23	35.625	35.34384		
MDLT	19990818	22	37.75	36.56791		
MDLT	19990818	21	40.25	37.94174		
MDLT	19990818	20	43.25	39.73365		
MDLT	19990818	19	46.375	42.19486		
MDLT	19990818	18	51.25	45.57476		
MDLT	19990818	3	55.625	38.91233		
MDLT	19990818	17	56.875	49.82826		
MDLT	19990818	4	57.25	43.99344		
MDLT	19990818	5	58.875	49.42246		
MDLT	19990818	6	60.625	55.25528		
MDLT	19990818	16	61.125	54.24705		
MDLT	19990818	7	63	61.52243		
MDLT	19990818	15	64	58.6513		
MDLT	19990818	8	65.875	68.00953		
MDLT	19990818	14	66.25	62.81416		
MDLT	19990818	13	67.875	66.36227		
MDLT	19990818	9	68.875	71.71576		
MDLT	19990818	12	69.25	69.16636		
MDLT	19990818	10	70.125	72.19381		
MDLT	19990818	11	70.25	71.06062	70.25	71.06062
MDLT	19990818	0				
MDLT	19990818	1				
MDLT	19990818	2				
MDLT	19990819	1	33.125	33.82023		
MDLT	19990819	0	33.375	33.95645		
MDLT	19990819	2	37	35.33455		
MDLT	19990819	3	43.125	39.12539		

MDLT	19990819	23	45.5	41.91718		
MDLT	19990819	22	46.375	40.39264		
MDLT	19990819	4	49.25	44.55975		
MDLT	19990819	21	49.25	39.93182		
MDLT	19990819	20	50.75	40.08283		
MDLT	19990819	19	52	41.0617		
MDLT	19990819	18	56.125	44.09232		
MDLT	19990819	5	57.75	51.14588		
MDLT	19990819	17	63.5	51.19225		
MDLT	19990819	6	67.375	58.97954		
MDLT	19990819	16	72.25	62.05661		
MDLT	19990819	7	78.125	68.16937		
MDLT	19990819	15	83.25	73.12695		
MDLT	19990819	8	90.25	78.38358		
MDLT	19990819	14	93.5	81.99071		
MDLT	19990819	13	100.125	88.12009		
MDLT	19990819	9	100.625	87.40282		
MDLT	19990819	12	105.375	92.2288		
MDLT	19990819	10	107.25	93.3344		
MDLT	19990819	11	108.375	94.41829	108.375	94.41829
MDLT	19990820	1	45.25	46.00389		
MDLT	19990820	0	45.75	44.10742		
MDLT	19990820	2	46.5	46.79057		
MDLT	19990820	22	48.125	25.87285		
MDLT	19990820	23	48.5	28.4879		
MDLT	19990820	21	49.5	24.57428		
MDLT	19990820	3	49.75	47.61086		
MDLT	19990820	20	51.5	25.56751		
MDLT	19990820	4	54.375	49.89723		
MDLT	19990820	19	54.75	29.01041		
MDLT	19990820	18	59.375	34.09465		
MDLT	19990820	5	60.125	53.88511		
MDLT	19990820	17	65	40.86765		
MDLT	19990820	6	69.125	59.0594		
MDLT	19990820	16	71.5	48.67692		
MDLT	19990820	7	78.625	64.83206		
MDLT	19990820	15	79.875	57.16132		
MDLT	19990820	8	86.875	71.17458		
MDLT	19990820	14	87.625	65.55119		
MDLT	19990820	9	93	76.9347		
MDLT	19990820	13	93.5	73.1678		
MDLT	19990820	12	96.625	78.64359		
MDLT	19990820	10	97	80.48673		
MDLT	19990820	11	98	81.00301	98	81.00301
MDLT	19990821	0	50	31.55072		
MDLT	19990821	1	52.125	35.66789		
MDLT	19990821	2	55.125	41.27406		
MDLT	19990821	3	59.125	47.716		
MDLT	19990821	4	64.375	54.37982		
MDLT	19990821	5	69.75	60.45663		
MDLT	19990821	6	75.375	65.68638		

MDLT	19990821	17	78	56.22444	
MDLT	19990821	7	81.875	70.13724	
MDLT	19990821	16	81.875	60.96615	
MDLT	19990821	15	86.125	65.69012	
MDLT	19990821	8	88.375	74.23024	
MDLT	19990821	14	89	69.81834	
MDLT	19990821	13	91.125	73.29981	
MDLT	19990821	9	92.5	76.98171	
MDLT	19990821	12	93.875	75.90319	
MDLT	19990821	10	94.625	78.0048	
MDLT	19990821	11	95.5	77.50444	95.5 77.50444
MDLT	19990821	18			
MDLT	19990821	19			
MDLT	19990821	20			
MDLT	19990821	21			
MDLT	19990821	22			
MDLT	19990821	23			
MDLT	19990822	23	34.5	34.67596	
MDLT	19990822	22	40	35.74822	
MDLT	19990822	21	46	37.7225	
MDLT	19990822	3	49.75	47.14028	
MDLT	19990822	20	51.5	40.35406	
MDLT	19990822	4	53.125	52.21307	
MDLT	19990822	19	56.75	43.4752	
MDLT	19990822	5	57.25	58.17424	
MDLT	19990822	18	62	46.83437	
MDLT	19990822	6	62.5	64.53067	
MDLT	19990822	17	67.25	50.37291	
MDLT	19990822	7	68.5	68.92892	
MDLT	19990822	16	71.625	53.92239	
MDLT	19990822	8	73.75	72.23965	
MDLT	19990822	15	74.5	57.42077	
MDLT	19990822	9	77.375	73.12045	
MDLT	19990822	14	77.375	60.93181	
MDLT	19990822	13	79.125	64.6067	
MDLT	19990822	10	79.75	72.14339	
MDLT	19990822	12	80.375	67.78991	
MDLT	19990822	11	80.75	70.18124	80.75 70.18124
MDLT	19990822	0			
MDLT	19990822	1			
MDLT	19990822	2			
MDLT	19990823	23	22.25	32.20404	
MDLT	19990823	3	22.75	42.21783	
MDLT	19990823	4	23.25	46.21421	
MDLT	19990823	2	23.5	38.58066	
MDLT	19990823	5	25.125	50.26514	
MDLT	19990823	22	25.125	33.24718	
MDLT	19990823	1	25.625	35.6865	
MDLT	19990823	21	27.875	34.51401	
MDLT	19990823	6	28.5	54.17014	
MDLT	19990823	0	29.25	34.46619	

MDLT	19990823	20	30.75	35.92979		
MDLT	19990823	7	32.5	57.62189		
MDLT	19990823	19	33.875	37.6374		
MDLT	19990823	18	36.625	39.81773		
MDLT	19990823	8	37.25	60.61032		
MDLT	19990823	17	39.75	42.54738		
MDLT	19990823	9	41.625	62.27502		
MDLT	19990823	16	43.25	45.82196		
MDLT	19990823	10	45.125	62.13408		
MDLT	19990823	15	46.375	49.4651		
MDLT	19990823	11	47.25	60.96284		
MDLT	19990823	14	48.125	53.01196		
MDLT	19990823	12	48.875	58.93211		
MDLT	19990823	13	49.25	56.23325	49.25	56.23325
MDLT	19990824	0	20.75	31.38303		
MDLT	19990824	1	21.125	31.56028		
MDLT	19990824	2	22.25	33.0697		
MDLT	19990824	3	24	35.22693		
MDLT	19990824	4	26.625	37.83085		
MDLT	19990824	5	29	40.94045		
MDLT	19990824	6	32.375	44.55421		
MDLT	19990824	7	38.125	48.5012		
MDLT	19990824	8	43.75	52.55677		
MDLT	19990824	9	47.75	55.62048		
MDLT	19990824	10	51.875	57.14734		
MDLT	19990824	11	55.75	57.79255		
MDLT	19990824	12	59.25	57.03447		
MDLT	19990824	17	60.5	37.00849		
MDLT	19990824	16	61.5	42.20845		
MDLT	19990824	13	62.25	54.72836		
MDLT	19990824	15	63.5	47.11869		
MDLT	19990824	14	64.125	51.32449	64.125	51.32449
MDLT	19990824	18				
MDLT	19990824	19				
MDLT	19990824	20				
MDLT	19990824	21				
MDLT	19990824	22				
MDLT	19990824	23				
MDLT	19990825	3	39.75	22.34604		
MDLT	19990825	23	44.625	21.82565		
MDLT	19990825	22	48.875	22.83577		
MDLT	19990825	21	53	24.96556		
MDLT	19990825	20	56.5	28.25069		
MDLT	19990825	19	59.875	32.90995		
MDLT	19990825	18	62.375	38.73814		
MDLT	19990825	17	63.875	45.21188		
MDLT	19990825	16	66.125	52.6073		
MDLT	19990825	15	68.875	60.75871		
MDLT	19990825	14	71.75	68.85922		
MDLT	19990825	13	74.5	76.18176		
MDLT	19990825	12	77.5	81.92055	77.5	81.92055

