LAMPIRAN

Lampiran 1. Perhitungan Intensitas Bangunan di Kawasan CBD

Kode Blok	Ketinggian Bangunan	Kepadatan Bangunan	KDB	KLB
Kawasan Tunjungan				
T0	7 - 9	2	71 - 90 %	>2
T1	4 - 6	2	51 - 70%	>2
T2	4 - 6	2	71 - 90 %	>2
T3	4 - 6	2	51 - 70%	>2
T4	1 - 3	2	71 - 90 %	0,51 - 1,0
T5	4 - 6	2	51 - 70%	>2
T6	1 - 3	2	51 - 70%	0,51 - 1,0
T7	1 - 3	2	51 - 70%	1,1 - 2,0
T8	1 - 3	3	71 - 90 %	1,1 - 2,0
T9	1 - 3	3	71 - 90 %	0,51 - 1,0
T10	1 - 3	3	51 - 70%	>2
T11	4 - 6	2	51 - 70%	>2
T12	1 - 3	2	51 - 70%	>2
T13	1 - 3	2	71 - 90 %	>2
T14	1 - 3	3	71 - 90 %	0,51 - 1,0
T15	1 - 3	3	71 - 90 %	0,51 - 1,0
T16	4 - 6	2	51 - 70%	>2
T17	1 - 3	2	51 - 70%	>2
T18	>9	2	31 - 50%	>2
T19	1 - 3	2	71 - 90 %	0,51 - 1,0
T20	4 - 6	1	51 - 70%	>2
T21	>9	1	51 - 70%	>2
T22	>9	2	51 - 70%	>2
T23	>9	3	51 - 70%	>2
T24	1 - 3	3	71 - 90 %	1,1 - 2,0
T25	1 - 3	3	71 - 90 %	0,51 - 1,0
T26	1 - 3	3	51 - 70%	0,51 - 1,0
T27	1 - 3	3	51 - 70%	>2
T28	1 - 3	3	< 30%	0,51 - 1,0
T29	1 - 3	3	71 - 90 %	0,51 - 1,0
T30	1 - 3	3	51 - 70%	1,1 - 2,0
T31	1 - 3	3	51 - 70%	0,51 - 1,0
T32	1 - 3	3	71 - 90 %	<0,5
T33	7 - 9	1	71 - 90 %	>2
T34	4 – 6	3	51 - 70%	>2
Kawasan Jembatan Merah				
J0	1 - 3	3	71 - 90 %	0,51 - 1,0
J1	1 - 3	2	71 - 90 %	0,51 - 1,0
J2	1 - 3	2	71 - 90 %	0,51 - 1,0
J3	1 - 3	3	71 - 90 %	0,51 - 1,0
J4	1 - 3	3	71 - 90 %	0,51 - 1,0
J5	1 - 3	3	71 - 90 %	1,1 - 2,0
J6	1 - 3	3	91 - 100%	1,1 - 2,0
J7	1 - 3	3	91 - 100%	1,1 - 2,0
J8	1 - 3	3	91 - 100%	0,51 - 1,0
J9	1 - 3	3	71 - 90 %	0,51 - 1,0
J10	1 - 3	3	71 - 90 %	1,1 - 2,0
J11	1 - 3	3	91 - 100%	1,1 - 2,0
J12	1 - 3	3	91 - 100%	1,1 - 2,0
J13	1 - 3	3	91 - 100%	1,1 - 2,0
J14	1 - 3	3	91 - 100%	0,51 - 1,0
J15	1 - 3	3	91 - 100%	0,51 - 1,0
J16	1 - 3	3	71 - 90 %	0,51 - 1,0
J17	1 - 3	2	51 - 70%	0,51 - 1,0
J18	1 - 3	3	91 - 100%	0,51 - 1,0

Kode Blok	Ketinggian Bangunan	Kepadatan Bangunan	KDB	KLB
J19	1 - 3	3	91 - 100%	0,51 - 1,0
J20	1 - 3	3	71 - 90 %	0,51 - 1,0
J21	1 - 3	3	51 - 70%	0,51 - 1,0
J22	1 - 3	3	91 - 100%	1,1 - 2,0
J23	1 - 3	3	71 - 90 %	0,51 - 1,0
J24	1 - 3	3	51 - 70%	1,1 - 2,0
J25	1 - 3	3	91 - 100%	0,51 - 1,0
J26	1 - 3	3	71 - 90 %	0,51 - 1,0
J27	1 - 3	3	51 - 70%	0,51 - 1,0
J28	1 - 3	3	91 - 100%	0,51 - 1,0
J29	1 - 3	3	71 - 90 %	0,51 - 1,0
J30	1 - 3	3	71 - 90 %	0,51 - 1,0
J31	1 - 3	3	51 - 70%	0,51 - 1,0
J32	1 - 3	3	71 - 90 %	0,51 - 1,0
J33	1 - 3	3	71 - 90 %	0,51 - 1,0
J34	1 - 3	3	51 - 70%	0,51 - 1,0
J35	1 - 3	3	51 - 70%	0,51 - 1,0
J36	1 - 3	2	51 -70%	0,51 - 1,0
J37	1 - 3	2	71 - 90 %	0,51 - 1,0
J38	1 - 3	3	71 - 90 %	0,51 - 1,0
J39	1 - 3	3	71 - 90%	1,1 - 2,0

