9월 1일 굴뚝별 트랜드

					09-01 00:00	09-01 00:30	09-01 01:00	09-01 01:30	09-01 02:00	09-01 02:30	09-01 03:00	09-01 03:30	09-01 04:00	09-01 04:30	09-01 05:00	09-01 05:30	09-01 06:00	09-01 06:30	09-01 07:00	09-01 07:30
TSP	20	mg/Sm³	12	1	0.64	0.46	0.46	0.47	0.47	0.45	0.48	0.46	0.63	0.49	0.47	0.49	0.44	0.49	0.50	0.51
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	1.52	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	26.20	21.52	17.58	15.26	15.92	19.14	19.05	19.76	21.99	17.53	18.26	17.27	19.81	18.43	20.23	22.69
HCl	15	ppm	12	1	2.88	1.99	3.47	3.46	3.11	3.91	4.19	3.00	5.80	2.19	2.10	3.15	2.01	3.96	2.84	2.48
CO	50	ppm	12	1	0.46	0.70	4.81	0.55	0.26	1.16	0.23	0.26	0.26	0.26	0.22	0.26	0.32	0.20	0.24	0.26
O_2		%	0	0.1	10.32	6.00	5.98	6.24	6.20	5.68	6.77	5.93	9.47	6.89	6.21	6.93	5.40	6.85	7.20	7.50
FL1		Sm³	12	10	11,129	15,578	15,762	15,269	15,478	16,053	14,733	15,701	11,623	14,560	15,472	14,315	16,214	14,352	13,824	13,410
TMP		℃	0	1	185.30	185.64	187.84	188.17	187.66	188.28	188.14	187.13	186.97	187.07	186.80	187.42	187.03	187.23	187.08	185.60
TM1		℃	0	1	1,001.64	1,056.09	1,069.42	1,057.57	1,049.86	1,079.85	1,017.37	1,057.41	1,044.69	1,029.11	1,052.29	1,035.79	1,112.47	1,039.51	1,036.71	1,028.73
TM3		℃	0	1	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.87	35.87	35.87	35.87	35.87	35.86

					09-01 08:00	09-01 08:30	09-01 09:00	09-01 09:30	09-01 10:00	09-01 10:30	09-01 11:00	09-01 11:30	09-01 12:00	09-01 12:30	09-01 13:00	09-01 13:30	09-01 14:00	09-01 14:30	09-01 15:00	09-01 15:30
TSP	20	mg/Sm³	12	1	0.61	0.45	0.50	0.50	0.45	0.47	0.51	0.49	0.59	0.51	0.47	0.44	0.45	0.43	0.45	0.46
SOx	30	ppm	12	1	1.86	2.31	0.00	0.00	0.18	0.00	0.00	1.61	1.64	0.00	0.00	0.30	0.12	0.06	0.07	0.00
NOx	70	ppm	12	1	27.07	19.02	20.85	21.80	24.07	24.75	20.35	24.95	39.88	21.13	25.78	23.69	26.93	35.40	30.59	28.16
HCl	15	ppm	12	1	3.48	6.06	4.25	1.69	1.34	1.81	3.67	3.93	10.27	4.97	2.74	1.93	2.95	1.83	2.28	1.50
CO	50	ppm	12	1	0.34	0.37	0.17	0.09	0.06	0.14	0.21	0.25	0.09	0.18	0.11	0.16	0.09	0.05	0.06	0.06
O_2		%	0	0.1	8.69	5.31	6.75	6.73	5.35	6.03	7.09	6.95	8.07	7.45	6.61	5.90	6.16	5.37	6.01	6.48
FL1		Sm³	12	10	12,854	16,284	14,298	14,138	15,497	15,153	13,907	14,265	12,573	13,520	14,496	15,371	14,947	15,845	15,132	14,431
TMP		℃	0	1	185.66	187.67	187.57	186.16	186.50	186.66	186.91	187.23	188.40	188.65	187.01	186.76	187.55	187.71	187.86	187.26
TM1		℃	0	1	1,082.20	1,117.05	1,064.87	1,078.93	1,153.66	1,104.35	1,057.38	1,057.26	1,146.09	1,049.69	1,077.01	1,093.89	1,099.63	1,148.77	1,110.87	1,101.25
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