MDLT	19990825	0			
MDLT	19990825	1			
MDLT	19990825	2			
MDLT	19990825	4			
MDLT	19990825	5			
MDLT	19990825	6			
MDLT	19990825	7			
MDLT	19990825	8			
MDLT	19990825	9			
MDLT	19990825	10			
MDLT	19990825	11			
MDLT	19990826	23	35.125	26.38898	
MDLT	19990826	2	36.25	23.16423	
MDLT	19990826	3	37.625	26.19572	
MDLT	19990826	1	37.75	21.84034	
MDLT	19990826	22	38.5	26.96009	
MDLT	19990826	0	41	21.5636	
MDLT	19990826	4	41.25	30.11884	
MDLT	19990826	21	41.75	28.13403	
MDLT	19990826	5	46	34.18854	
MDLT	19990826	20	46	30.01511	
MDLT	19990826	6	51.25	38.1595	
MDLT	19990826	19	51.5	32.7337	
MDLT	19990826	7	56.875	42.07348	
MDLT	19990826	18	58.25	36.61255	
MDLT	19990826	8	61.875	46.32355	
MDLT	19990826	17	63.25	41.82601	
MDLT	19990826	9	66.5	51.18573	
MDLT	19990826	16	66.75	46.77219	
MDLT	19990826	15	68.75	50.56302	
MDLT	19990826	10	69.625	55.47288	
MDLT	19990826	14	70.75	53.36926	
MDLT	19990826	13	72.25	55.52992	
MDLT	19990826	11	72.375	57.07944	
MDLT	19990826	12	72.75	56.86783	72.75 56.86783
MDLT	19990827	2	27.375	31.53831	
MDLT	19990827	1	29.125	28.36117	
MDLT	19990827	3	30.625	35.38386	
MDLT	19990827	0	31.375	26.74139	
MDLT	19990827	4	37.125	38.93409	
MDLT	19990827	5	43.875	42.1895	
MDLT	19990827	23	48	35.23548	
MDLT	19990827	22	50.125	35.64726	
MDLT	19990827	6	51.125	46.24698	
MDLT	19990827	21	52.875	36.38184	
MDLT	19990827	20	55.75	37.72573	
MDLT	19990827	7	58.875	50.97554	
MDLT	19990827	19	59.25	39.57548	
MDLT	19990827	18	63.5	41.79411	
MDLT	19990827	8	67.25	55.21006	
MDLT	19990827	17	67.625	44.90565	

MDLT	19990827	16	72.125	48.2921		
MDLT	19990827	9	75.25	58.36418		
MDLT	19990827	15	77.25	51.59688		
MDLT	19990827	14	81.375	54.73547		
MDLT	19990827	10	83.375	59.62201		
MDLT	19990827	13	84.5	56.89326		
MDLT	19990827	12	86.625	57.98402		
MDLT	19990827	11	87.25	59.04745	87.25	59.04745
MDLT	19990828	1	45.625	36.78975		
MDLT	19990828	2	45.625	40.39596		
MDLT	19990828	3	46	45.07503		
MDLT	19990828	0	46.5	35.13232		
MDLT	19990828	4	47.25	50.21348		
MDLT	19990828	5	49.75	55.19687		
MDLT	19990828	6	53.625	59.93572		
MDLT	19990828	7	58.25	64.73139		
MDLT	19990828	8	63	69.40804		
MDLT	19990828	9	66.25	72.33437		
MDLT	19990828	17	66.75	46.1627		
MDLT	19990828	16	68.375	51.37232		
MDLT	19990828	10	68.75	72.9013		
MDLT	19990828	14	70	61.10481		
MDLT	19990828	15	70.25	56.44096		
MDLT	19990828	11	71	71.0771		
MDLT	19990828	13	72.125	65.04334		
MDLT	19990828	12	72.25	68.30763	72.25	68.30763
MDLT	19990828	18				
MDLT	19990828	19				
MDLT	19990828	20				
MDLT	19990828	21				
MDLT	19990828	22				
MDLT	19990828	23				
MDLT	19990829	3	68.375	36.34702		
MDLT	19990829	4	69.125	44.92238		
MDLT	19990829	5	70.125	53.50523		
MDLT	19990829	20	71.375	40.9333		
MDLT	19990829	19	71.625	42.02915		
MDLT	19990829	6	72.25	61.6497		
MDLT	19990829	21	73	40.33173		
MDLT	19990829	23	73.25	39.92165		
MDLT	19990829	18	73.625	43.97222		
MDLT	19990829	22	74	40.07472		
MDLT	19990829	7	74.875	69.13563		
MDLT	19990829	17	76.375	47.3335		
MDLT	19990829	8	78.25	75.28108		
MDLT	19990829	16	78.5	51.83291		
MDLT	19990829	15	80.5	56.24288		
MDLT	19990829	9	81.25	79.42473		
MDLT	19990829	14	81.5	61.08544		
MDLT	19990829	13	82.875	66.052		
MDLT	19990829	10	83.875	78.98685		

MDLT	19990829	12	84.75	71.05399		
MDLT	19990829	11	85.125	75.92871	85.125	75.92871
MDLT	19990829	0				
MDLT	19990829	1				
MDLT	19990829	2				
MDLT	19990830	23	53.625	41.69321		
MDLT	19990830	22	55.75	40.89986		
MDLT	19990830	21	57.125	40.52191		
MDLT	19990830	20	58.25	40.76309		
MDLT	19990830	19	60.875	42.00277		
MDLT	19990830	18	65.5	44.82907		
MDLT	19990830	17	70.125	49.11643		
MDLT	19990830	1	72.125	41.67515		
MDLT	19990830	0	72.375	39.92242		
MDLT	19990830	2	73.125	45.48492		
MDLT	19990830	16	74	54.13303		
MDLT	19990830	3	75	50.14458		
MDLT	19990830	4	77.125	54.6142		
MDLT	19990830	15	77.625	59.6186		
MDLT	19990830	5	79.125	59.26394		
MDLT	19990830	6	81.375	64.40731		
MDLT	19990830	14	82.875	64.94515		
MDLT	19990830	7	85.5	69.89603		
MDLT	19990830	13	88.125	69.60398		
MDLT	19990830	8	89.125	75.21278		
MDLT	19990830	12	92.125	73.4906		
MDLT	19990830	9	92.75	78.3381		
MDLT	19990830	11	94.375	76.6306		
MDLT	19990830	10	94.625	78.65062	94.625	78.65062
MDLT	19990831	1	50.5	44.32246		
MDLT	19990831	0	51	42.58386		
MDLT	19990831	2	53.25	48.59842		
MDLT	19990831	3	58.625	54.08353		
MDLT	19990831	17	62.25	61.75536		
MDLT	19990831	4	63.75	58.95202		
MDLT	19990831	16	65.75	64.16426		
MDLT	19990831	5	68.75	63.19921		
MDLT	19990831	15	70.125	67.17501		
MDLT	19990831	14	75	70.32491		
MDLT	19990831	6	75.25	67.31412		
MDLT	19990831	13	80.375	73.34614		
MDLT	19990831	7	81.375	71.69321		
MDLT	19990831	12	85.375	76.15562		
MDLT	19990831	8	87.25	76.37374		
MDLT	19990831	11	89.625	78.74866		
MDLT	19990831	9	90.75	80.14623		
MDLT	19990831	10	91.625	80.77985	91.625	80.77985
MDLT	19990831	18				
MDLT	19990831	19				
MDLT	19990831	20				
MDLT	19990831	21				

MDLT	19990831	22			
MDLT	19990831	23			
MDLT	19990901	16	60.375	53.66901	
MDLT	19990901	15	63.25	56.80383	
MDLT	19990901	3	66.125	71.26088	
MDLT	19990901	14	67.5	60.52651	
MDLT	19990901	4	68.625	73.77541	
MDLT	19990901	5	71.5	76.2546	
MDLT	19990901	13	71.5	64.90596	
MDLT	19990901	12	74.5	69.56893	
MDLT	19990901	6	74.875	78.36739	
MDLT	19990901	11	77.375	73.93016	
MDLT	19990901	7	78.5	79.80053	
MDLT	19990901	10	79.5	77.31855	
MDLT	19990901	8	80.75	80.31242	
MDLT	19990901	9	80.875	79.51882	80.875 79.51882
MDLT	19990901	0			
MDLT	19990901	1			
MDLT	19990901	2			
MDLT	19990901	17			
MDLT	19990901	18			
MDLT	19990901	19			
MDLT	19990901	20			
MDLT	19990901	21			
MDLT	19990901	22			
MDLT	19990901	23			

