9월 19일 굴뚝별 트랜드

					09-19 00:00	09-19 00:30	09-19 01:00	09-19 01:30	09-19 02:00	09-19 02:30	09-19 03:00	09-19 03:30	09-19 04:00	09-19 04:30	09-19 05:00	09-19 05:30	09-19 06:00	09-19 06:30	09-19 07:00	09-19 07:30
TSP	20	mg/Sm³	12	1	5.58	11.24	11.83	11.43	11.82	11.22	11.22	11.02	5.38	10.63	10.63	10.63	10.62	10.62	10.62	10.62
SOx	30	ppm	12	1	44.87	103.50	82.35	93.00	105.00	91.20	84.00	71.10	23.91	45.00	45.45	40.95	40.50	42.75	38.40	41.25
NOx	70	ppm	12	1	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HCl	15	ppm	12	1	21.20	44.10	44.10	43.50	46.20	45.30	40.20	38.40	13.85	28.95	28.35	27.30	28.05	27.30	28.50	26.85
CO	50	ppm	12	1	0.77	1.80	2.55	1.80	2.70	4.05	3.30	3.15	0.17	1.05	1.05	1.80	1.80	1.80	1.80	1.20
O_2		%	0	0.1	20.92	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.91	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	21.25	21.19	21.17	21.10	20.92	20.86	20.83	20.81	20.77	20.79	20.75	20.68	20.62	20.54	20.48	20.49
TM1		℃	0	1	24.67	24.53	24.61	24.50	24.64	24.55	24.50	24.65	24.63	24.32	24.18	24.30	24.33	24.35	24.19	24.55
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

					09-19 08:00	09-19 08:30	09-19 09:00	09-19 09:30	09-19 10:00	09-19 10:30	09-19 11:00	09-19 11:30	09-19 12:00	09-19 12:30	09-19 13:00	09-19 13:30	09-19 14:00	09-19 14:30	09-19 15:00	09-19 15:30
TSP	20	mg/Sm³	12	1	4.98	9.44	9.45	9.45	9.07	8.48	8.69	9.30	6.34	9.50	10.30	9.51	10.10	9.10	9.92	9.88
SOx	30	ppm	12	1	18.23	39.15	48.00	53.85	60.45	67.80	67.35	79.50	16.71	40.50	38.55	35.85	35.85	28.12	25.43	23.13
NOx	70	ppm	12	1	13.50	0.45	1.80	2.55	0.00	198.45	121.65	223.50	0.50	88.65	0.00	66.45	0.00	0.00	0.00	0.00
HCl	15	ppm	12	1	12.60	24.15	25.05	24.75	24.30	26.85	29.40	29.55	11.56	24.60	24.00	23.25	23.85	26.28	27.34	27.07
CO	50	ppm	12	1	0.00	0.90	0.90	0.90	1.80	3.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O_2		%	0	0.1	20.92	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.94	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	828	0	0	0	0	0	0	0
TMP		℃	0	1	20.50	20.61	20.75	20.90	21.16	21.30	21.76	22.15	22.53	22.50	22.67	22.79	22.82	22.91	23.17	23.23
TM1		℃	0	1	24.38	24.53	24.42	24.32	24.19	24.33	24.41	24.48	24.47	24.31	24.23	24.43	24.40	24.17	24.38	24.49
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