					09-01 16:00	09-01 16:30	09-01 17:00	09-01 17:30	09-01 18:00	09-01 18:30	09-01 19:00	09-01 19:30	09-01 20:00	09-01 20:30	09-01 21:00	09-01 21:30	09-01 22:00	09-01 22:30	09-01 23:00	09-01 23:30
TSP	20	mg/Sm³	12	1	0.62	0.46	0.53	0.44	0.46	0.47	0.46	0.48	0.61	0.48	0.49	0.46	0.47	0.48	0.49	0.49
SOx	30	ppm	12	1	0.00	0.03	0.00	0.02	0.00	0.00	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	34.53	25.80	15.25	19.13	17.13	15.75	19.68	15.76	25.32	17.00	14.58	19.54	15.94	15.12	18.89	13.10
HCl	15	ppm	12	1	1.63	1.43	1.68	1.50	1.97	1.83	1.45	1.58	2.02	1.64	1.59	1.59	2.01	1.38	1.08	1.39
CO	50	ppm	12	1	0.22	0.14	0.42	0.31	0.21	0.24	0.14	0.21	0.26	0.20	0.26	0.19	0.16	0.21	0.26	0.49
O_2		%	0	0.1	9.99	6.49	8.34	5.75	6.34	6.65	6.14	6.56	8.68	6.57	7.02	6.11	6.25	6.84	6.93	6.87
FL1		Sm³	12	10	11,218	14,355	12,404	15,416	15,015	14,734	15,213	14,929	12,396	14,775	14,450	15,476	15,206	14,364	14,328	14,284
TMP		℃	0	1	186.57	186.78	186.61	185.35	186.57	187.57	187.29	187.43	187.78	187.82	187.10	186.56	187.40	186.83	186.04	186.74
TM1		℃	0	1	1,063.19	1,098.43	1,004.38	1,098.25	1,066.09	1,031.37	1,060.74	1,037.61	1,085.97	1,047.19	1,017.25	1,078.51	1,065.85	1,036.39	1,041.07	1,031.30
TM3		℃	0	1	35.86	35.83	35.86	35.86	35.84	35.83	35.83	35.83	35.83	35.83	35.83	35.82	35.82	35.82	35.82	35.82

9월 2일 굴뚝별 트랜드

					09-02 00:00	09-02 00:30	09-02 01:00	09-02 01:30	09-02 02:00	09-02 02:30	09-02 03:00	09-02 03:30	09-02 04:00	09-02 04:30	09-02 05:00	09-02 05:30	09-02 06:00	09-02 06:30	09-02 07:00	09-02 07:30
TSP	20	mg/Sm³	12	1	0.64	0.45	0.51	0.48	0.48	0.50	0.47	0.47	0.63	0.46	0.49	0.47	0.45	0.49	0.46	0.51
SOx	30	ppm	12	1	0.00	0.00	0.00	0.04	0.28	0.01	0.04	0.14	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.00
NOx	70	ppm	12	1	14.78	19.40	13.85	18.96	16.38	15.46	20.06	18.97	26.46	17.90	15.95	16.14	19.21	17.35	15.05	15.08
HCl	15	ppm	12	1	1.95	1.00	1.63	1.63	3.19	2.22	1.62	2.77	2.46	1.34	2.30	1.77	2.04	2.01	1.02	2.55
CO	50	ppm	12	1	0.45	1.57	0.26	0.23	0.17	0.26	8.05	0.16	0.21	0.20	0.31	0.23	0.39	0.19	0.42	0.40
O_2		%	0	0.1	9.92	5.77	7.44	6.41	6.76	7.34	6.44	6.36	9.92	6.10	7.05	6.19	5.67	6.91	6.19	7.15
FL1		Sm³	12	10	11,138	15,155	13,582	14,881	14,333	13,771	14,881	14,471	11,067	14,919	13,965	14,787	15,174	13,793	15,039	13,555
TMP		℃	0	1	186.65	185.53	185.39	186.14	186.56	186.41	186.54	187.02	186.46	185.43	185.92	186.14	185.97	185.91	185.84	185.90
TM1		℃	0	1	1,019.09	1,079.90	1,033.99	1,060.94	1,068.22	1,039.19	1,085.84	1,072.60	1,038.26	1,061.28	1,011.09	1,058.17	1,095.77	1,054.05	1,054.31	1,041.02
TM3		℃	0	1	35.81	35.81	35.80	35.79	35.80	35.79	35.79	35.79	35.79	35.79	35.79	35.79	35.79	35.79	35.74	35.80