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3	
REDB	19990813	2	11.25	27.29096	
REDB	19990813	3	12	29.75065	
REDB	19990813	1	12.25	26.22772	
REDB	19990813	0	13.875	26.84896	
REDB	19990813	4	14.5	33.50074	
REDB	19990813	5	18.375	38.35757	
REDB	19990813	18	20.875	3.739485	
REDB	19990813	17	21	10.80755	
REDB	19990813	19	21	0.409277	
REDB	19990813	6	23	44.52268	
REDB	19990813	20	23.125	0.072083	
REDB	19990813	16	23.375	19.13443	
REDB	19990813	23	25.375	2.442013	
REDB	19990813	15	26	28.40822	
REDB	19990813	21	26.5	0.548279	
REDB	19990813	14	27.375	37.92408	
REDB	19990813	22	27.625	1.173499	
REDB	19990813	7	28.625	51.4466	
REDB	19990813	13	30.875	47.02699	
REDB	19990813	8	34.125	57.98387	
REDB	19990813	12	35.75	55.34784	
REDB	19990813	9	38.375	62.75557	
REDB	19990813	11	39.5	62.30366	
REDB	19990813	10	40	65.09026	40 65.09026
REDB	19990814	0	25.5	4.939993	
REDB	19990814	23	25.625	28.43155	
REDB	19990814	22	26.5	26.17843	
REDB	19990814	1	27.625	10.51644	
REDB	19990814	21	29	23.50243	
REDB	19990814	20	30	21.26421	
REDB	19990814	2	30.375	18.76883	
REDB	19990814	19	33.25	20.6066	
REDB	19990814	3	35.25	28.97732	
REDB	19990814	18	38.5	23.33946	
REDB	19990814	4	41.875	40.04009	
REDB	19990814	17	45.25	28.68786	
REDB	19990814	5	50.375	51.08539	
REDB	19990814	16	52.625	36.04114	
REDB	19990814	6	60	62.05	
REDB	19990814	15	60.375	45.02405	
REDB	19990814	14	68.25	55.04044	
REDB	19990814	7	69.25	72.12829	
REDB	19990814	13	75.75	64.84113	
REDB	19990814	8	77.125	80.19563	
REDB	19990814	9	83.625	84.3168	
REDB	19990814	12	83.875	73.81085	

REDB	19990814	10	87.75	84.67615	
REDB	19990814	11	88	81.10004	88 81.10004
REDB	19990815	23	20	36.56339	
REDB	19990815	22	22.5	41.49826	
REDB	19990815	21	24.625	45.51459	
REDB	19990815	0	25.75	30.99659	
REDB	19990815	20	26.5	48.21306	
REDB	19990815	1	26.625	35.24812	
REDB	19990815	2	28.75	40.26622	
REDB	19990815	19	29.5	49.86435	
REDB	19990815	3	31.875	45.88594	
REDB	19990815	18	35.125	52.25855	
REDB	19990815	4	36.125	52.00107	
REDB	19990815	5	40.5	58.7936	
REDB	19990815	17	41	56.0144	
REDB	19990815	6	46.5	66.27883	
REDB	19990815	16	46.875	60.74627	
REDB	19990815	15	53	65.4745	
REDB	19990815	7	53.375	74.42967	
REDB	19990815	8	59.375	81.31407	
REDB	19990815	14	59.875	70.89641	
REDB	19990815	9	64.5	84.90936	
REDB	19990815	13	65.875	75.6964	
REDB	19990815	10	68.75	85.77337	
REDB	19990815	12	69.625	79.94888	
REDB	19990815	11	71	83.95475	71 83.95475
REDB	19990816	0	19.25	31.60641	
REDB	19990816	1	20.375	30.25268	
REDB	19990816	2	23.25	31.63206	
REDB	19990816	23	25.125	30.41487	
REDB	19990816	3	28.375	35.13456	
REDB	19990816	22	29.75	34.91754	
REDB	19990816	20	32.375	40.05447	
REDB	19990816	21	32.75	38.36567	
REDB	19990816	4	34.75	40.26457	
REDB	19990816	19	34.875	40.7851	
REDB	19990816	18	38.625	42.3698	
REDB	19990816	5	42.5	46.72081	
REDB	19990816	17	43.5	45.89211	
REDB	19990816	16	48.375	50.0071	
REDB	19990816	6	52.125	55.25377	
REDB	19990816	15	52.875	54.86382	
REDB	19990816	14	57.125	61.21029	
REDB	19990816	7	61.125	65.47414	
REDB	19990816	13	62.25	67.97554	
REDB	19990816	8	67.25	75.06392	
REDB	19990816	12	69	74.36058	
REDB	19990816	9	71.625	80.9399	
REDB	19990816	11	72.75	79.97332	
REDB	19990816	10	73.625	82.79076	73.625 82.79076
REDB	19990817	0	25.5	25.37785	

REDB	19990817	1	30	22.54994		
REDB	19990817	23	32.5	20.87554		
REDB	19990817	2	36.625	23.06317		
REDB	19990817	22	37.25	22.79081		
REDB	19990817	21	39.375	24.35506		
REDB	19990817	20	40.5	24.47307		
REDB	19990817	19	41.375	24.47787		
REDB	19990817	3	43.875	26.52126		
REDB	19990817	18	45.25	25.72114		
REDB	19990817	17	49.875	29.79315		
REDB	19990817	4	51.25	31.75323		
REDB	19990817	16	53	35.5989		
REDB	19990817	15	57.875	42.40558		
REDB	19990817	5	58.125	38.06425		
REDB	19990817	14	63.875	49.68964		
REDB	19990817	6	66.625	46.28446		
REDB	19990817	13	69.75	56.87795		
REDB	19990817	12	74.25	63.39809		
REDB	19990817	7	77.125	55.2393		
REDB	19990817	11	78	69.08495		
REDB	19990817	10	80.25	72.1071		
REDB	19990817	9	81.75	69.9869		
REDB	19990817	8	82.125	63.84668	82.125	63.84668
REDB	19990818	23	21.625	19.66835		
REDB	19990818	20	21.875	19.62109		
REDB	19990818	21	22.875	21.08227		
REDB	19990818	19	23.25	19.33237		
REDB	19990818	22	24.25	20.89967		
REDB	19990818	1	25.875	17.89067		
REDB	19990818	2	27.75	19.95755		
REDB	19990818	0	28.25	18.81882		
REDB	19990818	18	28.875	21.84085		
REDB	19990818	3	31	25.67857		
REDB	19990818	4	33.5	32.88608		
REDB	19990818	17	34.375	26.8877		
REDB	19990818	5	37.5	40.38392		
REDB	19990818	16	38.5	33.59049		
REDB	19990818	15	43.125	41.35894		
REDB	19990818	6	44	49.58246		
REDB	19990818	14	48	49.71842		
REDB	19990818	7	52.625	59.26578		
REDB	19990818	13	56.5	58.32724		
REDB	19990818	8	60.5	68.44202		
REDB	19990818	12	63.125	66.89494		
REDB	19990818	9	65.5	75.2861		
REDB	19990818	11	66.5	74.231		
REDB	19990818	10	67.25	77.65927	67.25	77.65927
REDB	19990819	1	17	18.02568		
REDB	19990819	2	18.5	19.16722		
REDB	19990819	0	19.25	18.41053		
REDB	19990819	3	23.125	23.10861		

REDB	19990819	4	29.625	29.21834		
REDB	19990819	5	38.125	37.15147		
REDB	19990819	19	38.625	31.97494		
REDB	19990819	20	38.625	33.12132		
REDB	19990819	21	39.125	35.99669		
REDB	19990819	23	39.125	41.3107		
REDB	19990819	18	39.375	32.04889		
REDB	19990819	22	39.875	39.5404		
REDB	19990819	17	42.375	34.72582		
REDB	19990819	16	48.875	40.6099		
REDB	19990819	6	49	48.33625		
REDB	19990819	15	55.625	50.91544		
REDB	19990819	7	61.375	60.81602		
REDB	19990819	14	66.125	62.66341		
REDB	19990819	8	72.875	72.22322		
REDB	19990819	13	75.875	73.66355		
REDB	19990819	12	82.75	81.28581		
REDB	19990819	9	83.25	80.66903		
REDB	19990819	11	87.625	85.21207		
REDB	19990819	10	87.875	85.56017	87.875	85.56017
REDB	19990820	20	5.875	8.752019		
REDB	19990820	21	6.75	10.59423		
REDB	19990820	19	7.75	8.973948		
REDB	19990820	22	7.875	13.94249		
REDB	19990820	23	9.125	18.09705		
REDB	19990820	18	14.125	11.73214		
REDB	19990820	17	22.75	17.64114		
REDB	19990820	16	32	25.43943		
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REDB	19990820	2	35.625	39.86817		
REDB	19990820	0	36.375	42.02105		
REDB	19990820	3	38	40.01376		
REDB	19990820	4	42.375	41.95081		
REDB	19990820	15	43.125	34.79812		
REDB	19990820	5	47.75	45.46909		
REDB	19990820	14	54.75	44.79741		
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REDB	19990820	7	65.125	57.77581		
REDB	19990820	13	66.25	54.3438		
REDB	19990820	8	72.625	64.39739		
REDB	19990820	12	75.75	62.59808		
REDB	19990820	9	78.125	69.1503		
REDB	19990820	11	81.375	68.56214		
REDB	19990820	10	81.5	70.98843	81.5	70.98843
REDB	19990821	0	12.125	22.78867		
REDB	19990821	1	16.875	28.59148		
REDB	19990821	2	23.375	35.84034		
REDB	19990821	3	32	43.91082		
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REDB	19990821	4	41.125	52.34703		
REDB	19990821	22	42.875	30.86663		