Lampiran 2. Perhitungan Suhu Udara Pukul 09:00 di Kawasan CBD

Kode Blok	Skala I (rendah) 28,13 ° – 29,14 ° C Rata-rata= 28,64 ° C				Skala II (sedang) 29,15 ° – 30,16 ° C Rata-rata= 29,65 ° C		Skala III (tinggi) 30,17 ° – 31,18 ° C Rata-rata= 30,68 ° C				Luasan Suhu Pada Lahan (m^2)	Suhu Rata-Rata
	Suhu Kuning (28,14 – 28,89 °C)		Suhu Orange (28,90 – 29,65 °C)		Suhu Merah (29,66 – 30,41 °C)		Suhu Pink Gelap 30,42 – 31,17 °C		Suhu Ungu Cerah (> 31,18 °C)			
(b)	(c)	(d)= c x 28,64° C	(e)	(f)= e x 28,64° C	(g)	(h)= g x 29,65° C	(i)	(j) = i x 30,68° C	(k)	(l) = k x 30,68° C	(m)	(n)=(d+f+h+j+l)/m
Kawasan Tunjungan												
T0	0	0,0	388	11112,3	24	711,6	0	0,0	952	29207,4	1364	30,08
T1	0	0,0	590	16897,6	244	7234,6	0	0,0	35	1073,8	869	29,01
T2	300	8592,0	601	17212,6	0	0	0	0,0	0	0,0	901	28,64
T3	54	1546,6	245	7016,8	811	24046,15	801	24574,7	890	27305,2	2801	30,16
T4	0	0,0	405	11599,2	566	16781,9	892	27366,6	192	5890,6	2055	29,99
T5	0	0,0	1029	29470,6	234	6938,1	773	23715,6	119	3650,9	2155	30,00
T6	0	0,0	0	0,0	252	7471,8	148	4540,6	0	0,0	728	30,00
T7	0	0,0	0	0,0	643	19064,95	322	9879,0	0	0,0	965	29,99
T8	0	0,0	282	8076,5	2567	76111,55	112	3436,2	0	0,0	1120	30,11
T9	0	0,0	0	0,0	433	12838,45	128	3927,0	0	0,0	561	29,40
T10	0	0,0	80	2291,2	52	1541,8	1184	36325,1	244	7485,9	1560	29,80
T11	0	0,0	8	229,1	44	1304,6	788	24175,8	132	4049,8	972	29,90
T12	0	0,0	16	458,2	92	2727,8	132	4049,8	0	0,0	240	30,15
T13	0	0,0	12	343,7	104	3083,6	88	2699,8	0	0,0	204	29,20
T14	0	0,0	8	229,1	104	3083,6	96	2945,3	0	0,0	208	29,30
T15	0	0,0	0	0,0	124	3676,6	340	10431,2	52	1595,4	516	30,11
T16	0	0,0	48	1374,7	4	118,6	56	1718,1	196	6013,3	304	29,87
T17	0	0,0	0	0,0	84	2490,6	28	859,0	8	245,4	120	29,17
T18	0	0,0	80	2291,2	460	13639	400	12272,0	148	4540,6	1088	30,88
T19	0	0,0	40	1145,6	164	4862,6	200	6136,0	36	1104,5	440	30,59
T20	0	0,0	108	3093,1	132	3913,8	0	0,0	0	0,0	240	29,00
T21	0	0,0	0	0,0	56	1660,4	92	2822,6	232	7117,8	380	28,22
T22	0	0,0	64	1833,0	64	1897,6	104	3190,7	16	490,9	248	28,89
T23	68	1947,5	312	8935,7	316	9369,4	0	0,0	0	0,0	696	29,10
T24	0	0,0	204	5842,6	204	6048,6	0	0,0	0	0,0	408	30,18
T25	0	0,0	172	4926,1	544	16129,6	1024	31416,3	244	7485,9	1984	30,31
T26	0	0,0	52	1489,3	152	4506,8	4	122,7	0	0,0	208	30,00
T27	16	458,2	180	5155,2	960	28464	212	6504,2	0	0,0	1368	29,66
T28	88	2520,3	20	572,8	300	8895	0	0,0	0	0,0	408	30,77
T29	80	2291,2	440	12601,6	424	12571,6	768	23562,2	0	0,0	1712	30,02
T30	44	1260,2	188	5384,3	144	4269,6	0	0,0	0	0,0	376	29,77
T31	0	0,0	476	13632,6	528	15655,2	316	9694,9	60	1840,8	1380	29,58

Kode Blok	Skala I (rendah) 28,13 º – 29,14 º C Rata-rata= 28,64 º C				Skala II (sedang) 29,15 º – 30,16 º C Rata-rata= 29,65 º C		Skala III (tinggi) 30,17 º – 31,18 º C Rata-rata= 30,68 º C				Luasan Suhu Pada Lahan (m^2)	Suhu Rata-Rata
	Suhu Kuning (28,14 – 28,89 ºC)		Suhu Orange (28,90 – 29,65 ºC)		Suhu Merah (29,66 – 30,41 ºC)		Suhu Pink Gelap 30,42 – 31,17 ºC		Suhu Ungu Cerah (> 31,18 ºC)			
(b)	(c)	(d)= c x 28,64º C	(e)	(f)= e x 28,64º C	(g)	(h)= g x 29,65º C	(i)	(j) = i x 30,68º C	(k)	(l) = k x 30,68º C	(m)	(n)=(d+f+h+j+l)/m
T32	0	0,0	36	1031,0	220	6523	0	0,0	0	0,0	256	30,68
T33	28	801,9	84	2405,8	192	5692,8	456	13990,1	0	0,0	760	29,88
T34	28	801,9	120	3436,8	240	7116	0	0,0	0	0,0	388	28,88
Kawasan Jembatan Merah												
J0	0	0	0	0	48	1423,2	424	13008,32	68	2086,24	540	30,59
J1	0	0	0	0	372	11029,8	0	0	80	2454,4	452	30,55
J2	0	0	0	0	0	0	0	0	304	9326,72	304	30,68
J3	0	0	0	0	0	0	0	0	112	3436,16	112	30,68
J4	0	0	0	0	0	0	0	0	124	3804,32	124	30,68
J5	0	0	0	0	213	6315,45	73	2239,64	150	4602	436	30,18
J6	0	0	0	0	37	1097,05	0	0	171	5246,28	208	30,50
J7	0	0	0	0	156	4625,4	208	6381,44	228	6995,04	592	30,41
J8	0	0	0	0	34	1008,1	0	0	106	3252,08	140	30,43
J9	0	0	0	0	41	1215,65	0	0	35	1073,8	76	29,88
J10	0	0	0	0	8	237,2	0	0	108	3313,44	116	30,61
J11	0	0	0	0	160	4744	0	0	116	3558,88	276	30,45
J12	0	0	0	0	111	3291,15	223	6841,64	306	9388,08	640	30,50
J13	0	0	0	0	6	177,9	0	0	98	3006,64	104	30,62
J14	0	0	0	0	0	0	10	306,8	378	11597,04	388	29,65
J15	0	0	0	0	0	0	0	0	496	15217,28	496	30,68
J16	0	0	0	0	89	2638,85	0	0	839	25740,52	928	30,58
J17	0	0	0	0	21	622,65	0	0	507	15554,76	528	30,64
J18	0	0	0	0	0	0	0	0	408	12517,44	408	30,68
J19	0	0	0	0	410	12156,5	0	0	566	17364,88	976	30,25
J20	0	0	0	0	430	12749,5	0	0	298	9142,64	728	30,07
J21	0	0	0	0	0	0	147	4509,96	217	6657,56	364	30,68
J22	0	0	0	0	5	148,25	180	5522,4	232	7117,76	412	31,71
J23	0	0	0	0	15	444,75	92	2822,56	21	644,28	128	30,56
J24	0	0	0	0	18	533,7	112	3436,16	26	797,68	156	30,56
J25	0	0	0	0	7	207,55	117	3589,56	52	1595,36	176	30,64
J26	0	0	0	0	9	266,85	138	4233,84	25	767	172	30,63
J27	0	0	0	0	12	355,8	121	3712,28	7	214,76	140	30,59
J28	0	0	0	0	8	237,2	107	3282,76	65	1994,2	180	30,63
J29	0	0	0	0	3	88,95	83	2546,44	30	920,4	116	30,65
J30	0	0	0	0	0	0	412	12640,16	512	15708,16	924	30,68
J31	0	0	0	0	72	2134,8	0	0	232	7117,76	304	30,44