					09-19 16:00	09-19 16:30	09-19 17:00	09-19 17:30	09-19 18:00	09-19 18:30	09-19 19:00	09-19 19:30	09-19 20:00	09-19 20:30	09-19 21:00	09-19 21:30	09-19 22:00	09-19 22:30	09-19 23:00	09-19 23:30
TSP	20	mg/Sm³	12	1	5.57	10.86	13.97	15.49	16.28	13.94	13.89	11.50	8.62	9.84	9.69	8.98	8.84	9.47	9.47	9.87
SOx	30	ppm	12	1	16.47	35.71	48.66	48.38	31.80	25.90	25.55	32.97	25.47	37.32	39.15	38.55	37.95	34.35	34.20	38.25
NOx	70	ppm	12	1	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.67	43.47	44.40	52.35	48.60	51.30	51.60	57.60
HCl	15	ppm	12	1	12.81	26.18	34.64	47.78	50.40	46.30	50.45	41.41	17.17	22.42	21.15	22.20	22.95	23.10	24.90	29.40
CO	50	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	0.90	1.35	1.80	1.80	2.55
O_2		%	0	0.1	20.96	20.91	20.93	20.96	20.98	20.95	20.98	20.96	20.98	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	23.36	23.50	23.55	23.50	23.27	23.19	23.04	22.53	18.32	15.56	16.23	18.22	20.10	21.31	21.57	21.63
TM1		℃	0	1	24.34	24.55	24.47	24.43	24.30	24.41	24.42	24.34	24.29	24.37	24.33	24.39	24.39	24.27	24.42	24.17
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

9월 20일 굴뚝별 트랜드

					09-20 00:00	09-20 00:30	09-20 01:00	09-20 01:30	09-20 02:00	09-20 02:30	09-20 03:00	09-20 03:30	09-20 04:00	09-20 04:30	09-20 05:00	09-20 05:30	09-20 06:00	09-20 06:30	09-20 07:00	09-20 07:30
TSP	20	mg/Sm³	12	1	4.80	10.46	10.07	10.27	10.27	9.67	11.35	11.26	6.45	11.81	9.09	8.52	11.62	12.96	12.38	8.35
SOx	30	ppm	12	1	14.56	28.95	39.75	28.05	27.45	27.30	28.35	25.05	17.10	33.60	34.65	35.10	37.05	35.40	34.35	32.40
NOx	70	ppm	12	1	28.77	38.25	38.25	35.85	40.20	45.30	48.45	51.30	51.90	79.95	73.95	73.65	85.95	97.05	100.65	135.00
HCl	15	ppm	12	1	11.70	22.65	28.80	26.40	25.95	27.00	27.90	28.05	12.00	22.50	24.60	25.65	25.35	25.95	27.00	27.15
CO	50	ppm	12	1	2.57	5.40	5.40	5.40	5.40	5.40	5.40	5.40	1.37	3.60	3.60	3.30	4.20	4.50	4.50	5.40
O_2		%	0	0.1	20.95	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.94	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	21.58	21.67	21.70	21.68	21.65	21.60	18.89	16.68	16.04	15.95	15.66	15.93	16.02	15.69	15.59	16.94
TM1		℃	0	1	24.36	24.41	24.35	24.07	24.21	24.49	24.15	24.36	24.40	24.45	24.12	24.51	24.29	24.13	24.34	24.23
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

					09-20 08:00	09-20 08:30	09-20 09:00	09-20 09:30	09-20 10:00	09-20 10:30	09-20 11:00	09-20 11:30	09-20 12:00	09-20 12:30	09-20 13:00	09-20 13:30	09-20 14:00	09-20 14:30	09-20 15:00	09-20 15:30
TSP	20	mg/Sm³	12	1	6.46	10.27	9.13	7.80	8.24	8.00	5.94	7.12	7.37	0.83	0.08	0.07	0.07	0.06	0.07	0.10
SOx	30	ppm	12	1	18.33	36.30	35.55	38.10	41.10	27.60	10.20	20.40	16.21	7.85	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	92.64	159.00	141.60	143.25	171.75	11.70	0.00	0.00	0.02	1.69	17.87	19.90	20.68	21.39	21.80	22.34
HCl	15	ppm	12	1	11.70	23.55	25.65	25.95	26.10	25.88	25.80	25.95	12.30	3.82	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	1.22	3.60	2.10	1.80	2.25	8.50	5.70	3.60	1.51	600.95	249.07	194.97	165.82	146.87	143.98	144.48
O_2		%	0	0.1	20.94	20.90	20.90	20.90	20.90	20.89	20.90	20.90	20.95	18.84	13.33	12.83	12.98	13.16	13.00	12.84
FL1		Sm³	12	10	0	0	0	0	0	29	4	0	3	11	12	8	165	97	107	79
TMP		℃	0	1	16.60	16.12	16.93	17.91	19.86	21.37	22.32	22.14	22.40	23.22	24.13	24.87	26.05	27.69	29.97	33.38
TM1		℃	0	1	24.21	24.13	24.35	24.30	24.11	24.12	24.07	24.28	25.25	167.96	319.84	342.91	345.87	357.80	364.33	375.75
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