REDB	19990821	21	45.375	32.17858		
REDB	19990821	20	46.875	33.82314		
REDB	19990821	19	49.125	36.13822		
REDB	19990821	5	50.375	60.18402		
REDB	19990821	18	53.625	39.37416		
REDB	19990821	17	58.625	43.72523		
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REDB	19990821	16	63.125	49.21381		
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REDB	19990821	7	68.875	72.76462		
REDB	19990821	14	69.875	61.8192		
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REDB	19990821	12	80.25	73.88795		
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REDB	19990821	11	84.375	78.53105	84.375	78.53105
REDB	19990822	23	20.75	23.05279		
REDB	19990822	22	25.125	26.16279		
REDB	19990822	21	28.25	28.44699		
REDB	19990822	20	29.75	30.21022		
REDB	19990822	1	30.875	34.3547		
REDB	19990822	2	31	38.99049		
REDB	19990822	19	32.625	32.48218		
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REDB	19990822	0	33.75	31.38092		
REDB	19990822	4	36.625	51.71107		
REDB	19990822	18	37.75	35.79757		
REDB	19990822	5	41.125	58.77523		
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REDB	19990822	6	47.25	66.10775		
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REDB	19990822	14	57.875	54.68221		
REDB	19990822	8	60.875	76.57369		
REDB	19990822	13	63.625	61.09627		
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REDB	19990822	12	68.75	67.17603		
REDB	19990822	10	70	76.27262		
REDB	19990822	11	71.125	72.57764	71.125	72.57764
REDB	19990823	23	8.75	19.14183		
REDB	19990823	3	11.75	26.25233		
REDB	19990823	4	12.125	31.10277		
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REDB	19990823	21	16.625	21.56893		
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REDB	19990823	20	19.125	21.76376		
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REDB	19990823	7	23.125	50.18172		
REDB	19990823	17	26.375	27.02058		
REDB	19990823	8	27.625	56.86862		
REDB	19990823	16	29.875	31.63838		
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REDB	19990823	15	32.125	36.88858		
REDB	19990823	13	33.625	48.37987		
REDB	19990823	14	33.625	42.49594		
REDB	19990823	10	33.75	61.39883		
REDB	19990823	12	33.75	53.83386		
REDB	19990823	11	35.375	58.50714	35.375	58.50714
REDB	19990824	0	6.125	17.82815		
REDB	19990824	1	7.5	18.20169		
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REDB	19990824	23	15.125	0.342548		
REDB	19990824	22	18.625	0.000001		
REDB	19990824	4	19.125	28.28656		
REDB	19990824	21	23	0.000001		
REDB	19990824	5	23.75	34.32528		
REDB	19990824	20	26.75	0.440283		
REDB	19990824	19	29.625	2.381768		
REDB	19990824	6	31.5	42.07827		
REDB	19990824	18	35.375	5.862217		
REDB	19990824	7	41.375	50.51655		
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REDB	19990824	8	52.125	58.26606		
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REDB	19990824	14	66.875	37.7103		
REDB	19990824	10	69.25	63.92625		
REDB	19990824	13	70.375	47.16056		
REDB	19990824	12	72.375	55.41346		
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REDB	19990825	1	12.125	2.823187		
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REDB	19990825	3	18	11.03462		
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REDB	19990825	19	29.5	18.45196		
REDB	19990825	20	29.5	18.39016		
REDB	19990825	21	30.125	18.14805		
REDB	19990825	22	30.625	16.70182		
REDB	19990825	18	31.625	19.97484		
REDB	19990825	5	34.25	28.2082		
REDB	19990825	17	36.625	24.08571		

REDB	19990825	16	42.75	30.31523		
REDB	19990825	6	44.125	39.08107		
REDB	19990825	15	48.625	37.72512		
REDB	19990825	7	54.5	49.31748		
REDB	19990825	14	55.875	46.00362		
REDB	19990825	8	64.75	58.18896		
REDB	19990825	13	65.125	54.32283		
REDB	19990825	9	73.75	64.76574		
REDB	19990825	12	73.75	61.79406		
REDB	19990825	10	78.875	67.77161		
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REDB	19990826	23	25.25	18.62989		
REDB	19990826	22	29.625	18.99963		
REDB	19990826	21	31.5	18.53414		
REDB	19990826	20	32	17.93569		
REDB	19990826	19	33.125	18.03283		
REDB	19990826	18	36.625	20.77633		
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REDB	19990826	16	45.125	34.4921		
REDB	19990826	15	48.5	42.17046		
REDB	19990826	14	53.25	50.08044		
REDB	19990826	8	55.125	69.83208		
REDB	19990826	13	57.5	59.1172		
REDB	19990826	9	60	77.79565		
REDB	19990826	12	61.25	69.06451		
REDB	19990826	10	64.25	82.75753		
REDB	19990826	11	64.25	78.42756	64.25	78.42756
REDB	19990826	0				
REDB	19990826	1				
REDB	19990826	2				
REDB	19990826	3				
REDB	19990826	4				
REDB	19990826	5				
REDB	19990826	6				
REDB	19990826	7				
REDB	19990827	1	16.375	18.80389		
REDB	19990827	0	20.125	18.48107		
REDB	19990827	2	20.25	22.19099		
REDB	19990827	3	24.625	26.83607		
REDB	19990827	23	26.75	28.43544		
REDB	19990827	22	28.75	27.945		
REDB	19990827	4	29.5	31.69845		
REDB	19990827	21	32.25	26.74709		
REDB	19990827	5	35.5	36.98059		
REDB	19990827	20	36.375	25.7229		
REDB	19990827	19	38.375	25.97463		
REDB	19990827	18	41.5	29.036		
REDB	19990827	6	42.875	44.24465		
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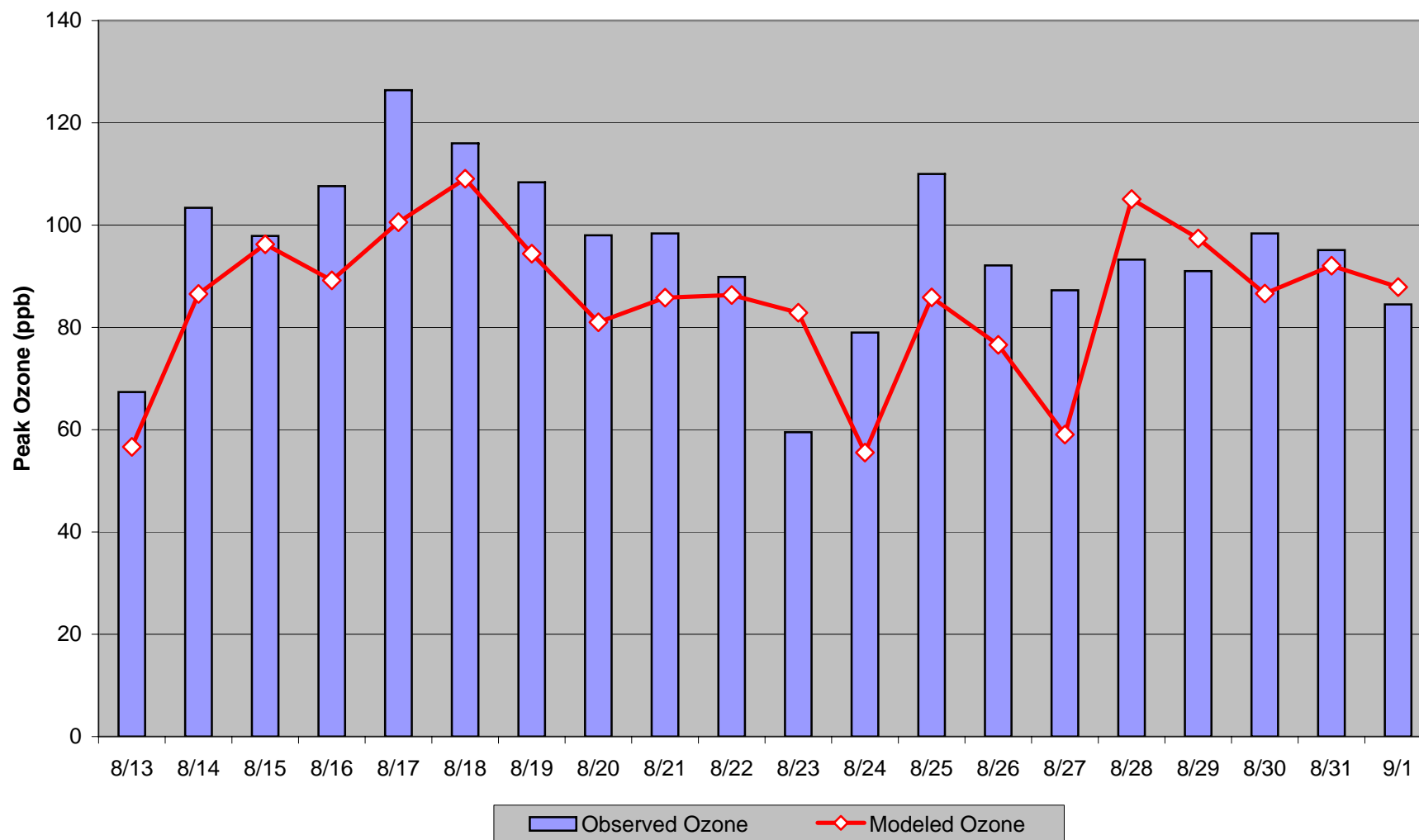
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REDB	19990827	9	71.375	66.20446	
REDB	19990827	11	72.75	68.49012	
REDB	19990827	10	74	69.03169	74 69.03169
REDB	19990828	1	25.125	30.97044	
REDB	19990828	0	25.5	28.72037	
REDB	19990828	2	27	35.75177	
REDB	19990828	3	31.125	42.29328	
REDB	19990828	4	35.25	48.96137	
REDB	19990828	5	40.875	55.65385	
REDB	19990828	23	45	22.60258	
REDB	19990828	6	47.25	62.935	
REDB	19990828	22	49.375	22.27367	
REDB	19990828	20	50.375	22.24803	
REDB	19990828	19	50.625	23.07306	
REDB	19990828	21	51.625	22.0146	
REDB	19990828	18	52.125	23.66595	
REDB	19990828	7	52.625	71.33186	
REDB	19990828	17	53.5	25.38974	
REDB	19990828	16	54.5	30.83265	
REDB	19990828	15	57	39.01084	
REDB	19990828	8	57.625	78.94292	
REDB	19990828	14	58.625	48.61055	
REDB	19990828	13	60.875	57.91223	
REDB	19990828	9	62.25	82.23605	
REDB	19990828	12	64.5	66.08005	
REDB	19990828	10	65.625	79.32089	
REDB	19990828	11	66.25	73.06931	66.25 73.06931
REDB	19990829	23	24.5	36.26631	
REDB	19990829	22	29.625	39.85996	
REDB	19990829	21	35.75	40.85594	
REDB	19990829	20	35.875	39.73488	
REDB	19990829	19	37.375	38.54689	
REDB	19990829	2	40.375	33.63153	
REDB	19990829	18	40.5	38.99014	
REDB	19990829	1	40.75	27.17753	
REDB	19990829	3	42.5	41.98404	
REDB	19990829	0	43.625	23.75284	
REDB	19990829	17	45.5	41.75555	
REDB	19990829	4	46	51.24603	
REDB	19990829	5	50.25	60.30501	
REDB	19990829	16	51.25	46.34203	
REDB	19990829	6	56.5	68.55186	
REDB	19990829	15	57	52.12315	
REDB	19990829	14	61.625	58.00802	
REDB	19990829	7	64.125	76.25627	
REDB	19990829	13	65.5	64.90664	

