

WATER QUALITY DATA JUNE 2019

stationcode	SamplingDate	SamplingTime	NameofMonitoringStation	TypeofWaterBody	NameOfWaterBody	NameofMonitoringAgency
17	11.06.19	11:00	R.Periyar Near Aluva- Eloor	River	Periyar River	Kerala S.P.C.B.
18	19.06.19	11:35	R.Periyar At Kalady	River	Periyar River	Kerala S.P.C.B.
20	14.06.19	12:10	Chaliyar At Koolimadu	River	Chaliyar River	Kerala S.P.C.B.
21	14.06.19	11:15	Chaliyar At Chungapilli	River	Chaliyar River	Kerala S.P.C.B.
42	12.06.19	9:20	Kallada At Perumthottam Kadavu	River	Kallada River	Kerala S.P.C.B.
43	04.06.19	10:40	Muvattupuzha At Vettikattumukku	River	Muvattupuzha River	Kerala S.P.C.B.
1154	19.06.19	12:20	Chalakudy At Pulickal Kadavu	River	Chalakudy River	Kerala S.P.C.B.
1155	19.06.19	8:50	Karamana At Moonnattumukku	River	Karamana River	Kerala S.P.C.B.
1156	10.06.19	07:30	Pamba At Chengannur	River	Pamba River	Kerala S.P.C.B.
1207	01.06.19	11:30	Kabani At Muthankara	River	Kabani River	Kerala S.P.C.B.
1208	11.06.19	12:50	Bhavani At Elachivazhi	River	Bhavani River	Kerala S.P.C.B.
1338	19.06.19	10:30	Periyar At SDP Aluva	River	Periyar River	Kerala S.P.C.B.
1339	03.06.19	10:45	Meenachil At Kidangoor	River	Meenachil River	Kerala S.P.C.B.
1340	01.06.19	8:05	Manimala At Kallooppara	River	Manimala River	Kerala S.P.C.B.
1341	10.06.19	07:30	Pamba At Thakazhi	River	Pamba River	Kerala S.P.C.B.
1342	04.06.19	09:12	Achencovil At Thumpamon	River	Achencovil River	Kerala S.P.C.B.
1383	07.06.19	8:40	Oruvathilkotta	Lake	Oruvathilkotta Lake	Kerala S.P.C.B.
1384	01.06.19	08:35	Manimala At Thondara	River	Manimala River	Kerala S.P.C.B.
1385	07.06.19	8:20	Sasthamkotta	Lake	Sasthamkotta Lake	Kerala S.P.C.B.
1441	11.06.19	10:00	Ashtamudi At Kollam	Lake	Ashtamudi Lake	Kerala S.P.C.B.
1442	11.06.19	8:10	Vamanapuram	River	Vamanapuram River	Kerala S.P.C.B.
1443	04.06.19	8:40	Achencovil At Chennithala	River	Achencovil River	Kerala S.P.C.B.
1563	13.06.19	8:50	Amaravila	River	Neyyar River	Kerala S.P.C.B.
1564	01.06.19	09:30	Ithikkara At Ayur	River	Ithikkara River	Kerala S.P.C.B.
1565	10.06.19	07:30	Pampa Down (Parumala)	River	Pamba River	Kerala S.P.C.B.
1566	01.06.19	10:30	Kadalundi At Thirurangadi	River	Kadalundi River	Kerala S.P.C.B.
1567	04.06.19	11:45	Kuttiyadi at Kuttiyadi Estate	River	Kuttiyadi River	Kerala S.P.C.B.
1568	04.06.19	10:45	Mahi At Valayam	River	Mahi River	Kerala S.P.C.B.

1569	01.06.19	08:00	Kuppam At Thaliparamba	River	Kuppam River	Kerala S.P.C.B.
1570	04.06.19	10.20	Neeleswaram At Hosdurg	River	Neeleswaram River	Kerala S.P.C.B.
1571	04.06.19	11:40	Karingod At Kakkadavu	River	Karingod River	Kerala S.P.C.B.
1572	25.06.19	12:30	Chandragiri At Padiyathadka	River	Chandragiri River	Kerala S.P.C.B.
1573	07.06.19	11:30	Chithrapuzha At Irumpanam	River	Chithrapuzha River	Kerala S.P.C.B.
1574	01.06.19	8:27	Paravur	Lake	Paravur Lake	Kerala S.P.C.B.
1575	11.06.19	10:15	Vembanadu Oil Tanker Jetty	Lake	Vembanadu Lake	Kerala S.P.C.B.
