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	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	1.19	2.16
SOx	30	ppm	12	1	1.15	0.26	0.66	1.02	1.34	1.64	1.92	2.19	0.78	0.23	0.48	0.62	0.78	0.90	0.47	0.30
NOx	70	ppm	12	1	0.58	0.25	0.45	0.63	0.80	0.95	1.09	1.21	0.47	0.15	0.26	0.35	0.42	0.78	2.25	0.73
HCl	15	ppm	12	1	0.08	0.02	0.05	0.08	0.10	0.11	0.11	0.13	0.04	0.00	0.01	0.02	0.02	0.04	0.00	0.00
CO	50	ppm	12	1	0.11	0.03	0.04	0.04	0.05	0.05	0.06	0.08	0.03	0.01	0.02	0.02	0.02	0.02	0.03	0.03
O_2		%	0	0.1	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.47	20.67	20.67
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	17.08	16.72	16.42	16.34	16.13	16.00	15.95	15.91	15.70	15.51	15.35	15.18	14.98	14.85	14.79	14.41
TM1		℃	0	1	17.59	17.34	17.37	17.23	17.41	17.29	17.13	17.19	17.31	16.97	17.31	17.10	17.13	17.25	17.13	17.08
TM3		℃	0	1	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86

					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	0.35	1.69	1.45	1.45	1.27	1.11	1.41	1.38	0.79	1.14	1.04	0.62	0.18	0.07	0.07	0.05
SOx	30	ppm	12	1	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.87	6.59	7.38	0.01	0.87	0.00	0.00	0.00
NOx	70	ppm	12	1	3.90	14.53	9.47	4.41	0.28	0.00	0.00	0.00	23.04	19.11	21.43	8.40	14.62	26.84	25.03	17.86
HCl	15	ppm	12	1	0.00	0.00	0.00	0.70	2.06	2.77	2.41	3.30	3.84	10.04	9.85	2.30	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.07	0.28	0.56	0.98	0.56	0.18	0.00	0.00	1.54	1.73	2.60	204.21	477.65	158.21	162.51	216.79
O_2		%	0	0.1	20.68	20.68	20.68	20.68	20.68	20.67	20.67	20.66	20.50	20.52	20.45	18.65	16.94	14.03	13.26	10.59
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	139	0	32	342	843	1,573	575	23
TMP		℃	0	1	14.36	14.55	14.73	14.85	15.09	15.34	15.67	15.93	17.61	17.70	18.57	24.42	28.15	30.50	31.34	31.44
TM1		℃	0	1	17.06	17.17	17.26	17.35	17.52	17.57	17.81	18.07	17.93	18.14	21.72	163.98	283.61	391.14	425.46	446.07
TM3		℃	0	1	35.88	35.86	35.86	35.86	35.86	35.86	35.86	35.88	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.90

					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	0.04	0.07	0.12	0.15	0.21	0.24	1.46	1.20	0.61	0.30	0.16	0.17	0.18	0.17	0.17	0.17
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.26	0.11	0.00	0.15	0.22	0.14	0.77	1.36	1.93
NOx	70	ppm	12	1	17.03	21.50	25.86	26.96	28.12	29.08	37.00	28.46	17.41	28.56	40.27	45.42	46.52	47.43	47.76	48.35
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	219.52	214.97	139.64	120.41	89.63	77.05	55.36	53.77	40.11	95.50	8.04	3.85	3.11	2.28	1.71	1.27
O_2		%	0	0.1	11.53	11.45	12.43	13.17	13.84	13.84	17.30	18.14	18.69	15.14	10.99	11.36	11.60	11.46	11.49	11.50
FL1		Sm³	12	10	152	691	801	1,838	1,725	1,678	0	0	96	1,446	2,454	2,715	2,348	2,383	2,395	2,392
TMP		℃	0	1	31.83	33.76	36.76	40.18	43.63	45.65	39.76	29.80	25.73	37.84	43.89	45.56	45.78	45.58	45.31	44.97
TM1		℃	0	1	452.54	451.80	454.54	452.99	453.97	453.69	252.39	176.26	146.25	382.00	520.64	553.39	567.78	581.71	590.57	596.97
TM3		℃	0	1	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.90