REDB	19990829	8	70.5	83.20752		
REDB	19990829	12	72.5	72.87031		
REDB	19990829	9	75.625	86.7772		
REDB	19990829	11	77.125	80.54695		
REDB	19990829	10	77.875	85.63713	77.875	85.63713
REDB	19990830	23	13.75	30.30578		
REDB	19990830	22	16.75	29.74274		
REDB	19990830	21	20.125	26.91936		
REDB	19990830	1	20.25	30.7267		
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REDB	19990830	20	23.625	22.85852		
REDB	19990830	3	26.25	34.81493		
REDB	19990830	19	28.375	19.18511		
REDB	19990830	4	33.75	41.08106		
REDB	19990830	18	34.625	18.47136		
REDB	19990830	5	42.5	47.79802		
REDB	19990830	17	42.875	21.97113		
REDB	19990830	16	48.875	27.68573		
REDB	19990830	6	53.625	55.80431		
REDB	19990830	15	57.875	35.53602		
REDB	19990830	7	64.875	65.32503		
REDB	19990830	14	65.625	44.89957		
REDB	19990830	13	73	54.85248		
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REDB	19990830	12	80.5	65.19191		
REDB	19990830	9	81	78.80878		
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REDB	19990830	10	84.5	80.51408	84.5	80.51408
REDB	19990831	0	13.375	30.16048		
REDB	19990831	1	13.875	29.83984		
REDB	19990831	2	20.125	32.25		
REDB	19990831	3	27	37.14881		
REDB	19990831	23	30.125	48.97422		
REDB	19990831	22	30.375	46.645		
REDB	19990831	19	31.625	33.92651		
REDB	19990831	21	32.125	42.53018		
REDB	19990831	20	32.25	37.92706		
REDB	19990831	18	32.75	32.31495		
REDB	19990831	4	35.375	42.57759		
REDB	19990831	17	35.5	33.66607		
REDB	19990831	16	39.5	37.37108		
REDB	19990831	15	45	43.24099		
REDB	19990831	5	45.5	47.98685		
REDB	19990831	14	54.25	50.54932		
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REDB	19990831	13	61.625	58.57495		
REDB	19990831	7	64.5	63.22403		
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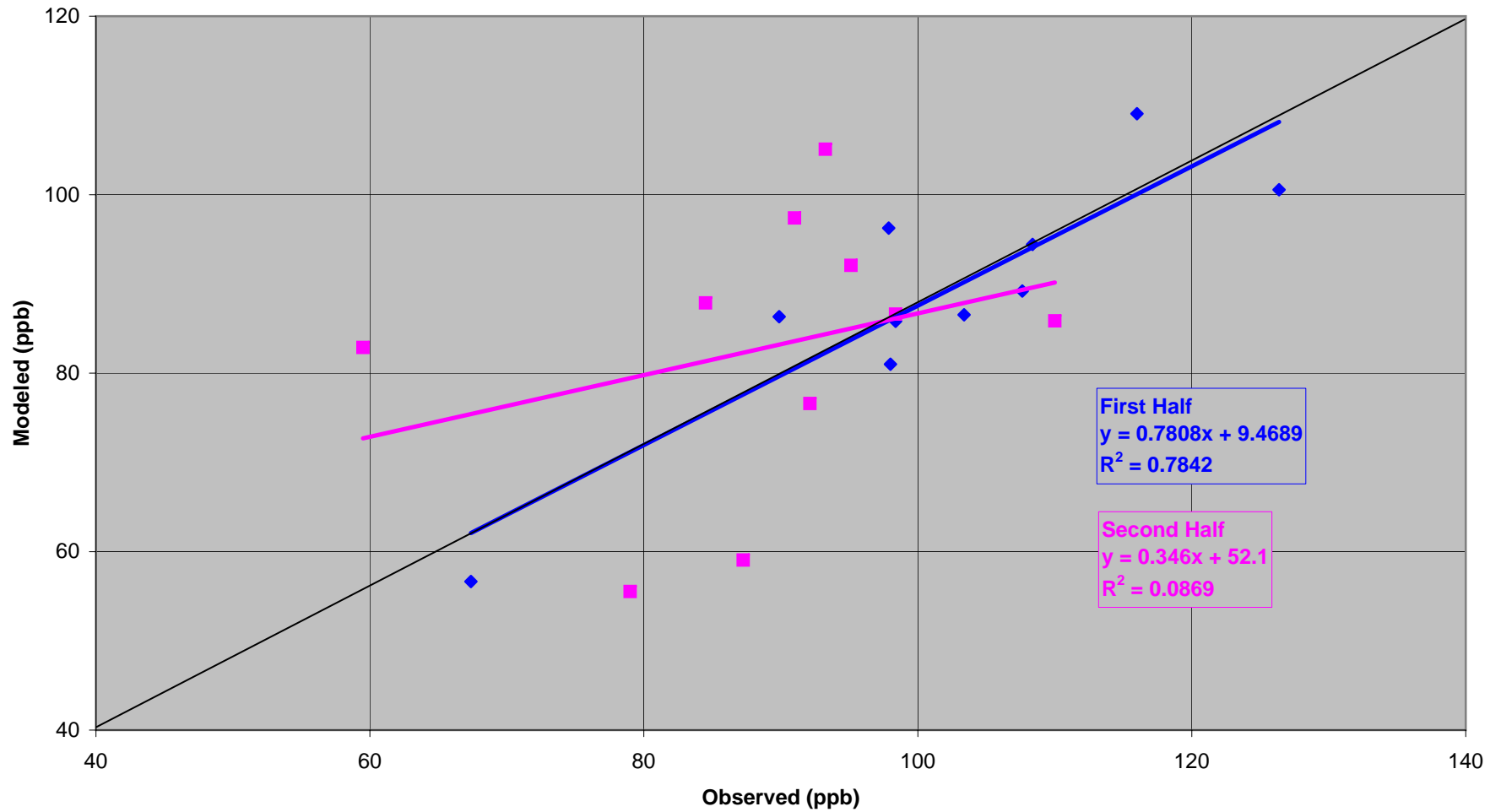
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REDB	19990901	0	28.875	50.1695	
REDB	19990901	1	29.25	51.9587	
REDB	19990901	2	31.125	54.5799	
REDB	19990901	3	34.625	58.59744	
REDB	19990901	4	38.625	62.94267	
REDB	19990901	5	44.375	66.64144	
REDB	19990901	16	45.75	41.26863	
REDB	19990901	15	48.875	45.4113	
REDB	19990901	14	51.625	50.12298	
REDB	19990901	6	51.75	70.03304	
REDB	19990901	13	53.875	55.72937	
REDB	19990901	12	58	62.31107	
REDB	19990901	7	59.125	73.84367	
REDB	19990901	11	62	69.27705	
REDB	19990901	8	64	77.00829	
REDB	19990901	10	64.75	74.66789	
REDB	19990901	9	65.625	77.27974	65.625 77.27974
REDB	19990901	17			
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REDB	19990901	19			
REDB	19990901	20			
REDB	19990901	21			
REDB	19990901	22			
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Oklahoma 12k Modeling Evaluation in DFW Area

