3월 28일 굴뚝별 트랜드

					03-28 00:00	03-28 00:30	03-28 01:00	03-28 01:30	03-28 02:00	03-28 02:30	03-28 03:00	03-28 03:30	03-28 04:00	03-28 04:30	03-28 05:00	03-28 05:30	03-28 06:00	03-28 06:30	03-28 07:00	03-28 07:30
TSP	20	mg/Sm³	12	1	3.56	7	7.36	6.02	7.62	7.47	7.46	6.56	3.56	6.68	6.83	8.46	7.92	8.85	8.62	8.07
SOx	30	ppm	12	1	10.63	22.4	27.44	30.5	32	37.5	40	41.69	5	18.29	34.56	38.86	45.4	55.07	53.87	49.56
NOx	70	ppm	12	1	36.33	64.31	62.33	60.33	60.27	61.33	59.67	59.56	37.17	67.81	68.46	69	65.17	71.63	69.25	70.72
HCl	15	ppm	12	1	0.86	0.17	0	0	0	0	0	0	0.52	0	0	0	0	0	0	0
CO	50	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O_2		%	0	0.1	20.94	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.94	20.91	20.92	20.92	20.92	20.92	20.92	20.92
FL1		Sm³	12	10	1,228.83	23.91	23.46	24.36	23.91	24.36	24.36	23.91	1,230.27	23.47	23.07	22.17	23.07	20.82	21.28	21.27
TMP		℃	0	1	5.8	5.62	5.65	5.58	5.52	5.54	5.42	5.31	5.19	5.04	4.81	4.8	4.89	4.81	4.76	4.71
TM1		℃	0	1	12.05	12.09	12.15	12.08	11.91	12.03	11.98	12.08	12.15	11.91	12.01	11.97	12.09	11.95	11.92	11.97
TM3		℃	0	1	36.56	36.56	36.56	36.56	36.57	36.56	36.57	36.55	36.51	36.51	36.51	36.51	36.52	36.52	36.52	36.53

					03-28 08:00	03-28 08:30	03-28 09:00	03-28 09:30	03-28 10:00	03-28 10:30	03-28 11:00	03-28 11:30	03-28 12:00	03-28 12:30	03-28 13:00	03-28 13:30	03-28 14:00	03-28 14:30	03-28 15:00	03-28 15:30
TSP	20	mg/Sm³	12	1	6.17	9.76	40.02	34.97	0.36	0.33	0.22	0.17	0.15	0.12	0.08	0.07	0.09	0.09	0.06	0.06
SOx	30	ppm	12	1	5.14	10.33	12.67	18	0.02	0	0	0	0.11	0.36	0.48	0.49	0.66	0.71	0.61	0.75
NOx	70	ppm	12	1	95.58	206.22	115	79	0.16	0.18	0.73	1.39	0.59	0.02	0.06	0.09	0.08	0.06	0.06	0.08
HCl	15	ppm	12	1	0.35	0.03	1.67	1.17	0.22	0.3	0.07	0.37	0.29	0.17	0.18	0.23	0.24	0.23	0.27	0.28
CO	50	ppm	12	1	33.35	161.03	7.5	4.17	0.02	0.02	0.03	0.03	0.03	0.05	0.07	0.07	0.07	0.07	0.07	0.08
O_2		%	0	0.1	20.95	20.83	20.91	20.91	20.29	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91
FL1		Sm³	12	10	1,552.98	78.87	29.78	23.59	2,382.5	2,381.88	2,379.71	2,385.84	2,386.62	2,390.27	2,397.85	2,405.29	2,407.81	2,402.65	2,408.26	2,413.85
TMP		℃	0	1	8.84	20.6	22.55	16.85	13.09	13.36	13.75	12.84	12.17	11.45	10.4	9.49	9.04	9.6	9.05	8.37
TM1		℃	0	1	11.39	18.72	12.6	12.08	5.22	2.19	2.15	2.13	1.93	1.89	2	2.11	1.91	1.99	1.79	1.81
TM3		℃	0	1	36.54	36.55	36.53	36.54	36.54	36.55	36.54	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.54