Kode Blok	Skala I (rendah)				Skala II (sedang)		Skala III (tinggi)				Luasan Suhu Pada Lahan (m^2)	Suhu Rata-Rata
	28,13 º – 29,14 º C				29,15 º – 30,16 º C		30,17 º – 31,18 º C					
	Rata-rata= 28,64 º C				Rata-rata= 29,65 º C		Rata-rata= 30,68 º C					
	Suhu Kuning		Suhu Orange		Suhu Merah		Suhu Pink Gelap		Suhu Ungu Cerah			
	(28,14 – 28,89 ºC)		(28,90 – 29,65 ºC)		(29,66 – 30,41 ºC)		30,42 – 31,17 ºC		(> 31,18 ºC)			
(b)	(c)	(d)= c x 28,64º C	(e)	(f)= e x 28,64º C	(g)	(h)= g x 29,65º C	(i)	(j) = i x 30,68º C	(k)	(l) = k x 30,68º C	(m)	(n)=(d+f+h+j+l)/m
J32	0	0	0	0	13	385,45	150	4602	381	11689,08	544	30,66
J33	0	0	0	0	64	1897,6	0	0	352	10799,36	416	30,52
J34	0	0	0	0	31	919,15	23	705,64	194	5951,92	248	30,55
J35	0	0	0	0	0	0	56	1718,08	56	1718,08	112	30,68
J36	0	0	0	0	0	0	191	5859,88	105	3221,4	296	30,68
J37	0	0	0	0	0	0	0	0	192	5890,56	192	30,68
J38	0	0	0	0	41	1215,65	0	0	271	8314,28	312	30,54
J39	0	0	0	0	551	16337,15	145	4448,6	0	0	696	30,68

Lampiran 3. Perhitungan Suhu Udara Pukul 12:00 di Kawasan CBD

Kode Blok	Skala I (rendah)				Skala II (sedang)		Skala III (tinggi)				Luasan Suhu Pada Lahan (m^2)	Suhu Rata-Rata
	28,13 ° – 29,14 ° C				29,15 ° – 30,16 ° C		30,17 ° – 31,18 ° C					
	Rata-rata= 28,64 ° C				Rata-rata= 29,65 ° C		Rata-rata= 30,68 ° C					
	Suhu Kuning		Suhu Orange		Suhu Merah		Suhu Pink Gelap		Suhu Ungu Cerah			
	(28,14 – 28,89 °C)		(28,90 – 29,65 °C)		(29,66 – 30,41 °C)		30,42 – 31,17 °C		(> 31,18 °C)			
(b)	(c)	(d)= c x 28,64° C	(e)	(f)= e x 28,64° C	(g)	(h)= g x 29,65° C	(i)	(j) = i x 30,68° C	(k)	(l) = k x 30,68° C	(m)	(n)=(d+f+h+j+l)/m
Kawasan Tunjungan												
T0	116	3322,2	188	5384,3	344	10199,6	652	20003,4	200	6136,0	1500	30,08
T1	60	1718,4	80	2291,2	564	16722,6	192	5890,6	208	6381,4	1104	30,30
T2	16	458,2	68	1947,5	1152	34156,8	0	0,0	0	0,0	1236	30,88
T3	0	0,0	172	4926,1	120	3558	1124	34484,3	68	2086,2	1484	30,16
T4	0	0,0	0	0,0	0	0	128	3927,0	112	3436,2	240	30,99
T5	0	0,0	0	0,0	0	0	136	4172,5	312	9572,2	448	30,00
T6	0	0,0	40	1145,6	252	7471,8	148	4540,6	0	0,0	440	30,03
T7	0	0,0	0	0,0	12	355,8	168	5154,2	0	0,0	180	30,11
T8	0	0,0	0	0,0	0	0	112	3436,2	0	0,0	112	30,68
T9	0	0,0	0	0,0	0	0	128	3927,0	72	2209,0	200	30,89
T10	0	0,0	80	2291,2	52	1541,8	1184	36325,1	244	7485,9	1560	30,33
T11	0	0,0	8	229,1	44	1304,6	788	24175,8	132	4049,8	972	30,62
T12	0	0,0	16	458,2	92	2727,8	132	4049,8	0	0,0	240	30,15
T13	0	0,0	0	0,0	252	7471,8	0	0,0	0	0,0	252	31,11
T14	0	0,0	12	343,7	104	3083,6	88	2699,8	0	0,0	204	31,00
T15	0	0,0	8	229,1	104	3083,6	96	2945,3	0	0,0	208	30,83
T16	0	0,0	0	0,0	124	3676,6	340	10431,2	52	1595,4	516	29,99
T17	0	0,0	48	1374,7	4	118,6	56	1718,1	196	6013,3	304	29,87
T18	0	0,0	0	0,0	84	2490,6	28	859,0	8	245,4	120	29,96
T19	0	0,0	80	2291,2	460	13639	400	12272,0	148	4540,6	1088	30,29
T20	0	0,0	40	1145,6	164	4862,6	200	6136,0	36	1104,5	440	30,11
T21	0	0,0	108	3093,1	132	3913,8	0	0,0	0	0,0	240	29,88
T22	0	0,0	0	0,0	56	1660,4	92	2822,6	232	7117,8	380	29,45
T23	0	0,0	64	1833,0	64	1897,6	104	3190,7	16	490,9	248	29,89
T24	68	1947,5	312	8935,7	316	9369,4	0	0,0	0	0,0	696	31,10
T25	0	0,0	204	5842,6	204	6048,6	0	0,0	0	0,0	408	30,74
T26	0	0,0	172	4926,1	544	16129,6	1024	31416,3	244	7485,9	1984	30,23
T27	0	0,0	52	1489,3	152	4506,8	4	122,7	0	0,0	208	30,12
T28	16	458,2	180	5155,2	960	28464	212	6504,2	0	0,0	1368	30,70
T29	88	2520,3	20	572,8	300	8895	0	0,0	0	0,0	408	31,00
T30	80	2291,2	440	12601,6	424	12571,6	768	23562,2	0	0,0	1712	30,80
T31	44	1260,2	188	5384,3	144	4269,6	0	0,0	0	0,0	376	31,03
T32	0	0,0	476	13632,6	528	15655,2	316	9694,9	60	1840,8	1380	31,09