1576	14.06.19	1:06	Thekkady	Lake	Thekkady Dam	Kerala S.P.C.B.
1577	11.06.19	12:00	Kodungalloor	Lake	Kodungalloor Lake	Kerala S.P.C.B.
1578	03.06.19	08:30	Kayamkulam	Lake	Kayamkulam Lake	Kerala S.P.C.B.
1579	17.06.19	08:50	Punnamada	Lake	Punnamada Lake	Kerala S.P.C.B.
1580	01.06.19	12:45	Pookote At Pookote	Lake	Pookote Lake	Kerala S.P.C.B.
2284	13.06.19	8:40	Neyyar At Aruvippuram	River	Neyyar River	Kerala S.P.C.B.
2285	11.06.19	8:20	Mammom At Mammom Bridge	River	Mammom River	Kerala S.P.C.B.
2286	11.06.19	8:10	Ayiroor river At Ayiroor	River	Ayiroor River	Kerala S.P.C.B.
2287	01.06.19	07:15	Ithikkara At Ithikkara	River	Ithikkara River	Kerala S.P.C.B.
2288	11.06.19	8:55	Pallickal At Nellimugal	River	Pallickal River	Kerala S.P.C.B.
2289	07.06.19	11:00	Karuvannur At Karuvannur Bridge	River	Karuvannur River	Kerala S.P.C.B.
2290	10.06.19	12:30	Puzhakkal At Puzhakkal Bridge	River	Puzhakkal River	Kerala S.P.C.B.
2291	10.06.19	11:20	Keecheri At Vadakkancherry	River	Keecheri River	Kerala S.P.C.B.
2292	03.06.19	10:15	Thirur At Thalakadathur	River	Thirur River	Kerala S.P.C.B.
2293	10.06.19	11:00	Kadalundi At Hajiyarppalli	River	Kadalundi River	Kerala S.P.C.B.
2294	01.06.19	12:10	Kallai At Kallai Bridge	River	Kallai River	Kerala S.P.C.B.
2295	07.06.19	9:47	Korapuzha At Kanayankode	River	Korapuzha River	Kerala S.P.C.B.
2296	12.06.19	11:15	Thalassery At Pathippalam	River	Thalassery River	Kerala S.P.C.B.
2297	12.06.19	10:10	Ancharakandy At Meruvamba	River	Ancharakandy River	Kerala S.P.C.B.
2298	01.06.19	10:15	Kuppam At Rayoram	River	Kuppam River	Kerala S.P.C.B.
2299	07.06.19	8:05	Ramapuram At Ramapuram Bridge	River	Ramapuram River	Kerala S.P.C.B.
2300	07.06.19	10:10	Peruvamba At Chandappura	River	Peruvamba River	Kerala S.P.C.B.
2301	07.06.19	9:15	Kavvai At Kuttiyolpalam	River	Kavvai River	Kerala S.P.C.B.
2302	04.06.19	10.00	Neeleswaram At Nambiarkal Dam	River	Neeleswaram River	Kerala S.P.C.B.
2303	25.06.19	01.30	Pullur At Pullur Bridge	River	Pullur River	Kerala S.P.C.B.
2304	22.06.19	11:30	Mogral At Mogral Bridge	River	Mogral River	Kerala S.P.C.B.

2305	25.06.19	11.30	Shriya At Angadimogaru	River	Shriya River	Kerala S.P.C.B.
2306	22.06.19	12:15	Uppala At Uppala Bridge	River	Uppala River	Kerala S.P.C.B.
2307	22.06.19	01.00	Manjeswaram At Bajarakkara Bridge	River	Manjeswaram River	Kerala S.P.C.B.
2312	17.06.19	9:10	Vembanad At Pathiramanal	Lake	Vembanad Lake	Kerala S.P.C.B.
2318	04.06.19	11:40	RSVR Pazhassi	RSVR	Pazhassi RSVR	Kerala S.P.C.B.
2319	12.06.19	09:00	Ancharakandi At Ancharakandi	River	Ancharakandi River	Kerala S.P.C.B.
2325	19.06.19	8:10	Pond At Sreepadmanabha swamy Temple	Pond	Pond	Kerala S.P.C.B.
2326	RIVER DRY		Korayar At Kanjikode	River	Korayar River	Kerala S.P.C.B.
2328	07.06.19	10:25	RSVR At Malampuzha	RSVR	Malampuzha RSVR	Kerala S.P.C.B.
2329	12.06.19	12:30	Bhoothathankettu	RSVR	Bhoothathankettu RSVR	Kerala S.P.C.B.