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	0.18	0.17	0.17	0.17	0.18	0.19	0.19	0.21	0.22	0.23	0.31	0.36	0.38	0.49	0.40	0.25
SOx	30	ppm	12	1	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.09	45.05
NOx	70	ppm	12	1	48.74	47.11	47.31	47.47	47.81	47.82	47.79	46.90	47.69	43.72	41.87	37.38	33.10	31.12	42.38	62.32
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.73
CO	50	ppm	12	1	1.13	0.92	0.77	0.65	0.55	0.47	0.42	0.39	0.44	0.93	1.29	1.30	1.38	3.71	72.49	82.23
O_2		%	0	0.1	13.30	11.51	11.50	11.50	11.50	11.50	11.49	11.39	13.18	11.32	11.71	11.63	11.55	14.05	8.66	2.99
FL1		Sm³	12	10	2,335	2,410	2,396	2,404	2,404	2,433	2,425	2,450	2,349	2,646	2,727	2,727	2,901	2,628	8,808	15,652
TMP		℃	0	1	44.61	44.57	44.29	44.14	44.00	43.86	43.71	44.67	45.45	49.95	67.75	80.52	87.87	97.70	109.65	132.69
TM1		℃	0	1	600.15	603.75	605.71	609.65	611.35	610.87	614.28	614.07	615.90	615.28	614.67	615.80	615.36	589.13	843.09	1,059.45
TM3		℃	0	1	35.90	35.90	35.90	35.90	35.90	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94

					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	0.49	0.43	0.42	0.40	0.42	0.41	0.42	0.39	0.53	0.41	0.36	0.33	0.34	0.33	0.31	0.31
SOx	30	ppm	12	1	61.19	4.73	2.73	0.02	0.00	0.47	0.00	0.12	11.08	8.74	0.02	0.00	27.32	20.47	0.06	0.43
NOx	70	ppm	12	1	79.88	18.84	19.18	17.66	16.97	16.96	16.45	16.73	24.86	17.70	11.35	0.00	59.73	46.64	24.74	31.55
HCl	15	ppm	12	1	37.78	24.79	16.35	11.16	8.37	7.01	6.65	5.07	11.82	12.82	6.00	0.67	18.56	8.56	19.51	16.84
CO	50	ppm	12	1	25.02	4.85	2.98	2.08	1.67	3.82	2.23	1.07	2.54	2.49	0.66	0.00	75.68	56.59	3.18	2.84
O_2		%	0	0.1	9.26	7.68	7.37	6.46	6.82	6.12	6.72	5.60	8.91	6.69	12.31	14.76	3.08	10.26	7.92	6.83
FL1		Sm³	12	10	9,882	11,883	12,433	13,266	13,088	13,810	13,295	14,356	11,233	13,426	15,350	17,002	17,243	17,236	16,812	16,653
TMP		℃	0	1	152.09	164.34	168.58	171.31	173.59	175.23	175.77	175.27	175.06	174.74	173.87	174.10	175.62	176.95	176.97	177.12
TM1		℃	0	1	1,002.73	973.43	979.39	1,021.35	1,020.30	1,038.87	1,024.49	1,052.83	1,047.44	1,035.03	1,034.67	1,033.21	1,002.03	999.65	985.97	1,023.57
TM3		℃	0	1	35.94	35.94	35.91	35.90	35.91	35.94	35.94	35.94	35.94	35.94	35.96	35.93	35.94	35.95	35.94	35.94