					03-28 16:00	03-28 16:30	03-28 17:00	03-28 17:30	03-28 18:00	03-28 18:30	03-28 19:00	03-28 19:30	03-28 20:00	03-28 20:30	03-28 21:00	03-28 21:30	03-28 22:00	03-28 22:30	03-28 23:00	03-28 23:30
TSP	20	mg/Sm³	12	1	0.05	0.05	0.06	0.06	0.07	8.43	11.74	8.81	3.6	8.38	7.53	4.81	4.6	5.65	6.07	6.69
SOx	30	ppm	12	1	0.27	0	0	0	0.01	13.84	18.67	13	2.55	6.17	9.5	5.83	12.83	5.17	2	8
NOx	70	ppm	12	1	0.03	0	0	0.01	0.95	64.03	91.33	89.5	45.81	87.83	88.17	89.5	90.67	91.33	91.83	94
HCl	15	ppm	12	1	0.1	0.06	0.07	0.1	0.2	0.02	0	0	0.35	1.5	4.33	5.33	5.67	7.33	8	9
CO	50	ppm	12	1	0.02	0	0	0	0.01	0.01	0	0	0	0.5	1.5	2	2.67	3.67	4	4.33
O_2		%	0	0.1	20.91	20.91	20.91	20.55	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91
FL1		Sm³	12	10	2,416.67	2,417.01	2,416.65	2,412.86	2,413.33	820.35	24.06	24.06	1,216.02	24.09	24.12	24.12	24.12	24.12	24.12	24.12
TMP		℃	0	1	8.02	7.94	7.97	8.11	8.37	8.47	8.64	8.62	8.42	8.28	8.1	8.01	7.86	7.86	7.92	7.66
TM1		℃	0	1	2.07	1.91	2.07	2.01	10.93	12.11	12.29	12.27	12.51	12.32	12.36	12.39	12.49	12.08	12.27	12.33
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.56	36.55	36.56	36.55	36.55	36.56

3월 29일 굴뚝별 트랜드

					03-29 00:00	03-29 00:30	03-29 01:00	03-29 01:30	03-29 02:00	03-29 02:30	03-29 03:00	03-29 03:30	03-29 04:00	03-29 04:30	03-29 05:00	03-29 05:30	03-29 06:00	03-29 06:30	03-29 07:00	03-29 07:30
TSP	20	mg/Sm³	12	1	3.8	5.85	5.01	5.43	5.83	5.2	5.6	6.23	3.58	6.25	6.04	5.21	8.54	6.04	5.63	6.25
SOx	30	ppm	12	1	11.89	31.5	29.67	31.33	25.67	34.67	36.83	40.5	11	26.5	30.33	31.33	29.83	31.67	31.33	30
NOx	70	ppm	12	1	44.15	81.5	83.5	87.17	87	90	91.5	93	39.12	70.83	69.83	70.5	70.5	73.17	73.5	72
HCl	15	ppm	12	1	0.37	1.5	0.83	1	2.67	3.67	2.5	2.5	0.69	0	0.17	0	0.17	0.83	1	2.17
CO	50	ppm	12	1	0.01	0	0	0	0	0	0	0.17	0.34	1	0	0	0	0	0	0
O_2		%	0	0.1	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91
FL1		Sm³	12	10	1,219.27	24.12	24.14	24.16	24.21	24.21	24.31	24.24	1,220.59	24.18	24.18	24.18	24.18	24.18	24.18	24.18
TMP		℃	0	1	7.61	7.68	7.49	7.24	6.63	6.51	5.36	5.93	6.91	7.02	6.95	6.81	6.7	6.72	6.72	6.77
TM1		℃	0	1	12.26	12.19	12.24	12.21	12.22	11.99	12.15	12.26	12.39	12.08	12.29	11.9	12.16	12.13	12.07	12.31
TM3		℃	0	1	36.56	36.57	36.57	36.57	36.58	36.57	36.57	36.57	36.57	36.57	36.57	36.56	36.57	36.57	36.58	36.57

					03-29 08:00	03-29 08:30	03-29 09:00	03-29 09:30	03-29 10:00	03-29 10:30	03-29 11:00	03-29 11:30	03-29 12:00	03-29 12:30	03-29 13:00	03-29 13:30	03-29 14:00	03-29 14:30	03-29 15:00	03-29 15:30
TSP	20	mg/Sm³	12	1	3.16	6.46	5.21	4.79	4.59	4.38	5.02	10.17	7.34	10.6	7.81	6.32	6.53	0.21	0.22	0.14
SOx	30	ppm	12	1	5.62	26.5	39.83	31.83	17	0.33	0	0	18.06	34.5	13.5	0.83	3.33	1.66	0.9	0
NOx	70	ppm	12	1	38.38	82.83	83.17	84.17	87.83	85.33	82.83	140.67	120.98	110.17	60.83	58.83	67.33	5.92	7.74	13.58
HCl	15	ppm	12	1	0.36	0	0	0	0.17	0.33	0.5	3.5	2.21	1.67	3.17	2.5	3.67	0.62	0.62	0.31
CO	50	ppm	12	1	0	0	0	0	0	0	0	2.5	0.02	0	0	0	0.17	366.25	508.47	447.7
O_2		%	0	0.1	20.92	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	17.47	17.35	15.94
FL1		Sm³	12	10	1,220.27	24.16	24.15	24.15	24.12	24.12	24.12	30.16	1,191.46	23.78	23.86	23.88	25.37	961.34	944.87	1,315.06
TMP		℃	0	1	6.81	6.92	7.03	7.07	7.25	7.56	7.84	10.69	13.66	11.67	10.43	9.9	9.85	16.29	20.38	22.61
TM1		℃	0	1	12.13	12.21	12.14	12.13	12.21	12.39	12.22	12.12	12.13	12.27	12.23	12.34	22.41	224.39	285.43	323.14
TM3		℃	0	1	36.57	36.57	36.58	36.57	36.57	36.56	36.56	36.55	36.55	36.55	36.56	36.55	36.55	36.56	36.55	36.56