Kode Blok	Skala I (rendah)				Skala II (sedang)		Skala III (tinggi)				Luasan Suhu Pada Lahan (m^2)	Suhu Rata-Rata
	28,13 º – 29,14 º C				29,15 º – 30,16 º C		30,17 º – 31,18 º C					
	Rata-rata= 28,64 º C				Rata-rata= 29,65 º C		Rata-rata= 30,68 º C					
	Suhu Kuning		Suhu Orange		Suhu Merah		Suhu Pink Gelap		Suhu Ungu Cerah			
	(28,14 – 28,89 ºC)		(28,90 – 29,65 ºC)		(29,66 – 30,41 ºC)		30,42 – 31,17 ºC		(> 31,18 ºC)			
(b)	(c)	(d)= c x 28,64º C	(e)	(f)= e x 28,64º C	(g)	(h)= g x 29,65º C	(i)	(j) = i x 30,68º C	(k)	(l) = k x 30,68º C	(m)	(n)=(d+f+h+j+l)/m
T33	0	0,0	36	1031,0	220	6523	0	0,0	0	0,0	256	28,22
T34	0	0,0	0	0,0	152	4506,8	100	3068,0	0	0,0	252	30,88
Kawasan Jembatan Merah												
J0	0	0	0	0	0	0	156	4786,08	296	9081,28	452	30,55
J1	0	0	0	0	0	0	0	0	304	9326,72	304	30,68
J2	0	0	0	0	0	0	0	0	112	3436,16	112	30,68
J3	0	0	0	0	0	0	0	0	124	3804,32	124	30,68
J4	0	0	0	0	108	3202,2	0	0	328	10063,04	436	30,18
J5	0	0	0	0	40	1186	0	0	168	5154,24	208	30,50
J6	0	0	0	0	252	7471,8	0	0	340	10431,2	592	30,41
J7	0	0	0	0	28	830,2	0	0	48	1472,64	76	30,63
J8	0	0	0	0	28	830,2	0	0	112	3436,16	140	30,43
J9	0	0	0	0	28	830,2	0	0	88	2699,84	116	30,61
J10	0	0	0	0	36	1067,4	0	0	240	7363,2	276	30,45
J11	0	0	0	0	0	0	116	3558,88	524	16076,32	640	30,50
J12	0	0	0	0	0	0	0	0	104	3190,72	104	30,62
J13	0	0	0	0	0	0	0	0	388	11903,84	388	30,68
J14	0	0	0	0	0	0	0	0	496	15217,28	496	30,68
J15	0	0	0	0	0	0	0	0	928	28471,04	928	30,58
J16	0	0	0	0	0	0	0	0	528	16199,04	528	30,64
J17	0	0	0	0	0	0	0	0	408	12517,44	408	30,68
J18	0	0	0	0	192	5692,8	0	0	784	24053,12	976	30,25
J19	0	0	0	0	96	2846,4	0	0	632	19389,76	728	31,07
J20	0	0	0	0	0	0	0	0	364	11167,52	364	29,68
J21	0	0	0	0	28	830,2	0	0	384	11781,12	412	31,04
J22	0	0	0	0	24	711,6	0	0	104	3190,72	128	30,56
J23	0	0	0	0	24	711,6	0	0	132	4049,76	156	30,56
J24	0	0	0	0	28	830,2	0	0	148	4540,64	176	30,64
J25	0	0	0	0	28	830,2	0	0	144	4417,92	172	30,63
J26	0	0	0	0	16	474,4	0	0	124	3804,32	140	30,59
J27	0	0	0	0	24	711,6	0	0	156	4786,08	180	30,63
J28	0	0	0	0	20	593	0	0	96	2945,28	116	30,65
J29	0	0	0	0	0	0	68	2086,24	856	26262,08	924	30,68
J30	0	0	0	0	20	593	24	736,32	260	7976,8	304	30,44
J31	0	0	0	0	24	711,6	0	0	520	15953,6	544	30,66
J32	0	0	0	0	76	2253,4	0	0	340	10431,2	416	30,52