					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	0.31	0.42	0.42	0.41	0.42	0.42	0.41	0.43	0.56	0.45	0.44	0.43	0.43	0.46	0.45	0.46
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.02	2.66	5.36	2.60	4.64	1.14	3.02	12.89
NOx	70	ppm	12	1	28.04	16.08	18.65	21.11	20.72	24.26	22.47	25.04	34.12	23.92	24.17	28.39	25.94	19.77	26.69	20.89
HCl	15	ppm	12	1	9.57	4.53	4.03	4.88	6.00	6.85	6.95	9.32	12.96	6.35	12.01	9.52	7.87	9.29	10.35	21.24
CO	50	ppm	12	1	1.82	1.34	1.28	0.96	0.87	0.86	0.82	0.87	1.10	8.39	1.05	6.42	5.74	1.07	1.47	1.60
O_2		%	0	0.1	9.77	7.48	6.94	6.79	6.88	6.90	6.41	6.73	10.12	7.23	6.68	6.47	6.52	7.63	7.34	7.81
FL1		Sm³	12	10	16,678	12,478	13,055	13,172	13,105	13,092	13,611	13,393	10,179	12,892	13,423	13,642	13,536	12,514	12,823	11,729
TMP		℃	0	1	176.98	176.98	176.97	177.16	176.99	176.92	176.96	176.46	175.95	175.37	174.97	174.87	174.58	173.86	173.62	172.96
TM1		℃	0	1	1,020.31	995.70	1,013.27	1,022.91	1,034.18	1,031.57	1,035.87	1,033.96	1,007.51	1,016.70	1,032.63	1,065.95	1,053.89	1,004.61	1,018.33	984.73
TM3		℃	0	1	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.93	35.90	35.90	35.90	35.90	35.90	35.90	35.90

3월 31일 굴뚝별 트랜드

					03-31 00:00	03-31 00:30	03-31 01:00	03-31 01:30	03-31 02:00	03-31 02:30	03-31 03:00	03-31 03:30	03-31 04:00	03-31 04:30	03-31 05:00	03-31 05:30	03-31 06:00	03-31 06:30	03-31 07:00	03-31 07:30
TSP	20	mg/Sm³	12	1	0.55	0.41	0.42	0.42	0.48	0.47	0.43	0.46	0.55	0.47	0.46	0.42	0.47	0.45	0.47	0.44
SOx	30	ppm	12	1	10.53	0.78	0.00	0.00	3.06	1.01	8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
NOx	70	ppm	12	1	26.22	16.46	17.52	19.18	19.70	15.70	15.76	16.17	18.02	16.32	16.81	19.59	12.57	13.41	17.07	13.98
HCl	15	ppm	12	1	17.13	4.93	1.88	1.81	10.96	12.92	17.04	6.60	3.47	2.16	3.86	3.84	4.48	7.08	5.12	5.13
CO	50	ppm	12	1	1.90	3.06	2.30	0.81	1.34	1.43	1.76	1.64	2.28	2.06	1.98	1.39	1.89	1.00	1.49	1.13
O_2		%	0	0.1	9.94	6.37	6.69	6.51	7.97	7.92	7.00	7.91	10.44	8.06	8.08	6.89	8.13	7.30	7.75	6.95
FL1		Sm³	12	10	10,062	12,965	12,785	13,056	11,861	12,042	12,052	11,465	9,850	11,449	11,499	12,563	11,308	12,147	11,938	12,530
TMP		℃	0	1	171.71	171.32	171.38	171.56	171.62	172.05	171.79	171.23	171.05	171.23	171.28	172.02	171.93	172.24	172.28	172.58
TM1		℃	0	1	991.15	1,018.87	1,013.50	1,035.51	996.76	993.42	1,018.58	979.17	969.42	953.76	941.83	981.76	963.76	997.00	974.65	997.68
TM3		℃	0	1	35.91	35.91	35.93	35.93	35.94	35.94	35.94	35.94	35.94	35.93	35.89	35.87	35.83	35.83	35.83	35.83