					03-29 16:00	03-29 16:30	03-29 17:00	03-29 17:30	03-29 18:00	03-29 18:30	03-29 19:00	03-29 19:30	03-29 20:00	03-29 20:30	03-29 21:00	03-29 21:30	03-29 22:00	03-29 22:30	03-29 23:00	03-29 23:30
TSP	20	mg/Sm³	12	1	0.13	0.57	0.11	0.09	0.08	0.13	0.11	0.2	0.24	0.26	0.27	0.27	0.27	0.27	0.27	0.28
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	15.24	23.53	20.94	24.91	20.61	21.46	27.26	36.3	39.63	41.5	39.62	37.86	36.94	36.14	35.44	35.1
HCl	15	ppm	12	1	0.5	0.86	0.54	0.45	0.38	0.18	0.44	0.92	0.67	0.57	0.52	0.47	0.42	0.38	0.35	0.33
CO	50	ppm	12	1	343.62	500.25	158.37	165.17	206.77	251.97	92.82	12.84	9.68	8.06	7.18	6.38	5.72	5.81	4.71	4.26
O_2		%	0	0.1	16.79	17.45	13.09	11.96	11.06	12.17	9.26	12.12	13.62	11.89	11.9	11.91	12.02	12.09	12.03	12.03
FL1		Sm³	12	10	1,807.19	909.95	2,021.53	2,303.12	2,547.88	2,250.6	3,365.13	2,225.61	2,299.88	2,320.95	2,258.42	2,287.4	2,300.07	2,281.42	2,295.83	2,309.24
TMP		℃	0	1	23.96	22.72	23.6	24.45	26.12	28.63	32.96	38.16	41.34	43.15	44.16	44.5	44.2	43.73	43.29	42.93
TM1		℃	0	1	327.35	214.08	378.41	383.23	395.21	454.22	564.06	540.47	549.72	550.74	552.25	554.81	562.99	566.16	563.32	577.29
TM3		℃	0	1	36.56	36.56	36.56	36.57	36.57	36.58	36.57	36.56	36.56	36.57	36.57	36.57	36.57	36.57	36.57	36.57

3월 30일 굴뚝별 트랜드

					03-30 00:00	03-30 00:30	03-30 01:00	03-30 01:30	03-30 02:00	03-30 02:30	03-30 03:00	03-30 03:30	03-30 04:00	03-30 04:30	03-30 05:00	03-30 05:30	03-30 06:00	03-30 06:30	03-30 07:00	03-30 07:30
TSP	20	mg/Sm³	12	1	0.27	0.28	0.29	0.23	0.21	0.25	0.23	0.2	0.48	0.37	0.51	0.39	0.47	0.61	0.57	1.18
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0.63	24.95	43.89	47.28	46.64	55.92	52.29	11.82	0.03
NOx	70	ppm	12	1	35.25	35.74	35.72	32.4	34.53	37.42	34.31	51.52	21.33	6.51	6.34	6.2	6.55	6.3	3.3	11.45
HCl	15	ppm	12	1	0.36	0.38	0.38	0.33	0.34	0.35	0.33	0.25	1.42	10.85	14.67	19.26	28.11	26.75	28.38	25.46
CO	50	ppm	12	1	4.19	4.22	4.23	2.06	0.42	0.33	0.38	21.27	186.17	123.48	97.84	120.65	32.03	66.55	38.9	6.56
O_2		%	0	0.1	13.88	12.29	12.38	9.88	9.45	10.18	9.31	5.66	7.8	4.49	4.15	3.81	6.86	5.55	6.54	6.77
FL1		Sm³	12	10	2,377.59	2,387.22	2,499.05	3,501.57	3,847.89	3,600.82	4,047.19	8,691.74	7,764.23	10,413.6	10,523.7	11,201.5	8,770.58	10,715.4	9,925.57	11,818.7
TMP		℃	0	1	42.14	41.84	41.9	42.78	44.97	45.99	47.77	72.9	116.48	140.91	157.79	166.06	171.61	176.8	179.73	180.27
TM1		℃	0	1	573.11	574.69	581.77	630.41	667.39	675.06	682.31	892.97	902.3	932.15	981.01	1,002.24	919.55	946.41	950.07	1,032.92
TM3		℃	0	1	36.57	36.57	36.56	36.56	36.56	36.56	36.56	36.56	36.55	36.56	36.56	36.56	36.56	36.56	36.56	36.56