Kode Blok	Skala I (rendah)				Skala II (sedang)		Skala III (tinggi)				Luasan Suhu Pada Lahan (m^2)	Suhu Rata-Rata
	28,13 º – 29,14 º C				29,15 º – 30,16 º C		30,17 º – 31,18 º C					
	Rata-rata= 28,64 º C				Rata-rata= 29,65 º C		Rata-rata= 30,68 º C					
	Suhu Kuning		Suhu Orange		Suhu Merah		Suhu Pink Gelap		Suhu Ungu Cerah			
	(28,14 – 28,89 ºC)		(28,90 – 29,65 ºC)		(29,66 – 30,41 ºC)		30,42 – 31,17 ºC		(> 31,18 ºC)			
(b)	(c)	(d)= c x 28,64º C	(e)	(f)= e x 28,64º C	(g)	(h)= g x 29,65º C	(i)	(j) = i x 30,68º C	(k)	(l) = k x 30,68º C	(m)	(n)=(d+f+h+j+l)/m
J33	0	0	0	0	20	593	128	3927,04	100	3068	248	30,55
J34	0	0	0	0	0	0	44	1349,92	68	2086,24	112	30,68
J35	0	0	0	0	0	0	0	0	296	9081,28	296	30,68
J36	0	0	0	0	0	0	0	0	192	5890,56	192	30,68
J37	0	0	0	0	68	2016,2	0	0	244	7485,92	312	30,54
J38	0	0	0	0	0	0	488	14971,84	208	6381,44	696	31,71
J39	0	0	0	0	34	1008,1	0	0	106	3252,08	140	30,55

Lampiran 4. Perhitungan Suhu Udara Pukul 15:00 di Kawasan CBD

Kode Blok	Skala I (rendah) 28,13 ° – 29,14 ° C Rata-rata= 28,64 ° C				Skala II (sedang) 29,15 ° – 30,16 ° C Rata-rata= 29,65 ° C		Skala III (tinggi) 30,17 ° – 31,18 ° C Rata-rata= 30,68 ° C				Luasan Suhu Pada Lahan (m^2)	Suhu Rata-Rata
	Suhu Kuning (28,14 – 28,89 °C)		Suhu Orange (28,90 – 29,65 °C)		Suhu Merah (29,66 – 30,41 °C)		Suhu Pink Gelap 30,42 – 31,17 °C		Suhu Ungu Cerah (> 31,18 °C)			
(b)	(c)	(d)= c x 28,64° C	(e)	(f)= e x 28,64° C	(g)	(h)= g x 29,65° C	(i)	(j) = i x 30,68° C	(k)	(l) = k x 30,68° C	(m)	(n)=(d+f+h+j+l)/m
Kawasan Tunjungan												
T0	0	0	250	7160	899	26655,35	326	10001,68	105	3221,4	1580	29,17
T1	215	6157,6	330	9451,2	176	5218,4	477	14634,36	302	9265,36	1500	29,90
T2	31	887,84	644	18444,16	112	3320,8	105	3221,4	212	6504,16	1104	30,01
T3	0	0	916	26234,24	320	9488	0	0	0	0	1236	29,64
T4	0	0	478	13689,92	0	0	897	27519,96	109	3344,12	1484	29,81
T5	0	0	88	2520,32	0	0	97	2975,96	55	1687,4	240	30,10
T6	0	0	197	5642,08	0	0	78	2393,04	173	5307,64	448	29,44
T7	0	0	152	4353,28	182	5396,3	106	3252,08	0	0	440	29,80
T8	0	0	40	1145,6	0	0	140	4295,2	0	0	180	30,16
T9	0	0	28	801,92	0	0	84	2577,12	0	0	112	30,20
T10	0	0	21	601,44	0	0	86	2638,48	93	2853,24	200	30,00
T11	0	0	756	21651,84	12	355,8	404	12394,72	388	11903,84	1560	30,15
T12	0	0	344	9852,16	0	0	389	11934,52	239	7332,52	972	30,00
T13	0	0	190	5441,6	270	8005,5	0	0	0	0	460	30,19
T14	0	0	82	2348,48	99	2935,35	59	1810,12	0	0	240	30,40
T15	0	0	87	2491,68	86	2549,9	31	951,08	0	0	204	31,02
T16	0	0	72	2062,08	81	2401,65	55	1687,4	0	0	208	29,35
T17	0	0	63	1804,32	188	5574,2	265	8130,2	0	0	516	30,11
T18	0	0	189	5412,96	0	0	80	2454,4	35	1073,8	304	29,87
T19	0	0	0	0	90	2668,5	0	0	30	920,4	120	30,01
T20	0	0	425	12172	280	8302	260	7976,8	123	3773,64	1088	30,09
T21	0	0	300	8592	23	681,95	78	2393,04	39	1196,52	440	29,88
T22	0	0	130	3723,2	110	3261,5	0	0	0	0	240	28,30
T23	0	0	182	5212,48	38	1126,7	66	2024,88	94	2883,92	380	29,44
T24	0	0	201	5756,64	0	0	0	0	47	1441,96	248	30,89
T25	89	2548,96	468	13403,52	139	4121,35	0	0	0	0	696	31,10
T26	0	0	256	7331,84	152	4506,8	0	0	0	0	408	30,00
T27	0	0	1057	30272,48	64	1897,6	289	8866,52	574	17610,32	1984	30,01
T28	0	0	119	3408,16	76	2253,4	13	398,84	0	0	208	29,42
T29	0	0	215	6157,6	878	26032,7	275	8437	0	0	1368	30,66
T30	41	1174,24	126	3608,64	241	7145,65	0	0	0	0	408	31,00
T31	56	1603,84	894	25604,16	202	5989,3	560	17180,8	0	0	1712	30,02