					09-20 16:00	09-20 16:30	09-20 17:00	09-20 17:30	09-20 18:00	09-20 18:30	09-20 19:00	09-20 19:30	09-20 20:00	09-20 20:30	09-20 21:00	09-20 21:30	09-20 22:00	09-20 22:30	09-20 23:00	09-20 23:30
TSP	20	mg/Sm³	12	1	0.13	0.19	0.26	0.27	0.28	0.27	0.26	0.16	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18
SOx	30	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
NOx	70	ppm	12	1	23.88	27.72	28.46	27.27	26.35	25.48	25.09	32.21	37.17	36.55	37.29	37.39	37.89	38.58	38.44	38.58
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	138.68	146.68	128.44	128.67	130.60	138.46	127.31	11.15	2.74	2.03	1.59	1.33	1.09	0.95	0.86	0.74
O_2		%	0	0.1	14.26	12.53	13.30	13.20	13.08	13.04	12.74	10.83	13.25	11.45	11.50	11.51	11.53	11.63	11.63	11.64
FL1		Sm³	12	10	56	497	890	762	710	544	717	2,305	2,108	2,162	2,153	2,145	2,140	2,119	2,125	2,127
TMP		℃	0	1	37.39	40.78	43.57	45.03	45.97	46.60	46.73	47.01	47.75	48.56	49.18	49.27	49.19	49.05	48.54	48.06
TM1		℃	0	1	381.33	383.07	383.89	386.31	388.73	390.51	416.37	499.55	519.31	529.99	535.78	541.31	544.59	540.23	545.27	548.05
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

9월 21일 굴뚝별 트랜드

					09-21 00:00	09-21 00:30	09-21 01:00	09-21 01:30	09-21 02:00	09-21 02:30	09-21 03:00	09-21 03:30	09-21 04:00	09-21 04:30	09-21 05:00	09-21 05:30	09-21 06:00	09-21 06:30	09-21 07:00	09-21 07:30
TSP	20	mg/Sm³	12	1	0.18	0.18	0.20	0.21	0.21	0.24	0.38	0.49	0.52	0.57	0.60	0.57	0.62	0.82	0.54	0.69
SOx	30	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	10.66	17.25
NOx	70	ppm	12	1	39.78	38.99	38.98	38.72	38.07	33.83	30.62	27.27	23.01	21.07	18.22	15.07	13.80	20.85	43.94	25.75
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	0.11	12.16
CO	50	ppm	12	1	0.65	0.60	0.52	0.54	0.55	0.71	0.91	1.08	0.97	0.98	0.97	0.82	0.80	2.62	74.89	124.75
O_2		%	0	0.1	13.47	11.66	11.53	11.60	11.89	11.76	12.17	12.82	14.39	12.73	12.70	12.15	12.40	11.57	6.54	7.22
FL1		Sm³	12	10	2,089	2,126	2,153	2,132	2,063	2,073	2,388	2,309	2,464	2,345	2,175	2,181	1,963	4,141	11,725	12,960
TMP		℃	0	1	47.89	47.80	49.00	50.34	51.06	53.84	73.49	92.51	101.46	106.92	110.63	113.64	115.67	119.61	137.65	155.96
TM1		℃	0	1	549.82	550.09	550.41	555.41	553.68	557.60	555.07	549.92	550.93	548.51	551.00	547.11	543.77	670.12	915.93	928.77
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