DFW Daily Domain Max 8-Hour Ozone



DFW Modeling - 8-Hour Daily Peak Correlation



Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3
ARLI	19990813	10	39.5	64.264
ARLI	19990814	11	103.375	86.53457
ARLI	19990815	11	85	89.74259
ARLI	19990816	10	90	87.0089
ARLI	19990817	9	92.375	76.28445
ARLI	19990818	10	74.125	79.889
ARLI	19990819	10	96.375	86.49094
ARLI	19990820	10	78.5	70.88514
ARLI	19990821	11	98.375	85.80943
ARLI	19990822	10	80.75	75.73187
ARLI	19990823	11	41.375	60.88629
ARLI	19990824	12	79	55.52991
ARLI	19990825	11	96.625	78.3291
ARLI	19990826	10	69.75	57.72894
ARLI	19990827	11	83.875	65.04063
ARLI	19990828	11	77	73.78919
ARLI	19990829	10	91	97.38804
ARLI	19990830	10	98.375	86.61478
ARLI	19990831	10	89.375	85.18916
ARLI	19990901	9	78.25	83.77982
COLN	19990813	14	61.75	59.33505
COLN	19990814	11	77.375	65.52199
COLN	19990815	11	81.625	78.28423
COLN	19990816	11	89.75	83.0276
COLN	19990817	11	122.625	85.83937
COLN	19990818	12	113.125	110.8425
COLN	19990819	10	75.5	79.40358
COLN	19990820	11	69.125	70.04547
COLN	19990821	10	79.5	81.31294
COLN	19990822	11	89.875	86.33185
COLN	19990823	12	47.75	67.37184
COLN	19990824	12	64.25	61.55167
COLN	19990825	11	94.25	74.28928
COLN	19990826	11	86	107.3864
COLN	19990827	8	63.125	94.04439
COLN	19990828	11	86.25	97.94006
COLN	19990829	10	83.125	112.9372
COLN	19990830	10	83.5	84.05895
COLN	19990831	10	82.5	75.33843
COLN	19990901	10	79	85.37249
DALN	19990813	11	58.125	62.10764
DALN	19990814	10	80.75	68.89175
DALN	19990815	10	86.5	83.94353
DALN	19990816	10	89.25	78.80551
DALN	19990817	10	111.25	71.11803
DALN	19990818	11	99	85.25765

DALN	19990819	10	73	76.06587
DALN	19990820	10	70.125	66.9919
DALN	19990821	11	85.5	75.78788
DALN	19990822	11	84	72.73109
DALN	19990823	11	44.5	60.19395
DALN	19990824	11	67.75	50.16054
DALN	19990825	10	91.625	66.76129
DALN	19990826	10	92.125	76.59264
DALN	19990827	10	70.75	78.28462
DALN	19990828	11	87.25	73.35984
DALN	19990829	9	85.5	93.04772
DALN	19990830	10	85.875	75.13795
DALN	19990831	9	78.75	72.06112
DALN	19990901	9	79.125	74.00425
DENT	19990813	11	57.375	62.73818
DENT	19990814	11	82.125	67.51676
DENT	19990815	10	93	85.45614
DENT	19990816	11	100	91.37937
DENT	19990817	12	126.375	100.5576
DENT	19990818	12	101.25	110.5889
DENT	19990819	11	74.25	73.96858
DENT	19990820	10	71.375	67.76509
DENT	19990821	11	83.5	87.07594
DENT	19990822	11	89.5	89.49876
DENT	19990823	11	59.5	82.87225
DENT	19990824	12	59.125	67.88686
DENT	19990825	11	110	85.86186
DENT	19990826	11	78	78.66483
DENT	19990827	8	56.875	102.34
DENT	19990828	11	93.25	105.0925
DENT	19990829	10	83.25	118.5228
DENT	19990830	10	83.625	89.48573
DENT	19990831	10	85.25	83.609
DENT	19990901	10	82.875	101.1464
DHIC	19990813	10	47	68.2567
DHIC	19990814	10	94.125	82.1268
DHIC	19990815	10	86.5	90.40384
DHIC	19990816	11	87.25	84.11051
DHIC	19990817	10	96.75	74.99925
DHIC	19990818	11	83.125	85.22616
DHIC	19990819	22	46.625	49.56595
DHIC	19990820	10	78.25	71.57689
DHIC	19990821	10	88.25	84.17
DHIC	19990822	11	78.75	73.92381
DHIC	19990823	11	36.75	61.60756
DHIC	19990824	11	71.75	63.49523
DHIC	19990825	10	85.75	67.64092
DHIC	19990826	10	78.125	90.56294
DHIC	19990827	10	75.125	78.28531
DHIC	19990828	11	79.875	81.5052
DHIC	19990829	10	87	87.83327

DHIC	19990830	10	88.625	82.27935
DHIC	19990831	10	81.125	79.36865
DHIC	19990901	13	57.875	57.65144
FRIC	19990813	14	67.375	56.65374
FRIC	19990814	11	78.25	63.11854
FRIC	19990815	10	76.75	77.56944
FRIC	19990816	10	83.625	78.88777
FRIC	19990817	11	126.25	77.19512
FRIC	19990818	11	116	109.0774
FRIC	19990819	12	76.625	73.0863
FRIC	19990820	11	66.25	68.7262
FRIC	19990821	10	78.625	74.80644
FRIC	19990822	11	88.375	82.31414
FRIC	19990823	11	49.125	69.28069
FRIC	19990824	13	64	51.95333
FRIC	19990825	10	85.375	70.98174
FRIC	19990826	11	84.375	98.08592
FRIC	19990827	9	57.75	96.97167
FRIC	19990828	11	82	98.80711
FRIC	19990829	9	81.375	99.98877
FRIC	19990830	10	80.375	77.33206
FRIC	19990831	10	79.5	69.9006
FRIC	19990901	10	74.625	79.48297
FWMC	19990813	10	46	60.81583
FWMC	19990814	11	92.375	88.75125
FWMC	19990815	11	87.5	96.38709
FWMC	19990816	11	100.375	85.20037
FWMC	19990817	9	97.25	78.77377
FWMC	19990818	10	77.375	89.08337
FWMC	19990819	10	77	86.94327
FWMC	19990820	11	83.25	70.87804
FWMC	19990821	10	95.375	90.0519
FWMC	19990822	10	72.375	80.0444
FWMC	19990823	11	37.375	64.62759
FWMC	19990824	11	58.375	61.64708
FWMC	19990825	10	97.125	77.82914
FWMC	19990826	10	65.625	48.20023
FWMC	19990827	10	76	72.95168
FWMC	19990828	11	78.625	72.9673
FWMC	19990829	10	88	82.09506
FWMC	19990830	11	93.5	95.25716
FWMC	19990831	10	90	91.012
FWMC	19990901	11	72.125	80.30054
KELC	19990813	11	55.875	64.44881
KELC	19990814	11	86.125	83.07374
KELC	19990815	11	97.875	96.25571
KELC	19990816	11	107.625	89.19991
KELC	19990817	10	100.75	85.28951
KELC	19990818	11	90	96.51441
KELC	19990819	11	69	85.07797
KELC	19990820	11	75.875	71.81091