Kode Blok	Skala I (rendah) 28,13 º – 29,14 º C Rata-rata= 28,64 º C				Skala II (sedang) 29,15 º – 30,16 º C Rata-rata= 29,65 º C		Skala III (tinggi) 30,17 º – 31,18 º C Rata-rata= 30,68 º C				Luasan Suhu Pada Lahan (m^2)	Suhu Rata-Rata
	Suhu Kuning (28,14 – 28,89 ºC)		Suhu Orange (28,90 – 29,65 ºC)		Suhu Merah (29,66 – 30,41 ºC)		Suhu Pink Gelap 30,42 – 31,17 ºC		Suhu Ungu Cerah (> 31,18 ºC)			
(b)	(c)	(d)= c x 28,64º C	(e)	(f)= e x 28,64º C	(g)	(h)= g x 29,65º C	(i)	(j) = i x 30,68º C	(k)	(l) = k x 30,68º C	(m)	(n)=(d+f+h+j+l)/m
T32	8	229,12	207	5928,48	161	4773,65	0	0	0	0	376	30,82
T33	0	0	354	10138,56	475	14083,75	380	11658,4	171	5246,28	1380	29,58
T34	0	0	74	2119,36	182	5396,3	0	0	0	0	256	30,11
Kawasan Jembatan Merah												
J0	0	0	0	0	0	0	320	9817,6	132	4049,76	452	30,55
J1	0	0	0	0	0	0	0	0	304	9326,72	304	30,68
J2	0	0	0	0	0	0	0	0	112	3436,16	112	30,68
J3	0	0	0	0	0	0	0	0	124	3804,32	124	30,68
J4	0	0	0	0	81	2401,65	0	0	355	10891,4	436	30,18
J5	0	0	0	0	12	355,8	0	0	196	6013,28	208	30,50
J6	0	0	0	0	140	4151	0	0	452	13867,36	592	30,41
J7	0	0	0	0	19	563,35	0	0	57	1748,76	76	30,12
J8	0	0		0	19	563,35	30	920,4	91	2791,88	140	30,43
J9	0	0	0	0	9	266,85	0	0	107	3282,76	116	30,11
J10	0	0	0	0	6	177,9	0	0	270	8283,6	276	30,45
J11	0	0	0	0	0	0	146	4479,28	494	15155,92	640	30,50
J12	0	0	0	0	0	0	0	0	104	3190,72	104	30,11
J13	0	0	0	0	0	0	0	0	388	11903,84	388	30,68
J14	0	0	0	0	0	0	0	0	496	15217,28	496	30,68
J15	0	0	0	0	0	0	0	0	928	28471,04	928	30,58
J16	0	0	0	0	0	0	0	0	528	16199,04	528	30,64
J17	0	0	0	0	0	0	0	0	408	12517,44	408	30,68
J18	0	0	0	0	152	4506,8	0	0	824	25280,32	976	30,25
J19	0	0	0	0	140	4151	0	0	588	18039,84	728	30,07
J20	0	0	0	0	0	0	0	0	364	11167,52	364	30,00
J21	0	0	0	0	15	444,75	0	0	397	12179,96	412	30,11
J22	0	0	0	0	30	889,5	0	0	98	3006,64	128	30,56
J23	0	0	0	0	32	948,8	0	0	124	3804,32	156	30,56
J24	0	0	0	0	34	1008,1	0	0	142	4356,56	176	30,64
J25	0	0	0	0	30	889,5	0	0	142	4356,56	172	30,63
J26	0	0	0	0	30	889,5	0	0	110	3374,8	140	30,59
J27	0	0	0	0	25	741,25	0	0	155	4755,4	180	30,63
J28	0	0	0	0	28	830,2	0	0	88	2699,84	116	30,65
J29	0	0	0	0	0	0	426	13069,68	498	15278,64	924	30,68
J30	0	0	0	0	0	0	30	920,4	274	8406,32	304	30,11
J31	0	0	0	0	0	0	49	1503,32	495	15186,6	544	29,65

Kode Blok	Skala I (rendah)				Skala II (sedang)		Skala III (tinggi)				Luasan Suhu Pada Lahan (m^2)	Suhu Rata-Rata
	28,13 º – 29,14 º C				29,15 º – 30,16 º C		30,17 º – 31,18 º C					
	Rata-rata= 28,64 º C				Rata-rata= 29,65 º C		Rata-rata= 30,68 º C					
	Suhu Kuning		Suhu Orange		Suhu Merah		Suhu Pink Gelap		Suhu Ungu Cerah			
	(28,14 – 28,89 ºC)		(28,90 – 29,65 ºC)		(29,66 – 30,41 ºC)		30,42 – 31,17 ºC		(> 31,18 ºC)			
(b)	(c)	(d)= c x 28,64º C	(e)	(f)= e x 28,64º C	(g)	(h)= g x 29,65º C	(i)	(j) = i x 30,68º C	(k)	(l) = k x 30,68º C	(m)	(n)=(d+f+h+j+l)/m
J32	0	0	0	0	21	622,65	0	0	395	12118,6	416	30,52
J33	0	0	0	0	0	0	89	2730,52	159	4878,12	248	30,55
J34	0	0	0	0	0	0	37	1135,16	75	2301	112	30,68
J35	0	0	0	0	0	0	101	3098,68	195	5982,6	296	31,71
J36	0	0	0	0	0	0	0	0	192	5890,56	192	30,68
J37	0	0	0	0	0	0	108	3313,44	204	6258,72	312	30,11
J38	0	0	0	0	0	0	696	21353,28	0	0	696	30,00
J39	0	0	0	0	0	0	70	2147,6	98	3006,64	168	30,68