					09-21 08:00	09-21 08:30	09-21 09:00	09-21 09:30	09-21 10:00	09-21 10:30	09-21 11:00	09-21 11:30	09-21 12:00	09-21 12:30	09-21 13:00	09-21 13:30	09-21 14:00	09-21 14:30	09-21 15:00	09-21 15:30
TSP	20	mg/Sm³	12	1	0.60	0.40	0.45	0.52	0.55	0.46	0.47	0.45	0.60	0.47	0.39	0.42	0.37	0.37	0.41	0.47
SOx	30	ppm	12	1	12.06	16.53	9.57	6.82	10.06	8.68	1.95	0.38	0.00	0.00	0.44	0.86	13.11	6.86	0.00	0.39
NOx	70	ppm	12	1	33.22	38.48	36.81	38.37	59.36	62.71	37.71	17.60	24.67	19.07	13.53	0.00	30.51	16.84	17.26	14.41
HCl	15	ppm	12	1	9.91	10.35	11.10	11.15	11.62	12.81	7.69	5.44	6.95	6.52	3.35	0.44	14.72	9.55	5.27	5.38
CO	50	ppm	12	1	128.80	39.83	4.06	7.10	4.65	0.58	0.92	4.45	1.28	1.11	2.17	0.01	37.02	18.90	3.54	10.49
O_2		%	0	0.1	8.62	5.51	6.03	6.33	6.06	6.01	6.70	5.98	9.45	6.50	13.59	11.57	8.36	13.25	5.92	5.75
FL1		Sm³	12	10	11,129	12,755	12,018	11,747	12,738	12,849	12,354	13,158	10,234	12,742	15,131	16,024	15,958	15,879	14,957	14,061
TMP		℃	0	1	167.16	166.36	173.81	177.67	179.25	180.31	180.44	180.05	180.31	180.87	181.21	181.99	182.23	181.97	183.03	182.60
TM1		℃	0	1	1,014.42	1,024.31	1,018.43	1,012.03	1,023.96	1,029.65	1,010.59	1,031.17	1,022.53	1,031.81	1,015.12	1,020.06	1,015.56	1,013.93	1,017.67	1,022.85
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.10	36.10	36.09	36.10	36.11	36.10	36.09	36.09	36.09	36.10	36.12

					09-21 16:00	09-21 16:30	09-21 17:00	09-21 17:30	09-21 18:00	09-21 18:30	09-21 19:00	09-21 19:30	09-21 20:00	09-21 20:30	09-21 21:00	09-21 21:30	09-21 22:00	09-21 22:30	09-21 23:00	09-21 23:30
TSP	20	mg/Sm³	12	1	0.59	0.51	0.43	0.44	0.43	0.46	0.45	0.47	0.61	0.48	0.45	0.43	0.47	0.43	0.46	0.45
SOx	30	ppm	12	1	1.14	0.65	0.86	0.00	0.55	0.28	2.04	2.91	0.09	0.00	0.08	0.00	0.01	1.46	0.17	0.00
NOx	70	ppm	12	1	17.52	14.73	14.53	13.76	15.46	15.67	17.11	16.47	27.66	19.77	18.12	18.52	17.48	16.66	13.91	17.13
HCl	15	ppm	12	1	9.53	7.92	6.37	3.92	3.54	3.64	4.63	8.46	9.41	4.66	4.11	3.01	2.71	6.60	6.49	5.04
CO	50	ppm	12	1	9.36	0.89	11.69	0.86	15.54	9.47	5.31	16.68	1.17	1.00	25.70	1.74	3.81	24.16	8.74	5.76
O_2		%	0	0.1	8.62	6.22	5.78	6.05	5.48	5.74	5.74	6.98	9.46	7.11	6.18	5.46	6.53	5.68	6.09	5.81
FL1		Sm³	12	10	11,167	13,727	14,164	13,871	14,567	14,242	14,125	12,837	10,162	12,587	13,556	14,444	13,440	14,318	13,781	14,410
TMP		℃	0	1	183.05	182.81	181.80	181.08	180.62	180.19	180.08	179.25	179.81	180.10	180.44	180.92	181.21	181.22	181.51	181.70
TM1		℃	0	1	1,013.99	1,006.79	1,023.31	1,016.93	1,034.75	1,042.31	1,041.13	1,002.11	1,031.22	1,004.80	1,035.35	1,058.89	1,020.07	1,041.67	1,019.95	1,019.93
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13