KELC	19990821	11	94.5	89.32591
KELC	19990822	11	81.25	79.64269
KELC	19990823	12	45.375	58.22852
KELC	19990824	11	53.25	65.91311
KELC	19990825	12	104.5	75.83922
KELC	19990826	11	70.25	55.10364
KELC	19990827	10	73	82.28358
KELC	19990828	11	89.5	90.26484
KELC	19990829	10	87	101.8977
KELC	19990830	10	91.625	97.33996
KELC	19990831	10	95.125	92.07361
KELC	19990901	10	84.5	87.87145
MDLT	19990813	12	52.375	54.25594
MDLT	19990814	12	96.25	80.34084
MDLT	19990815	12	82.375	74.67027
MDLT	19990816	11	85.375	77.19165
MDLT	19990817	9	86.375	70.62753
MDLT	19990818	11	70.25	71.06062
MDLT	19990819	11	108.375	94.41829
MDLT	19990820	11	98	81.00301
MDLT	19990821	11	95.5	77.50444
MDLT	19990822	11	80.75	70.18124
MDLT	19990823	13	49.25	56.23325
MDLT	19990824	14	64.125	51.32449
MDLT	19990825	12	77.5	81.92055
MDLT	19990826	12	72.75	56.86783
MDLT	19990827	11	87.25	59.04745
MDLT	19990828	12	72.25	68.30763
MDLT	19990829	11	85.125	75.92871
MDLT	19990830	10	94.625	78.65062
MDLT	19990831	10	91.625	80.77985
MDLT	19990901	9	80.875	79.51882
REDB	19990813	10	40	65.09026
REDB	19990814	11	88	81.10004
REDB	19990815	11	71	83.95475
REDB	19990816	10	73.625	82.79076
REDB	19990817	8	82.125	63.84668
REDB	19990818	10	67.25	77.65927
REDB	19990819	10	87.875	85.56017
REDB	19990820	10	81.5	70.98843
REDB	19990821	11	84.375	78.53105
REDB	19990822	11	71.125	72.57764
REDB	19990823	11	35.375	58.50714
REDB	19990824	11	73.125	61.06608
REDB	19990825	11	79.125	66.6547
REDB	19990826	11	64.25	78.42756
REDB	19990827	10	74	69.03169
REDB	19990828	11	66.25	73.06931
REDB	19990829	10	77.875	85.63713
REDB	19990830	10	84.5	80.51408
REDB	19990831	10	77	79.47991

REDB	19990901	9	65.625	77.27974
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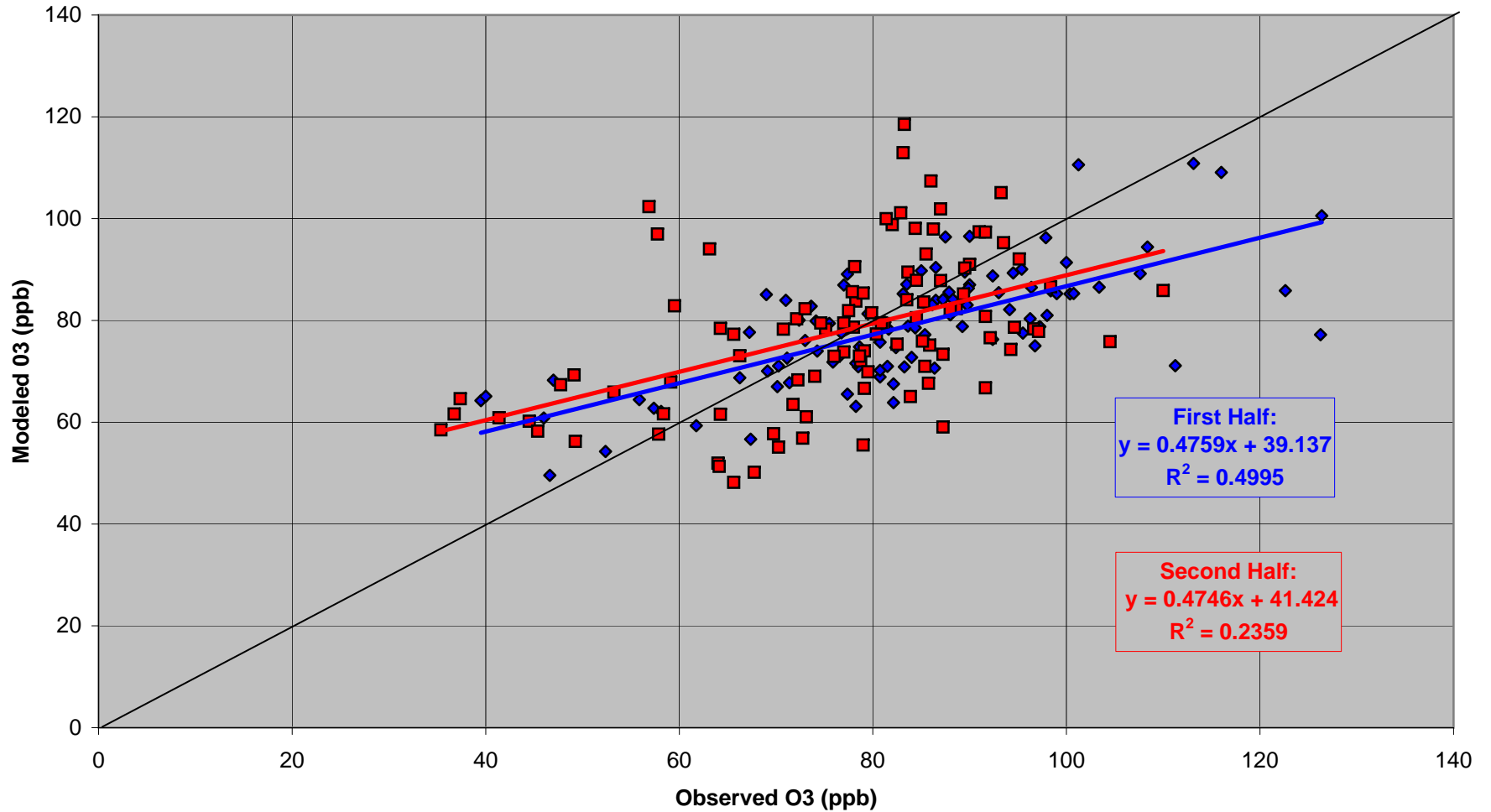
Daily Peaks

SITE	DATE	Date	Obs O3	Mod O3
FRIC	19990813	13-Aug	67.375	56.65374
ARLI	19990814	14-Aug	103.375	86.53457
KELC	19990815	15-Aug	97.875	96.25571
KELC	19990816	16-Aug	107.625	89.19991
DENT	19990817	17-Aug	126.375	100.5576
FRIC	19990818	18-Aug	116	109.0774
MDLT	19990819	19-Aug	108.375	94.41829
MDLT	19990820	20-Aug	98	81.00301
ARLI	19990821	21-Aug	98.375	85.80943
COLN	19990822	22-Aug	89.875	86.33185
DENT	19990823	23-Aug	59.5	82.87225
ARLI	19990824	24-Aug	79	55.52991
DENT	19990825	25-Aug	110	85.86186
DALN	19990826	26-Aug	92.125	76.59264
MDLT	19990827	27-Aug	87.25	59.04745
DENT	19990828	28-Aug	93.25	105.0925
ARLI	19990829	29-Aug	91	97.38804
ARLI	19990830	30-Aug	98.375	86.61478
KELC	19990831	31-Aug	95.125	92.07361
KELC	19990901	1-Sep	84.5	87.87145