					03-31 08:00	03-31 08:30	03-31 09:00	03-31 09:30	03-31 10:00	03-31 10:30	03-31 11:00	03-31 11:30	03-31 12:00	03-31 12:30	03-31 13:00	03-31 13:30	03-31 14:00	03-31 14:30	03-31 15:00	03-31 15:30
TSP	20	mg/Sm³	12	1	0.56	0.45	0.45	0.46	0.43	0.42	0.43	0.40	0.54	0.41	0.42	0.43	0.40	0.46	0.37	0.39
SOx	30	ppm	12	1	0.00	0.37	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	2.96
NOx	70	ppm	12	1	16.44	16.25	14.80	13.57	14.23	15.63	16.70	15.09	20.90	16.78	17.90	16.11	15.50	13.07	15.39	17.53
HCl	15	ppm	12	1	5.55	3.56	6.54	12.40	5.60	3.90	2.40	1.56	2.66	2.53	3.06	3.46	2.83	3.02	2.81	8.44
CO	50	ppm	12	1	1.61	14.19	1.07	1.26	1.06	0.93	19.37	8.93	0.90	3.95	0.64	0.75	0.47	1.24	17.22	16.49
O_2		%	0	0.1	10.21	7.27	7.40	7.91	7.18	6.69	7.22	6.17	8.86	6.70	7.25	7.52	7.06	8.64	5.92	6.79
FL1		Sm³	12	10	10,146	12,241	11,946	11,216	12,012	12,608	12,339	13,797	11,113	13,152	12,570	12,121	12,500	11,014	13,790	12,900
TMP		℃	0	1	172.80	173.38	173.93	173.67	173.54	173.91	174.45	175.48	176.15	176.77	176.55	176.59	176.73	176.20	176.63	176.99
TM1		℃	0	1	962.23	990.83	995.98	973.11	995.07	1,017.89	1,016.50	1,046.25	1,054.25	1,038.40	1,014.81	1,007.96	1,030.58	963.45	1,052.35	1,043.06
TM3		℃	0	1	35.83	35.82	35.82	35.83	35.85	35.84	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83

					03-31 16:00	03-31 16:30	03-31 17:00	03-31 17:30	03-31 18:00	03-31 18:30	03-31 19:00	03-31 19:30	03-31 20:00	03-31 20:30	03-31 21:00	03-31 21:30	03-31 22:00	03-31 22:30	03-31 23:00	03-31 23:30
TSP	20	mg/Sm³	12	1	0.51	0.41	0.42	0.40	0.40	0.41	0.41	0.42	0.54	0.41	0.41	0.43	0.41	0.43	0.42	0.46
SOx	30	ppm	12	1	3.97	7.94	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	19.36	16.28	16.64	16.44	18.27	16.96	16.83	16.16	17.97	15.85	16.92	17.29	17.83	18.42	19.83	20.86
HCl	15	ppm	12	1	9.40	7.51	4.92	4.18	3.91	8.07	4.38	3.45	3.92	2.90	1.84	2.00	2.04	2.02	1.61	1.58
CO	50	ppm	12	1	11.23	29.85	2.79	0.81	0.54	0.63	0.68	0.75	1.23	0.62	0.59	0.78	6.60	0.71	0.55	1.13
O_2		%	0	0.1	10.45	6.73	7.47	7.08	7.18	7.17	6.78	7.03	10.72	7.26	7.08	7.52	6.93	7.43	7.20	8.15
FL1		Sm³	12	10	10,091	13,254	12,443	12,695	12,683	12,784	13,241	12,941	10,338	12,619	12,941	12,566	13,176	12,676	12,900	11,940
TMP		℃	0	1	177.07	177.64	177.72	177.65	177.28	177.29	177.38	177.56	177.56	177.50	177.30	177.05	177.36	177.51	177.44	177.10
TM1		℃	0	1	1,006.43	1,038.75	1,000.98	1,030.00	1,033.56	1,022.23	1,035.91	1,036.47	973.83	1,016.42	1,025.25	1,012.13	1,032.33	1,010.79	1,017.18	980.09
TM3		℃	0	1	35.83	35.83	35.83	35.83	35.83	35.84	35.84	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83