Lampiran 5. Perhitungan Kecepatan Angin Pukul 09:00 di Kawasan CBD

Kode Blok	Skala 1 = rendah 0,22 - 0,86 m/s Rata-rata= 0,54 m/s								Skala 2 = sedang 0,87 - 1,51 m/s Rata-rata= 1,19 m/s						Skala 3 = tinggi 1,52 - 2,16 m/s Rata-rata= 1,84 m/s						Luasan Kecepatan angin Pada Lahan	Kecepatan Angin Rata-Rata (m/s)
	Area Biru Tua (m^2) (<0,24 m/s)		Area Biru Tosca (m^2) (0,25 – 0,48 m/s)		Area Biru Muda (m^2) (0,49 – 0,72 m/s)		Area Hijau Tua (m^2) (0,73 – 0,95 m/s)		Area Hijau Muda (m^2) (0,96 – 1,19 m/s)		Area Kuning (m^2) 1,20 – 1,43 m/s)		Area Orange (m^2) (1,44 – 1,67 m/s)		Area Merah (m^2) (1,68 – 1,91 m/s)		Area Pink Gelap (m^2) (1,92 – 2,15 m/s)		Area Ungu Cerah (m^2) (>2,16 m/s)			
(a)	(b)	(c)= b x 0,54 m/s	(d)	(e)= d x 0,54 m/s	(f)	(g)= f x 0,54 m/s	(h)	(i)= h x 0,54 m/s	(j)	(k)= j x 1,19 m/s	(l)	(m)= l x 1,19 m/s	(n)	(o)= n x 1,19 m/s	(p)	(q)= p x 1,84 m/s	(r)	(s) = r x 1,84 m/s	(t)	(u) = u x 1,84 m/s	(v)	(w)=(c+e+g+i+k+m+o+q+s+u)/v
Kawasan Tunjungan																						
T0	109	58,86	90	48,6	102	55,08	56	30,24	74	88,06	99	117,81	100	119	812	1494,08	230	423,2	0	0	1500	0,62
T1	123	66,42	81	43,74	142	76,68	529	285,66	22	26,18	41	48,79	34	40,46	65	119,6	41	75,44	26	47,84	1104	0,75
T2	87	46,98	181	97,74	76	41,04	129	69,66	117	139,23	231	274,89	480	571,2	22	40,48	116	213,44	0	0	1236	0,66
T3	20	10,8	140	75,6	216	116,64	130	70,2	84	99,96	210	249,9	375	446,25	157	288,88	0	0	0	0	1484	0,81
T4	0	0	12	6,48	22	11,88	18	9,72	25	29,75	45	53,55	118	140,42	0	0	0	0	0	0	240	0,90
T5	0	0	18	9,72	20	10,8	50	27	65	77,35	112	133,28	138	164,22	33	60,72	0	0	0	0	448	0,22
T6	0	0	8	4,32	10	5,4	11	5,94	6	7,14	48	57,12	71	84,49	129	237,36	157	288,88	0	0	440	0,58
T7	93	50,22	10	5,4	20	10,8	114	61,56	0	0	0	0	0	0	36	66,24	0	0	0	0	180	1,08
T8	0	0	9	4,86	4	2,16	99	53,46	0	0	0	0	0	0	0	0	0	0	0	0	112	1,04
T9	0	0	19	10,26	24	12,96	154	83,16	0	0	0	0	3	3,57	0	0	0	0	0	0	200	0,90
T10	110	59,4	67	36,18	231	124,74	371	200,34	0	0	0	0	891	1060,29	0	0	0	0	0	0	1560	0,91
T11	0	0	74	39,96	203	109,62	452	244,08	0	0	0	0	243	289,17	0	0	0	0	0	0	972	1,02
T12	39	21,06	12	6,48	20	10,8	138	74,52	0	0	0	0	70	83,3	0	0	0	0	0	0	240	1,00
T13	0	0	24	12,96	13	7,02	52	28,08	48	57,12	183	217,77	112	133,28	237	436,08	271	498,64	0	0	940	1,14
T14	70	37,8	6	3,24	8	4,32	120	64,8	0	0	0	0	70	83,3	0	0	0	0	0	0	204	0,95
T15	0	0	6	3,24	10	5,4	192	103,68	0	0	0	0	0	0	0	0	0	0	0	0	208	0,90
T16	45	24,3	12	6,48	24	12,96	356	192,24	124	147,56	0	0	0	0	0	0	0	0	0	0	516	0,87
T17	0	0	35	18,9	70	37,8	108	58,32	87	103,53	4	4,76	0	0	0	0	0	0	0	0	304	1,03
T18	0	0	18	9,72	21	11,34	8	4,32	63	74,97	0	0	0	0	10	18,4	0	0	0	0	120	0,79
T19	32	17,28	92	49,68	118	63,72	416	224,64	68	80,92	157	186,83	237	282,03	0	0	0	0	0	0	1088	0,89
T20	0	0	32	17,28	48	25,92	75	40,5	188	223,72	0	0	97	115,43	0	0	0	0	0	0	440	0,60
T21	0	0	5	2,7	6	3,24	10	5,4	5	5,95	180	214,2	34	40,46	0	0	0	0	0	0	240	0,73
T22	0	0	11	5,94	11	5,94	20	10,8	34	40,46	105	124,95	178	211,82	21	38,64	0	0	0	0	380	0,85
T23	90	48,6	40	21,6	6	3,24	21	11,34	30	35,7	48	57,12	88	104,72	15	27,6	0	0	0	0	248	0,55
T24	0	0	5	2,7	18	9,72	20	10,8	52	61,88	124	147,56	198	235,62	279	513,36	0	0	0	0	696	1,41
T25	0	0	4	2,16	6	3,24	5	2,7	8	9,52	59	70,21	89	105,91	237	436,08	0	0	0	0	408	1,51
T26	16	8,64	77	41,58	134	72,36	89	48,06	101	120,19	385	458,15	1198	1425,62	0	0	0	0	0	0	1984	1,10
T27	0	0	5	2,7	4	2,16	5	2,7	6	7,14	20	23,8	151	179,69	17	31,28	0	0	0	0	208	1,30
T28	0	0	70	37,8	131	70,74	63	34,02	124	147,56	284	337,96	378	449,82	318	585,12	0	0	0	0	1368	1,22
T29	0	0	7	3,78	7	3,78	9	4,86	13	15,47	57	67,83	134	159,46	181	333,04	0	0	0	0	408	1,83
T30	72	38,88	63	34,02	180	97,2	345	186,3	308	366,52	689	819,91	55	65,45	0	0	0	0	0	0	1712	0,94
T31	0	0	6	3,24	4	2,16	4	2,16	4	4,76	45	53,55	313	372,47	0	0	0	0	0	0	376	1,17