					09-02 08:00	09-02 08:30	09-02 09:00	09-02 09:30	09-02 10:00	09-02 10:30	09-02 11:00	09-02 11:30	09-02 12:00	09-02 12:30	09-02 13:00	09-02 13:30	09-02 14:00	09-02 14:30	09-02 15:00	09-02 15:30
TSP	20	mg/Sm³	12	1	0.61	0.41	0.47	0.44	0.43	0.50	0.44	0.44	0.60	0.45	0.46	0.48	0.48	0.42	0.44	0.53
SOx	30	ppm	12	1	0.00	0.57	0.09	0.03	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.67	0.00
NOx	70	ppm	12	1	22.18	15.99	13.54	16.07	20.61	16.15	20.22	18.53	21.38	21.10	15.91	18.86	20.85	25.24	28.00	22.68
HCl	15	ppm	12	1	1.93	2.03	4.12	1.72	3.16	4.01	1.50	2.37	2.66	1.52	2.16	2.42	2.16	2.60	3.35	2.94
CO	50	ppm	12	1	1.01	35.05	1.63	0.68	0.36	0.24	0.17	0.15	0.17	0.07	0.16	0.16	0.14	0.16	0.10	0.24
O_2		%	0	0.1	8.90	4.23	6.42	5.25	4.90	7.32	5.67	5.58	9.32	6.24	6.58	6.91	7.16	5.13	5.52	7.69
FL1		Sm³	12	10	12,191	17,330	14,453	15,507	16,089	13,376	15,364	15,251	11,427	14,235	14,266	13,672	13,098	15,589	15,102	12,758
TMP		℃	0	1	185.42	185.80	187.41	186.26	186.49	186.85	186.50	186.85	186.27	185.66	186.46	186.69	185.49	184.55	186.31	185.88
TM1		℃	0	1	1,063.44	1,135.27	1,046.39	1,118.19	1,136.62	1,027.93	1,086.53	1,102.07	1,051.82	1,100.34	1,057.61	1,044.07	1,055.73	1,151.25	1,134.05	1,053.89
TM3		℃	0	1	35.83	35.83	35.83	35.83	35.83	35.84	35.86	35.86	35.86	35.86	35.86	35.86	35.87	35.86	35.86	35.86

					09-02 16:00	09-02 16:30	09-02 17:00	09-02 17:30	09-02 18:00	09-02 18:30	09-02 19:00	09-02 19:30	09-02 20:00	09-02 20:30	09-02 21:00	09-02 21:30	09-02 22:00	09-02 22:30	09-02 23:00	09-02 23:30
TSP	20	mg/Sm³	12	1	0.64	0.49	0.47	0.53	0.46	0.48	0.49	0.47	0.64	0.46	0.47	0.46	0.51	0.52	0.46	0.48
SOx	30	ppm	12	1	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.11	0.17	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	34.00	22.83	26.25	18.54	18.54	15.67	23.93	24.83	24.18	20.42	23.00	24.61	21.26	20.26	19.70	16.69
HCl	15	ppm	12	1	2.12	1.61	1.71	2.61	1.60	2.38	1.69	1.60	3.24	5.39	4.34	3.18	2.55	2.85	3.58	4.04
CO	50	ppm	12	1	0.17	0.13	0.11	0.45	0.31	0.28	0.15	0.19	0.39	18.42	0.28	0.19	0.37	0.69	1.52	1.05
O_2		%	0	0.1	9.55	6.80	6.02	7.81	5.79	6.86	6.93	6.23	9.83	5.94	6.53	6.23	7.66	7.56	6.04	6.31
FL1		Sm³	12	10	10,588	13,815	14,946	13,153	15,645	14,034	13,839	15,030	11,509	15,274	14,625	14,536	13,094	13,339	14,785	14,245
TMP		℃	0	1	185.00	185.73	186.38	186.59	186.55	186.86	186.44	186.94	187.46	187.36	187.20	186.46	185.86	185.16	184.99	185.97
TM1		℃	0	1	1,109.05	1,096.95	1,116.86	1,010.84	1,089.49	1,043.67	1,080.67	1,091.35	1,039.95	1,079.53	1,058.64	1,077.81	1,034.47	1,006.10	1,077.65	1,058.41
TM3		℃	0	1	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.89	35.90	35.90	35.90	35.90	35.90	35.88	35.87