2330	12.06.19	11:30	Edamalayar	RSVR	Edamalayar RSVR	Kerala S.P.C.B.
2331	12.06.19	02:05	Bharathapuzha At Kuttipuram	River	Bharathapuzha River	Kerala S.P.C.B.
2332	12.06.19	12.50	Bharathapuzha At Pattambi	River	Bharathapuzha River	Kerala S.P.C.B.
2333	18.06.19	11:20	Periyar At Muppathadam	River	Periyar River	Kerala S.P.C.B.
2334	18.06.19	10:30	Periyar At Pathalam(Vettukadavu)	River	Periyar River	Kerala S.P.C.B.
2335	18.06.19	11:50	Periyar At Kalamassery	River	Periyar River	Kerala S.P.C.B.
2336	11.06.19	12:51	Periyar At Purappillikkadavu	River	Periyar River	Kerala S.P.C.B.
2337	07.06.19	11:00	Kadambayar At Brahmapuram	River	Kadambayar River	Kerala S.P.C.B.
2338	07.06.19	10:30	Kadambayar At Manackakadavu	River	Kadambayar River	Kerala S.P.C.B.
3458	01.06.19	10:50	karapuzha dam at wayanad	River	Karapuzha River	Kerala S.P.C.B.
3459	03.06.19	3:10	Maniyankode puzha at maniyankode bridge	River	Maniyankode River	Kerala S.P.C.B.
3460	RIVER DRY		Kalpathi puzha at Kalpathi,Palakkad	River	Kalpathi River	Kerala S.P.C.B.
3461	01.06.19	11:30	Kanoli Canal at Eranjikkal,Kazhikode	canal	Kanoli Canal	Kerala S.P.C.B.
3462	01.06.19	10:50	Mananchira pond at Kozhikode	Pond	Mananchira Pond	Kerala S.P.C.B.
3464	13.06.19	1:00	Chaliyar at Nilambur,Malappuram	River	Chaliyar River	Kerala S.P.C.B.
3465	18.06.19	10:05	Achenkoil at Kallarakadavu,Pathanamthitta	River	Achancovil River	Kerala S.P.C.B.
3466	04.06.19	9:20	Achenkoil at Pandalam,Pathanamthitta	River	Achancovil River	Kerala S.P.C.B.
3467	18.06.19	11:00	Unthithodu at Eloor,Ernakulam	canal	Unthithodu	Kerala S.P.C.B.
3468	19.06.19	11:00	Periyar at KWA intake,Aluva,Ernakulam	River	Periyar River	Kerala S.P.C.B.
3469	12.06.19	9:00	Palakkatuthazhamthodu at Perumbavoor	canal	Palakkatuthazhamthodu Canal	Kerala S.P.C.B.
3470	13.06.19	8:50	Vellayani lake at Vandithadom,Trivandrum	Lake	Vellayani lake	Kerala S.P.C.B.
3471	19.06.19	8:10	River Karamana at Aruvikara	River	River Karamana	Kerala S.P.C.B.
3473	04.06.19	09:10	River Valapattanam at Parassinikkadavu	River	River Valapattanam	Kerala S.P.C.B.

stationcode	FrequencyOfMonitoringStation	Weather	DepthofWaterBody	Colour	Odor	WaterTemperature	DissolvedOxygen	pH	Conductivity	BOD	NitrateN	FecalColiform	TotalColiform	Turbidity	PhenolphthaleinAlkalinity
17	Monthly	Cloudy	>100cm	Clear	None	30	4.4	6.6	5470	2.3	0.78	1700	2800	0.2	0
18	Monthly	Cloudy	>100cm	Clear	None	29	5.1	6.9	56	2.6	0.30	430	1100	0.7	0
20	Monthly	Clear	>100cm	Clear	None	28	6.8	7.2	66	0.50	0.12	1700	2100	0	0
21	Monthly	Clear	>100cm	Clear	None	27	7.5	7.2	140	1.4	0.30	940	1100	0	0