Attachment E

Oklahoma 12k Modeling Performance in Dallas/Ft. Worth Area

Observed vs. Modeled, 8-Hour Ozone Daily Max Values at Monitors



Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3
ARLI	19990813	10	39.5	64.264
ARLI	19990814	11	103.375	86.53457
ARLI	19990815	11	85	89.74259
ARLI	19990816	10	90	87.0089
ARLI	19990817	9	92.375	76.28445
ARLI	19990818	10	74.125	79.889
ARLI	19990819	10	96.375	86.49094
ARLI	19990820	10	78.5	70.88514
ARLI	19990821	11	98.375	85.80943
ARLI	19990822	10	80.75	75.73187
COLN	19990813	14	61.75	59.33505
COLN	19990814	11	77.375	65.52199
COLN	19990815	11	81.625	78.28423
COLN	19990816	11	89.75	83.0276
COLN	19990817	11	122.625	85.83937
COLN	19990818	12	113.125	110.8425
COLN	19990819	10	75.5	79.40358
COLN	19990820	11	69.125	70.04547
COLN	19990821	10	79.5	81.31294
COLN	19990822	11	89.875	86.33185
DALN	19990813	11	58.125	62.10764
DALN	19990814	10	80.75	68.89175
DALN	19990815	10	86.5	83.94353
DALN	19990816	10	89.25	78.80551
DALN	19990817	10	111.25	71.11803
DALN	19990818	11	99	85.25765
DALN	19990819	10	73	76.06587
DALN	19990820	10	70.125	66.9919
DALN	19990821	11	85.5	75.78788
DALN	19990822	11	84	72.73109
DENT	19990813	11	57.375	62.73818
DENT	19990814	11	82.125	67.51676
DENT	19990815	10	93	85.45614
DENT	19990816	11	100	91.37937
DENT	19990817	12	126.375	100.5576
DENT	19990818	12	101.25	110.5889
DENT	19990819	11	74.25	73.96858
DENT	19990820	10	71.375	67.76509
DENT	19990821	11	83.5	87.07594
DENT	19990822	11	89.5	89.49876
DHIC	19990813	10	47	68.2567
DHIC	19990814	10	94.125	82.1268
DHIC	19990815	10	86.5	90.40384
DHIC	19990816	11	87.25	84.11051
DHIC	19990817	10	96.75	74.99925
DHIC	19990818	11	83.125	85.22616

DHIC	19990819	22	46.625	49.56595
DHIC	19990820	10	78.25	71.57689
DHIC	19990821	10	88.25	84.17
DHIC	19990822	11	78.75	73.92381
FRIC	19990813	14	67.375	56.65374
FRIC	19990814	11	78.25	63.11854
FRIC	19990815	10	76.75	77.56944
FRIC	19990816	10	83.625	78.88777
FRIC	19990817	11	126.25	77.19512
FRIC	19990818	11	116	109.0774
FRIC	19990819	12	76.625	73.0863
FRIC	19990820	11	66.25	68.7262
FRIC	19990821	10	78.625	74.80644
FRIC	19990822	11	88.375	82.31414
FWMC	19990813	10	46	60.81583
FWMC	19990814	11	92.375	88.75125
FWMC	19990815	11	87.5	96.38709
FWMC	19990816	11	100.375	85.20037
FWMC	19990817	9	97.25	78.77377
FWMC	19990818	10	77.375	89.08337
FWMC	19990819	10	77	86.94327
FWMC	19990820	11	83.25	70.87804
FWMC	19990821	10	95.375	90.0519
FWMC	19990822	10	72.375	80.0444
KELC	19990813	11	55.875	64.44881
KELC	19990814	11	86.125	83.07374
KELC	19990815	11	97.875	96.25571
KELC	19990816	11	107.625	89.19991
KELC	19990817	10	100.75	85.28951
KELC	19990818	11	90	96.51441
KELC	19990819	11	69	85.07797
KELC	19990820	11	75.875	71.81091
KELC	19990821	11	94.5	89.32591
KELC	19990822	11	81.25	79.64269
MDLT	19990813	12	52.375	54.25594
MDLT	19990814	12	96.25	80.34084
MDLT	19990815	12	82.375	74.67027
MDLT	19990816	11	85.375	77.19165
MDLT	19990817	9	86.375	70.62753
MDLT	19990818	11	70.25	71.06062
MDLT	19990819	11	108.375	94.41829
MDLT	19990820	11	98	81.00301
MDLT	19990821	11	95.5	77.50444
MDLT	19990822	11	80.75	70.18124
REDB	19990813	10	40	65.09026
REDB	19990814	11	88	81.10004
REDB	19990815	11	71	83.95475
REDB	19990816	10	73.625	82.79076
REDB	19990817	8	82.125	63.84668
REDB	19990818	10	67.25	77.65927
REDB	19990819	10	87.875	85.56017

REDB	19990820	10	81.5	70.98843
REDB	19990821	11	84.375	78.53105
REDB	19990822	11	71.125	72.57764

Unit: PPB

Missing Data: -999.

o3_data_dfw_19990813_19990901.8

Observed 8-Hour Averages from AMDA CAMx 8-Hour Data from Storm

SITE	DATE	HOUR	Obs O3	Mod O3
ARLI	19990823	11	41.375	60.88629
ARLI	19990824	12	79	55.52991
ARLI	19990825	11	96.625	78.3291
ARLI	19990826	10	69.75	57.72894
ARLI	19990827	11	83.875	65.04063
ARLI	19990828	11	77	73.78919
ARLI	19990829	10	91	97.38804
ARLI	19990830	10	98.375	86.61478
ARLI	19990831	10	89.375	85.18916
ARLI	19990901	9	78.25	83.77982
COLN	19990823	12	47.75	67.37184
COLN	19990824	12	64.25	61.55167
COLN	19990825	11	94.25	74.28928
COLN	19990826	11	86	107.3864
COLN	19990827	8	63.125	94.04439
COLN	19990828	11	86.25	97.94006
COLN	19990829	10	83.125	112.9372
COLN	19990830	10	83.5	84.05895
COLN	19990831	10	82.5	75.33843
COLN	19990901	10	79	85.37249
DALN	19990823	11	44.5	60.19395
DALN	19990824	11	67.75	50.16054
DALN	19990825	10	91.625	66.76129
DALN	19990826	10	92.125	76.59264
DALN	19990827	10	70.75	78.28462
DALN	19990828	11	87.25	73.35984
DALN	19990829	9	85.5	93.04772
DALN	19990830	10	85.875	75.13795
DALN	19990831	9	78.75	72.06112
DALN	19990901	9	79.125	74.00425
DENT	19990823	11	59.5	82.87225
DENT	19990824	12	59.125	67.88686
DENT	19990825	11	110	85.86186
DENT	19990826	11	78	78.66483
DENT	19990827	8	56.875	102.34
DENT	19990828	11	93.25	105.0925
DENT	19990829	10	83.25	118.5228
DENT	19990830	10	83.625	89.48573
DENT	19990831	10	85.25	83.609
DENT	19990901	10	82.875	101.1464
DHIC	19990823	11	36.75	61.60756
DHIC	19990824	11	71.75	63.49523
DHIC	19990825	10	85.75	67.64092
DHIC	19990826	10	78.125	90.56294
DHIC	19990827	10	75.125	78.28531
DHIC	19990828	11	79.875	81.5052

DHIC	19990829	10	87	87.83327
DHIC	19990830	10	88.625	82.27935
DHIC	19990831	10	81.125	79.36865
DHIC	19990901	13	57.875	57.65144
FRIC	19990823	11	49.125	69.28069
FRIC	19990824	13	64	51.95333
FRIC	19990825	10	85.375	70.98174
FRIC	19990826	11	84.375	98.08592
FRIC	19990827	9	57.75	96.97167
FRIC	19990828	11	82	98.80711
FRIC	19990829	9	81.375	99.98877
FRIC	19990830	10	80.375	77.33206
FRIC	19990831	10	79.5	69.9006
FRIC	19990901	10	74.625	79.48297
FWMC	19990823	11	37.375	64.62759
FWMC	19990824	11	58.375	61.64708
FWMC	19990825	10	97.125	77.82914
FWMC	19990826	10	65.625	48.20023
FWMC	19990827	10	76	72.95168
FWMC	19990828	11	78.625	72.9673
FWMC	19990829	10	88	82.09506
FWMC	19990830	11	93.5	95.25716
FWMC	19990831	10	90	91.012
FWMC	19990901	11	72.125	80.30054
KELC	19990823	12	45.375	58.22852
KELC	19990824	11	53.25	65.91311
KELC	19990825	12	104.5	75.83922
KELC	19990826	11	70.25	55.10364
KELC	19990827	10	73	82.28358
KELC	19990828	11	89.5	90.26484
KELC	19990829	10	87	101.8977
KELC	19990830	10	91.625	97.33996
KELC	19990831	10	95.125	92.07361
KELC	19990901	10	84.5	87.87145
MDLT	19990823	13	49.25	56.23325
MDLT	19990824	14	64.125	51.32449
MDLT	19990825	12	77.5	81.92055
MDLT	19990826	12	72.75	56.86783
MDLT	19990827	11	87.25	59.04745
MDLT	19990828	12	72.25	68.30763
MDLT	19990829	11	85.125	75.92871
MDLT	19990830	10	94.625	78.65062
MDLT	19990831	10	91.625	80.77985
MDLT	19990901	9	80.875	79.51882
REDB	19990823	11	35.375	58.50714
REDB	19990824	11	73.125	61.06608
REDB	19990825	11	79.125	66.6547
REDB	19990826	11	64.25	78.42756
REDB	19990827	10	74	69.03169
REDB	19990828	11	66.25	73.06931
REDB	19990829	10	77.875	85.63713

REDB	19990830	10	84.5	80.51408
REDB	19990831	10	77	79.47991
REDB	19990901	9	65.625	77.27974