					03-30 08:00	03-30 08:30	03-30 09:00	03-30 09:30	03-30 10:00	03-30 10:30	03-30 11:00	03-30 11:30	03-30 12:00	03-30 12:30	03-30 13:00	03-30 13:30	03-30 14:00	03-30 14:30	03-30 15:00	03-30 15:30
TSP	20	mg/Sm³	12	1																
SOx	30	ppm	12	1	0.65	0.54	0.49	0.36	0.39	0.38	0.44	0.57	0.33	0.41	0.31	0.29	0.37	0.3	0.28	0.27
NOx	70	ppm	12	1	0	0	0	2.48	3.96	1.9	0.97	11.82	38.17	0	0	13.42	0	0.25	0	13.63
HCl	15	ppm	12	1	14.77	12.84	14.86	5.61	1.54	0.87	0.43	22.92	94.87	0	11.8	36.44	21.34	22.67	15.72	21.94
CO	50	ppm	12	1	21.64	7.02	6.51	3.09	0	0.02	0.14	4.25	10.13	0.11	0.38	7.83	0.31	0.23	0.29	0.15
O_2		%	0	0.1	1.64	1.95	2.4	1.23	0	0	0	64.37	110.85	0	2.81	40.92	16.7	55.75	2	85.64
FL1		Sm³	12	10	10.61	8.9	8.73	15.76	21.38	21.37	21.19	7.84	4.88	21.26	11.66	11.57	7.32	6.45	8.16	6.12
TMP		℃	0	1	8,589.76	9,804.47	12,267	14,979.6	15,006	14,635.2	15,288.6	16,751.6	16,454.6	16,188.3	16,126.1	16,243.6	16,742.7	17,110.7	16,501.4	16,729.7
TM1		℃	0	1	176.35	174.29	173.29	174.41	177.11	174.14	178.17	176.3	166.8	165.11	174.71	180.07	179.1	179.41	181.36	182.73
TM3		℃	0	1	1,000.49	949.72	932.82	973.68	1,024.81	963.79	949.73	1,116.09	1,115.51	1,127.03	1,113.91	1,121.93	1,099.99	1,118.99	1,050.39	1,132.35
					36.55	36.56	36.58	36.57	36.58	36.57	36.55	36.58	36.59	36.55	36.55	36.56	36.56	36.55	36.55	36.55

					03-30 16:00	03-30 16:30	03-30 17:00	03-30 17:30	03-30 18:00	03-30 18:30	03-30 19:00	03-30 19:30	03-30 20:00	03-30 20:30	03-30 21:00	03-30 21:30	03-30 22:00	03-30 22:30	03-30 23:00	03-30 23:30
TSP	20	mg/Sm³	12	1																
SOx	30	ppm	12	1	0.27	0.27	0.26	0.29	0.36	0.37	0.34	0.36	0.44	0.38	0.35	0.39	0.42	0.37	0.37	0.38
NOx	70	ppm	12	1	10.46	30.15	16.72	0.07	2.21	0.53	15.1	0.94	0.03	0.26	5.59	5.08	0.02	0.01	13.6	5.12
HCl	15	ppm	12	1	27.43	24.4	21.27	22.27	18.33	17.65	15.39	15.08	22.48	12.64	13.67	14.71	14.32	12.22	13.47	12.01
CO	50	ppm	12	1	0.6	0.83	0.9	0.82	0.64	0.67	0.5	1.16	0.7	0.37	0.59	3.33	1.43	0.82	3.12	6.34
O_2		%	0	0.1	41.86	11.26	0.88	0.64	0.53	0.67	26.92	8.36	5.01	20.81	59.85	16.61	13.08	4.39	32.92	1.04
FL1		Sm³	12	10	9.1	7.36	7.52	7.33	7.51	8.06	6.92	7.56	9.74	7.65	6.36	7.94	8.75	7.23	6.99	8.11
TMP		℃	0	1	16,862.3	16,331.1	15,336.5	14,997	12,070.8	11,222.8	12,100	11,538.1	9,757.12	11,760.4	13,204.2	11,461.7	10,776.6	12,198.1	12,610.9	11,360.9
TM1		℃	0	1	183.21	182.21	179.57	177.81	177.27	177.32	176.83	176.83	176.69	177.36	178.53	178.8	177.7	176.89	176.92	176.99
TM3		℃	0	1	1,107.55	1,086.27	1,071.59	1,085.75	1,079.37	1,049.87	1,080.49	1,064	1,096.7	1,053.44	1,093.58	1,058.7	1,024.99	1,061.38	1,063.14	1,037.3
					36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.56	36.57	36.57	36.56	36.56	36.56	36.57