42	Monthly	Clear	>100cm	Turbid	Fishy	22	6.6	6.8	114	1.8	0.66	220	380	0	0
43	Monthly	Clear	>100cm	Clear	None	31	6.4	7.4	86	0.2	0.27	1750	3600	2	0
1154	Monthly	Clear	>100cm	Clear	None	30	6.9	6.7	114	2.6	0.40	700	2100	0.7	0
1155	Monthly	Clear	>100cm	Turbid	H2S	32	0.8	6.7	480	6.8	1.20	13600	55000	12.1	0
1156	Monthly	Clear	>100cm	Clear	None	28	6.1	6.4	47	0.8	0.32	310	530	3.8	0
1207	Monthly	Clear	>100cm	Turbid	None	32	7.3	6.7	136	0.6	0.13	44	196	0	0
1208	Monthly	Clear	>50cm	Clear	None	28	7.4	7.8	254	0.5	0.42	170	220	0	0
1338	Monthly	Clear	>100cm	Clear	None	28	6.2	7.0	78	2.1	0.29	2400	6300	0.7	0
1339	Monthly	Clear	>100cm	Clear	None	30	6.4	7.2	97	0.3	0.41	1900	3050	1.7	0
1340	Monthly	Clear	>100cm	Clear	None	29	6.5	7.5	330	3.0	0.03	240	400	0	0
1341	Monthly	Clear	>100cm	Clear	None	29	3.9	6.7	89	2.0	0.15	170	360	4.6	0
1342	Monthly	Clear	>100cm	Green	None	20	5.5	6.8	128	2.0	0.82	200	420	0	0
1383	Monthly	Clear	>100cm	Turbid	Brown	30	1.2	6.5	420	4.3	0.1	500	1300	0	0
1384	Monthly	Clear	>100cm	Clear	None	29	5.8	7.6	274	2.4	0.05	350	700	0	0
1385	Monthly	Clear	>100cm	Clear	None	22	6.6	6.6	128	2.0	0.60	200	360	0	0
1441	Monthly	Clear	>100cm	Turbid	Fishy	21	4.0	7.6	18800	3.4	2.80	680	920	0	0
1442	Monthly	Clear	>100cm	Clear	None	30	5.3	6.9	128	3.8	0.1	100	400	4.3	0
1443	Monthly	Cloudy	>100cm	Green	None	21	5.3	6.5	130	2.4	0.78	280	470	1.2	0
1563	Monthly	Clear	>100cm	Clear	None	31	6.5	6.7	121	3.9	0	600	1400	1.7	0
1564	Monthly	Clear	50-100 cm	Turbid	Fishy	21	6.2	7.1	128	2.0	0.96	110	350	0	0
1565	Monthly	Clear	>100cm	Clear	None	28	5.1	6.6	61	1.2	0.27	190	410	3.1	0
1566	Monthly	Clear	>100cm	Clear	None	32	4.0	6.7	133	1.3	0.02	27	56	0	0
1567	Monthly	Clear	>100cm	Clear	None	31	8.6	7.7	31	0.5	0.500	200	400	0	0
1568	Monthly	Clear	>100cm	Clear	None	30	8.6	7.3	91	0.1	0.42	490	840	0	0

1569	Monthly	Clear	>100cm,	Turbid	None	31	5.1	7.3	41800	1.7	0.300	120	560	1.3	0.0
1570	Monthly	Clear	>100cm	Clear	None	32	6.3	7.4	706	1.7	0.6	140	540	0.2	0
1571	Monthly	Clear	>100cm	Clear	None	30	7.4	7.6	66	1.8	0.5	79	150	0.3	0
1572	Monthly	Clear	>100cm	Turbid	None	30	7.5	6.5	65	2.8	0.3	32	170	3.4	0
1573	Monthly	Clear	>100cm	Clear	None	30	3.6	6.4	2370	1.3	6.0	4300	7000	0.4	0
1574	Monthly	Clear	>100cm	Turbid	Fishy	20	5.7	7.6	12950	2.0	1.4	150	390	0	0
1575	Monthly	Cloudy	>100cm	Turbid	None	29	3.6	7.0	17930	2.9	2.02	7000	14000	0.3	0
1576	Monthly	Clear	>100cm	Clear	None	27	6.3	7.5	60.0	0.4	0.04	750	1100	1.2	0
1577	Monthly	Rainy	>100cm	Clear	None	29	5.3	7.2	13990	2.0	0.59	840	1700	0.0	0
1578	Monthly	Rainy	>100cm	Clear	None	30	5.1	8.0	47400	2.9	0.03	2	20	0.0	0