9월 3일 굴뚝별 트랜드

					09-03 00:00	09-03 00:30	09-03 01:00	09-03 01:30	09-03 02:00	09-03 02:30	09-03 03:00	09-03 03:30	09-03 04:00	09-03 04:30	09-03 05:00	09-03 05:30	09-03 06:00	09-03 06:30	09-03 07:00	09-03 07:30
TSP	20	mg/Sm³	12	1	0.63	0.48	0.50	0.46	0.51	0.50	0.48	0.49	0.63	0.53	0.56	0.53	0.56	0.46	0.52	0.64
SOx	30	ppm	12	1	0.00	0.00	0.00	0.90	0.09	0.00	0.36	0.76	0.07	0.22	1.62	0.41	0.00	1.70	0.08	0.00
NOx	70	ppm	12	1	23.61	19.26	22.62	19.10	16.95	21.96	22.12	21.99	24.92	22.44	24.83	20.21	20.99	23.58	20.35	25.93
HCl	15	ppm	12	1	5.16	3.83	3.87	4.45	4.93	4.25	4.84	5.35	6.44	4.54	7.98	8.26	4.16	2.57	5.84	6.20
CO	50	ppm	12	1	0.42	0.19	0.16	12.31	0.32	0.24	0.12	0.13	0.23	0.27	0.45	0.22	0.43	0.56	0.26	1.07
O_2		%	0	0.1	8.92	6.84	7.19	5.86	7.25	7.00	6.19	6.67	9.98	7.82	8.34	7.83	8.68	6.14	7.80	9.74
FL1		Sm³	12	10	11,354	13,401	13,269	15,067	13,531	13,884	14,622	13,978	11,477	13,332	12,990	12,704	11,965	14,822	13,287	11,449
TMP		℃	0	1	185.63	184.86	183.86	184.28	185.40	185.49	185.60	185.87	185.71	185.77	186.16	185.53	184.65	184.39	185.36	185.88
TM1		℃	0	1	1,080.17	1,071.35	1,057.22	1,089.52	1,031.23	1,051.25	1,091.34	1,098.63	1,056.58	1,038.32	1,009.00	1,057.53	1,038.59	1,089.21	1,041.26	949.94
TM3		℃	0	1	35.86	35.86	35.86	35.86	35.86	35.86	35.84	35.83	35.83	35.80	35.78	35.75	35.72	35.71	35.71	35.68