1579	Monthly	Rainy	>100cm	Clear	None	29	5.4	7.2	2700	2.6	0.09	260	500	0.6	0
1580	Monthly	Clear	>100cm	Turbid	None	34	7.1	6.8	36	1.4	0.13	34	102	0	0
2284	Monthly	Clear	>100cm	Clear	None	31	6.9	6.4	116	2.5	0.1	100	200	1.2	0
2285	Monthly	Clear	>100cm	Clear	None	30	4.6	6.7	160	4.0	0.01	600	700	4.3	0
2286	Monthly	Clear	>100cm	Clear	None	30	3.5	6.5	138	1.6	0.1	100	700	5.1	0
2287	Monthly	Clear	>100cm	Turbid	Fishy	21	6.0	7.2	9410	1.6	1.50	180	430	0	0
2288	Monthly	Clear	50-100cm	Clear	None	20	6.3	6.7	124	2.0	0.72	120	390	0	0
2289	Monthly	Clear	>100cm	Clear	None	28	6.6	6.2	65	1.7	0.01	100	490	0.5	0
2290	Monthly	Clear	>100cm	Clear	None	29	6.9	6.7	168	1.4	0.42	100	630	0.2	0
2291	Monthly	Clear	>100cm	Clear	None	30	6.9	6.6	169	2.1	0.03	200	490	9.5	0
2292	Monthly	Clear	>100cm	Clear	None	32	4.3	6.0	13200	1.3	1.23	20	40	3.2	0
2293	Monthly	Clear	>100cm	Clear	None	32	6.0	7.0	135	1.4	0.46	32	61	0	0
2294	Monthly	Clear	50-100cm	Green	Other	28	4.8	7.9	48000	2.0	0.61	1700	2000	0	0
2295	Monthly	Clear	>100cm	Clear	Fishy	32	4.1	7.3	27700.0	0.30	0.34	4600	5000	0	0
2296	Monthly	Clear	>100 cm	Turbid	None	28	3.5	6.4	115	2.1	0.080	10	140	3.2	0
2297	Monthly	Clear	>100cm	Turbid	None	28	4.3	7.1	135	0.5	0.3	63	270	2.5	0
2298	Monthly	Clear	>100cm	Turbid	None	32	6.8	7.3	125	1.5	0.100	32	310	0.6	0
2299	Monthly	Clear	>100 cm	Turbid	None	30	3.2	6.9	53500	0.9	0.23	24	120	0.4	0
2300	Monthly	Clear	>100cm	Turbid	None	29	4.8	7.3	1100	2.3	0.40	60	280	1.2	0
2301	Monthly	Clear	>100cm	Turbid	None	30	4.1	6.5	20700	2.1	0.25	120	650	0.9	0
2302	Monthly	Clear	>100cm	Clear	None	34	8.1	7.2	80	2.4	0.20	110	430	1.0	0
2303	Monthly	Clear	>100cm	Clear	None	30	7.8	6.3	45	2.9	0.20	26	140	2.6	0
2304	Monthly	Clear	>100cm	Clear	None	30	5.9	6.3	3451	1.6	0.2	60	170	3.1	0

2305	Monthly	Clear	50-100cm	Clear	None	30	7.5	6.5	65	2.8	0.32	56	200	2.6	0
2306	Monthly	Clear	>100cm	Clear	None	30	6.6	6.6	470	2.0	0.23	32	110	5.4	0
2307	Monthly	Clear	>50cm	Clear	None	29	7.4	6.4	97	2.9	0.60	20	79	10.0	0
2312	Monthly	Rainy	50-100cm	Clear	None	30	6.8	7.2	4100	3.1	0.04	10	100	0.0	0
2318	Monthly	Clear	>100cm	Clear	None	30	7.5	7.5	86.0	0.10	0.10	40	200	1.2	0
2319	Monthly	Clear	>100cm	Turbid	None	28	5.9	6.8	18570	1.1	0.05	84	580	2.2	0
2325	Monthly	Clear	>100cm	Clear	None	28	4.9	6.9	323	4.1	0.2	100	600	8.4	0
2326	Monthly	Clear	>100cm												
2328	Monthly	Clear	50-100cm	Clear	None	31	7.8	7.0	112	0.8	0.44	49	70	0	0
2329	Monthly	Clear	>100cm	Clear	None	28	6.6	7.5	41	1.5	0.32	380	630	0.3	0
2330	Monthly	Cloudy	>100cm	Clear	None	27	6.4	7.2	37	2.4	0.06	250	320	0.2	0
2331	Monthly	Clear	>50cm	Turbid	None	30	6.6	7.4	110	1.4	0.10	170	310	0	0
2332	Monthly	Clear	50-100cm	Turbid	None	31	6.3	7.4	240	1.8	0.10	84	120	0	0
2333	Monthly	Clear	>100cm	Clear	None	30	4.9	7.0	90	0.1	0.22	540	3400	0.3	0
2334	Monthly	Cloudy	>100cm	Clear	None	31	8.1	7.0	10440	0.4	0.48	400	1400	1.0	0
2335	Monthly	Clear	>100cm	Clear	None	29	5.4	6.8	115	0.3	0.32	350	3500	0.4	0
2336	Monthly	Windy	>100cm	Clear	None	29	6.1	7.1	118	2.6	0.36	2700	7000	0.0	0
2337	Monthly	Clear	>100cm	Turbid	None	30	1.8	6.6	128	2.3	0.54	84000	110000	1	0
2338	Monthly	Clear	>100cm	Turbid	None	30	2.2	6.9	148	2.4	0.62	700	1300	1.4	0
3458	Monthly	Clear	>100cm	Clear	None	29	6.5	6.7	125	0.4	0.13	14	112	0	0
3459	Monthly	Clear	>100cm	Turbid	None	31	4.8	7.6	137	2.4	0.13	60	152	0	0
3460	Monthly	Clear	>50cm	Clear	None										
3461	Monthly	Clear	50-100cm	Turbid	Fishy	30	6.4	7.7	40190	0.2	0.75	1100	1500	0	0
3462	Monthly	clear	>100cm	Clear	None	31	6.7	8.0	92	0.2	0.50	100	310	0	0
3464	Monthly	Clear	50-100cm	Clear	None	25	6.0	6.4	63	0.2	0.08	4100	4300	0	0
3465	Monthly	Clear	>100cm	Clear	None	21	6.7	6.8	120	2.2	0.86	310	500	0	0
3466	Monthly	Clear	>100cm	Clear	None	22	6.0	7.1	118	2.0	0.76	260	480	0	0
3467	Monthly	Cloudy	>100cm	Turbid	None	31	3.1	6.9	10910	1.2	2.10	4000	6300	0.8	0
3468	Monthly	Cloudy	>100cm	Clear	None	28	6.4	6.7	64	2.0	0.92	340	790	0.9	0
3469	Monthly	Cloudy	>100cm	Clear	None	27	2.6	6.8	110	2.2	0.78	4100	6300	0.9	0
3470	Monthly	Clear	>100cm	Turbid	None	31	1.1	6.2	120	6.0	0.1	100	400	4.1	0
3471	Monthly	Clear	50-100cm	Clear	None	32	5.0	6.3	186	3.8	0	500	600	0.8	0
3473	Monthly	Clear	>100cm	Clear	None	29	5.5	7.4	39500	1.7	0.03	16	50	1.1	0

station code	TotalAlkalinity	Chlorides	COD	TotalKjeldahl-N	AmoniaN	HardnessCaCo3	CalciumCaCo3	MagnesiumCaCo3	Sulphate	Sodium	TotalDissolvedSolids	TotalFixedSolids	TotalSuspendedSolids	Phosphate	Boron	Potassium	Flouride
17	80	1420	6.4	1.3	0	840	400	440	25.0	840	3000	2200	11	0.300	0.04	29.00	0.40
18	24	7	12	0	0	25	20	5	5.2	4.20	48	36	12	0	0	1.30	0.01
20	24	8	12	0	0	25	15	10	5.6	4.4	40	32	10	0	0	1.10	0.03
21	26	29	12	0	0	28	18	10	0	16.1	80	70	12	0	0	3.60	0.03
42	24	20	9.6	0	0	36	22	14	5.2	11.8	80	62	42	0	0	3.05	0
43	19	13	6.4	0.23	0	25	13	12	2.84	7.0	54	53	15	0	0	2.47	0
1154	24	16	12	1.5	0.60	40	30	10	14	9.27	80	60	12	0	0	1.88	0.030
1155	62	68	60	0	0	74	58	16	45	45.5	265	164	83	0	0	30	0
1156	10	8	3.2	0.1	0	16	10	6	4	4.4	32	27	22	0	0	0.53	0.20
1207	60	12	2	0	0	45	25	20	0	6.8	75	66	10	0	0.0	1.90	0
1208	96	5	4	0.00	0	156	78	78	70.0	2.7	140	120	10	0.01	0	0.50	0.60
1338	20	5	6.4	0.52	0.12	30	24	6	5.6	2.46	48	40	10	0	0	1.1	0.03
1339	21	14	9.6	0.21	0	24	9	15	2.20	7.6	56.0	55	13	0	0	3.170	0