					09-03 08:00	09-03 08:30	09-03 09:00	09-03 09:30	09-03 10:00	09-03 10:30	09-03 11:00	09-03 11:30	09-03 12:00	09-03 12:30	09-03 13:00	09-03 13:30	09-03 14:00	09-03 14:30	09-03 15:00	09-03 15:30
TSP	20	mg/Sm³	12	1	0.65	0.49	0.50	0.53	0.53	0.45	0.45	0.52	0.60	0.45	0.47	0.45	0.45	0.51	0.47	0.44
SOx	30	ppm	12	1	6.87	0.00	0.00	0.00	0.08	3.91	0.98	0.00	1.62	1.08	4.64	2.40	3.83	0.00	0.02	4.54
NOx	70	ppm	12	1	31.00	19.32	14.48	13.19	19.26	20.10	11.81	9.34	19.54	15.59	10.34	14.22	13.63	12.40	16.44	20.13
HCl	15	ppm	12	1	10.07	5.64	3.36	3.13	3.58	4.23	6.47	3.89	5.23	5.44	8.76	5.80	9.95	7.13	4.82	6.86
CO	50	ppm	12	1	0.54	0.34	0.37	0.43	0.52	17.19	31.28	0.87	18.36	2.64	0.55	0.67	7.67	0.51	1.67	0.74
O_2		%	0	0.1	9.41	6.86	7.29	7.86	7.83	5.44	5.48	7.58	7.53	5.41	6.15	5.45	5.79	7.42	6.24	5.10
FL1		Sm³	12	10	12,178	14,096	13,096	12,536	12,891	16,050	15,237	12,987	12,734	15,908	14,875	15,865	15,326	13,206	14,672	16,199
TMP		℃	0	1	185.27	186.12	185.67	184.85	184.13	185.63	187.12	186.55	185.56	187.68	188.12	188.15	188.48	187.72	187.00	187.80
TM1		℃	0	1	1,060.05	1,039.05	1,027.30	998.87	1,011.48	1,085.67	1,087.11	981.39	1,097.03	1,076.67	1,041.70	1,068.05	1,075.98	1,006.37	1,051.01	1,115.69
TM3		℃	0	1	35.70	35.70	35.71	35.71	35.62	35.66	35.67	35.71	35.71	35.71	35.67	35.66	35.71	35.71	35.68	35.74

					09-03 16:00	09-03 16:30	09-03 17:00	09-03 17:30	09-03 18:00	09-03 18:30	09-03 19:00	09-03 19:30	09-03 20:00	09-03 20:30	09-03 21:00	09-03 21:30	09-03 22:00	09-03 22:30	09-03 23:00	09-03 23:30
TSP	20	mg/Sm³	12	1	0.64	0.43	0.45	0.46	0.48	0.49	0.49	0.48	0.66	0.82	0.63	0.38	0.40	0.39	0.40	0.46
SOx	30	ppm	12	1	2.78	3.28	2.47	1.88	0.79	0.16	0.32	0.38	0.00	0.00	0.00	4.15	2.70	3.63	4.26	0.50
NOx	70	ppm	12	1	18.98	15.86	17.40	15.14	17.89	17.92	12.81	18.60	20.73	48.87	36.28	20.68	10.90	12.73	11.33	16.09
HCl	15	ppm	12	1	8.83	3.78	8.57	9.36	7.98	8.64	7.27	6.19	8.55	6.66	2.05	2.29	6.31	5.41	3.88	3.52
CO	50	ppm	12	1	0.45	4.65	0.55	0.50	0.30	0.42	0.55	0.44	0.93	60.03	56.55	50.17	15.90	30.53	14.38	0.17
O_2		%	0	0.1	9.66	4.83	5.58	5.98	6.72	7.07	7.15	7.04	10.89	12.67	10.70	4.57	5.25	4.97	4.94	6.62
FL1		Sm³	12	10	11,084	16,135	15,290	14,606	13,827	13,424	13,327	13,542	10,104	8,222	9,345	17,777	16,053	15,345	15,339	13,782
TMP		℃	0	1	187.64	187.08	187.44	187.51	186.55	186.30	186.06	186.07	185.78	184.04	175.87	168.43	170.36	175.35	179.27	183.04
TM1		℃	0	1	1,035.82	1,103.19	1,082.91	1,064.75	1,040.12	1,027.14	1,005.54	1,026.89	958.55	865.07	982.50	1,115.71	1,085.54	1,124.73	1,138.09	1,102.63
TM3		℃	0	1	35.78	35.78	35.78	35.79	35.79	35.78	35.78	35.79	35.79	35.79	35.79	35.79	35.79	35.79	35.79	35.79