1340	48	60	8	0	0	100	50	50	25	32	200	140	50	0	0	12.1	0.80
1341	11	13	9.6	0.20	0	28	16	12	8	7.3	52	46	40	0	0	0.98	0.30
1342	26	22	9.0	0	0	36	24	12	0	12.2	80	68	44	0	0	2.40	0
1383	80	48	40	0	0	112	87	25	23.0	25.1	230	215	120	0	0	21.70	0
1384	50	45	8	0	0	70	40	30	10.2	24.14	150	130	42	0	0	4.80	0.80
1385	18	24	6.8	0	0	28	18	10	0	12.6	76	40	30	0	0	3.0	0
1441	70	5400	68	0	0	2740	1940	800	100	2872	11000	9106	88	0	0	152.4	0
1442	16	26	64	0	0	13	8	5	0	18.7	75	68	48	0	0	6.1	0
1443	24	22	9.2	0	0	30	20	10	0	11.8	82	56	48	0	0	3.6	0
1563	15	22	84	0	0	22	18	4	5	12	71	54	19	0	0	7.8	0
1564	30	24	9.4	0	0	42	28	14	0	12.8	90	60	48	0	0	4.2	0
1565	11	9	6.4	0.15	0.00	24	14	10	6.2	5.2	40	34	29	0	0	0.69	0.3
1566	36	20	4.2	0	0	34	30	4	1.8	13.0	75	15	19	0	0	3.2	0
1567	6	5	10	0	0	7	3	4	0	3.35	18	10	10	0	0	0.42	0.06
1568	22	12	3.2	0.00	0.00	24	20	4	0	7.2	52	46	10	0	0	4.0	0.00

1569	96	17800	4.0	0.38	0.05	7500	1500	6000	345	9537	28500	18190	42	0	0.96	289.0	0.38
1570	27	188	8.0	0.55	0	95	45	50	13	100	425	310	24	0	2.68	4.5	0
1571	30	3	8	0.20	0	31	18	13	0.1	2	43	35	11	0	0	0.62	0
1572	20	8.0	8.0	0.34	0	24	15	9	1.0	4.2	40	35	22	0.000	0.01	1	0
1573	90	500	3.2	0.27	0	420	220	200	45	300	1300	1150	10	3.300	0	12	0.01
1574	32	4350	28	0	0	960	640	320	68	2300	7802	4410	58	0	0	148	0
1575	450	5500	12.0	1.72	0.09	2300	1250	1050	14.9	3280	11953	8970	12	0.500	0.03	128	0.57
1576	16	9	6.4	0.11	0	14	10	4	4.15	5.22	38	36.0	10	0	0	1.68	0.0
1577	300	4450	6.4	1.40	0.03	2100	900	1200	11.3	2589	9327	7200	10	0	0.06	7.53	0.4
1578	150	12500	80	0	0	5200	600	4600	543.3	6942	26200	20210	940	0	0	425.40	0.9
1579	40	660	80	0	0	320	120	200	95	380.2	1472	860	104	0	0	18.4	0.9
1580	6	6	2.0	0	0	9	5	4	2.6	3.3	20	15	10	0	0	0.60	0
2284	10	22	80	0	0	23	21	2	6.2	11.8	68	60	32	0	0	5.60	0
2285	30	27	88	0	0	36	25	11	0	14.3	94	69	47	0	0	7.70	0
2286	15	31	40	0	0	18	17	1	0	18.3	81	74	66	0	0	5.20	0
2287	36	3406	24	0	0	594	380	214	8	1800	6110	3842	64	0	0	82.00	0
2288	26	32	7.6	0	0	48	22	26	6	16.8	84	58	44	0	0	2.00	0
2289	18	9	6.4	0	0	20	12	8	4.0	5.0	40	22	13	0.06	0	1.03	0
2290	30	21	9.4	0	0	54	48	6	18.0	11.3	92	25	11	0.87	0	6.14	0
2291	40	23	12.6	0.9	0.67	56	24	32	12.4	12.4	100	50	13	0.76	0	3.96	0
2292	25	4000	4.2	0	0	1950	1500	450	120	2180	7593	6800	32	0	0	210	0
2293	32	18	5.6	0	0	44	25	19.0	2.0	10	75	65	17	0	0	1.30	0.00
2294	120	14400	10	0.43	0.21	3900	1800	2100	2600	8000	28500	24000	14.00	0.04	0	280	0.85
2295	56	8000	8	0	0	3000	800	2200	1400	4250	16000	11000	12	0	0	196	0.30
2296	27	13	6.4	0.65	0.6	28	22	6	6.00	7.6	65	54	29	0	0.01	3.40	0
2297	33	17	3.2	0.36	0.06	29	13	16	3.20	11.50	75	63	43	0	0	2.67	0
2298	25	15	4.0	0.70	0.6	35	15	20	8.6	10.5	70	66	10	0	0	1.10	0
2299	92	21000	3.2	0.82	0.42	8800	1600	7200	341.4	11424	34400	21298	37	0.01	0.41	328.00	0.4
2300	15	273	6.4	0.52	0.24	128	68	60	62.8	150.00	650	510	30	0	0.020	7.29	0.2
2301	16	4000	4	0.84	0.61	2140	340	1800	222.40	2209.0	8200	7800	36	0	0.47	68.20	0.05
2302	21	12	6.4	0.51	0	25	23	2	0.01	6.4	45	40	11	0	0.01	0.60	0
2303	17	4	8.0	0.20	0	20	17	3	2.1	2.2	31	28	25	0	0.00	0.4	0
2304	30	1120	7	0.40	0	400	95	305	21	628	2300	2100	31	0	0.16	23.2	0

2305	21	7	8.0	0.25	0	23	17	6	3	5	40	37	38	0	0.05	1	0
2306	54	111	3.0	0.51	0	65	38	27	1.1	64	285	250	28	0	0.06	6	0
2307	21	12	4.0	0.21	0	29	18	11	3	7.2	55	44	31	0	0.03	1.50	0
2312	60	1000	120	0.00	0	810	210	600	180.0	544.2	2300	1940	120	0	0	32.80	1
2318	27	8	3.2	0.18	0	23	16	7	3.8	4.6	52	44	19	0	0	0.89	0.070
2319	39	9600	4	0.28	0.11	3600	1400	2200	227.3	5400	16500	6580	12	0	0.70	79.00	0
2325	72	55	160	0.00	0	59	54	5	0	30.7	190	95	49	0	0	13.30	0
2326																	
2328	43	5	4	0.02	0	48	32	16	0.99	2.8	62	56	10	0.004	0	0.5	0.40
2329	15	2	3.2	0.37	0.03	22	10	12	1.9	1.43	28	22	10	0.0	0	1.04	0.02
2330	15	2	12.0	0.00	0	17	7	10	0	1.26	21	16	10	0.0	0.03	0.59	0.02
2331	40	7	4	0.01	0	50	30	20	8.2	4.2	65	54	10	0.020	0	2.20	0.70
2332	94	10	12	0.01	0	107	60	47	10.7	6	132	103	10	0.030	0	1.5	0.60
2333	24	6	3.2	0.16	0.01	28	19	9	4.8	3.37	50	42	10	0	0	2.02	0.210
2334	240	3250	3.2	1.52	0.46	1550	900	650	13.4	1650	6800	5900	20	0.60	0.12	5.60	0
2335	24	12	3.2	0.00	0	36	29	7	5.0	6.1	68	75	10	0	0	2.33	0.03
2336	20	16	12	0	0	29	15	14.0	3.40	8.72	65	55	10	0	0	1.92	0.210
2337	16	14	6.4	1.3	0.01	29	22	7	10.00	10.5	72	65	12	0	0	2.83	0.03
2338	22	16	6.4	1.2	0.020	35	30	5	9.1	10.40	82	75	15	0	0	3.40	0.04
3458	43	12	2.0	0	0	46	24	22	3.0	6.7	69	55	10	0	0	1.30	0
3459	46	16	2	0	0	55	31	24	4.2	8.5	92	80	10	0	0	2.70	0
3460																	
3461	70	11700	8	0	0	1900	1100	800	2100	7800	24850	20500	12	0	0	362	0.84
3462	29	12	8	0	0	30	25	5	0	7.7	54	47	10	0	0	0.70	0.15
3464	28	7	8	0	0	25	12	13	0.00	4.1	38	31	10	0	0	0.45	0.30
3465	20	32	11.4	0	0	40	26	14	10.4	17.0	84	48	42	0	0	3.8	0
3466	20	14	8.8	0	0	40	28	12	10	7.6	65	42	34	0	0	3.2	0
3467	200	3400	3.2	1.92	0.25	1850	600	1250	11.1	1842	7200	5762	16	0.1	0.02	65.9	0.46
3468	26	4	4.6	0	0	23	15	8	0	2.08	42	38	15	10	0	1.41	0.020
3469	26	8	4.6	1.5	0.2	31	20	11	4.2	4.42	60	45	12	0	0	4.75	0.02
3470	30	10	36	0	0	35	31	4	15	5.3	66	62	32	0	0	7.2	0
3471	40	35	24	0	0	47	40	7	6	18.4	109	31	18	0	0	3.7	0
3473	66	17000	6.4	0.24	0.06	7700	1900	5800	349	8967	27800	18655	21	0.002	0.21	276.0	0.3