Kode Blok	Skala 1 = rendah 0,22 - 0,86 m/s Rata-rata= 0,54 m/s								Skala 2 = sedang 0,87 - 1,51 m/s Rata-rata= 1,19 m/s						Skala 3 = tinggi 1,52 - 2,16 m/s Rata-rata= 1,84 m/s						Luasan Kecepatan angin Pada Lahan	Kecepatan Angin Rata-Rata (m/s)
	Area Biru Tua (m^2) (<0,24 m/s)		Area Biru Tosca (m^2) (0,25 – 0,48 m/s)		Area Biru Muda (m^2) (0,49 – 0,72 m/s)		Area Hijau Tua (m^2) (0,73 – 0,95 m/s)		Area Hijau Muda (m^2) (0,96 – 1,19 m/s)		Area Kuning (m^2) 1,20 – 1,43 m/s)		Area Orange (m^2) (1,44 – 1,67 m/s)		Area Merah (m^2) (1,68 – 1,91 m/s)		Area Pink Gelap (m^2) (1,92 – 2,15 m/s)		Area Ungu Cerah (m^2) (>2,16 m/s)			
(a)	(b)	(c)= b x 0,54 m/s	(d)	(e)= d x 0,54 m/s	(f)	(g)= f x 0,54 m/s	(h)	(i)= h x 0,54 m/s	(j)	(k)= j x 1,19 m/s	(l)	(m)= l x 1,19 m/s	(n)	(o)= n x 1,19 m/s	(p)	(q)= p x 1,84 m/s	(r)	(s) = r x 1,84 m/s	(t)	(u) = u x 1,84 m/s	(v)	(w)=(c+e+g+i+k+m+o+q+s+u)/v
T32	110	59,4	138	74,52	207	111,78	311	167,94	463	550,97	151	179,69	0	0	0	0	0	0	0	0	1380	0,99
T33	0	0	6	3,24	6	3,24	4	2,16	5	5,95	30	35,7	67	79,73	138	253,92	0	0	0	0	256	0,50
T34	0	0	5	2,7	5	2,7	12	6,48	10	11,9	28	33,32	50	59,5	78	143,52	116	213,44	0	0	304	0,56
Kawasan Jembatan Merah																						
J0	84	45,36	75	40,5	87	46,98	45	24,3	52	61,88	77	91,63	121	143,99	729	1341,36	230	423,2	0	0	1500	1,58
J1	123	66,42	81	43,74	142	76,68	529	285,66	22	26,18	41	48,79	34	40,46	65	119,6	41	75,44	26	47,84	1104	1,75
J2	0	0	181	97,74	76	41,04	129	69,66	117	139,23	231	274,89	480	571,2	22	40,48	116	213,44	0	0	1236	1,67
J3	0	0	140	75,6	216	116,64	130	70,2	84	99,96	210	249,9	375	446,25	157	288,88	0	0	0	0	1484	0,91
J4	0	0	12	6,48	22	11,88	18	9,72	25	29,75	45	53,55	118	140,42	0	0	0	0	0	0	240	1,05
J5	0	0	18	9,72	20	10,8	50	27	65	77,35	112	133,28	138	164,22	33	60,72	0	0	0	0	448	1,78
J6	0	0	8	4,32	10	5,4	11	5,94	6	7,14	48	57,12	71	84,49	129	237,36	157	288,88	0	0	440	1,57
J7	0	0	10	5,4	20	10,8	114	61,56	0	0	0	0	0	0	36	66,24	0	0	0	0	180	0,54
J8	0	0	5	2,7	4	2,16	4	2,16	4	4,76	89	105,91	91	108,29	7	12,88	0	0	0	0	204	1,17
J9	0	0	9	4,86	4	2,16	99	53,46	0	0	0	0	0	0	0	0	0	0	0	0	112	1,44
J10	0	0	19	10,26	24	12,96	154	83,16	0	0	0	0	3	3,57	0	0	0	0	0	0	200	1,20
J11	0	0	67	36,18	231	124,74	371	200,34	0	0	0	0	891	1060,29	0	0	0	0	0	0	1560	0,91
J12	0	0	74	39,96	203	109,62	452	244,08	0	0	0	0	243	289,17	0	0	0	0	0	0	972	0,90
J13	0	0	12	6,48	20	10,8	138	74,52	0	0	0	0	70	83,3	0	0	0	0	0	0	240	0,93
J14	0	0	6	3,24	8	4,32	120	64,8	0	0	0	0	70	83,3	0	0	0	0	0	0	204	1,03
J15	0	0	6	3,24	10	5,4	192	103,68	0	0	0	0	0	0	0	0	0	0	0	0	208	1,23
J16	0	0	12	6,48	24	12,96	356	192,24	124	147,56	0	0	0	0	0	0	0	0	0	0	516	1,29
J17	0	0	35	18,9	70	37,8	108	58,32	87	103,53	4	4,76	0	0	0	0	0	0	0	0	304	1,38
J18	0	0	18	9,72	21	11,34	8	4,32	63	74,97	0	0	0	0	10	18,4	0	0	0	0	120	0,99
J19	0	0	92	49,68	118	63,72	416	224,64	68	80,92	157	186,83	237	282,03	0	0	0	0	0	0	1088	1,12
J20	0	0	32	17,28	48	25,92	75	40,5	188	223,72	0	0	97	115,43	0	0	0	0	0	0	440	1,96
J21	0	0	5	2,7	6	3,24	10	5,4	5	5,95	180	214,2	34	40,46	0	0	0	0	0	0	240	1,87
J22	0	0	11	5,94	11	5,94	20	10,8	34	40,46	105	124,95	178	211,82	21	38,64	0	0	0	0	380	1,15
J23	0	0	40	21,6	6	3,24	21	11,34	30	35,7	48	57,12	88	104,72	15	27,6	0	0	0	0	248	1,05
J24	0	0	5	2,7	18	9,72	20	10,8	52	61,88	124	147,56	198	235,62	279	513,36	0	0	0	0	696	1,41
J25	0	0	4	2,16	6	3,24	5	2,7	8	9,52	59	70,21	89	105,91	237	436,08	0	0	0	0	408	1,54
J26	0	0	77	41,58	134	72,36	89	48,06	101	120,19	385	458,15	1198	1425,62	0	0	0	0	0	0	1984	1,09
J27	0	0	5	2,7	4	2,16	5	2,7	6	7,14	20	23,8	151	179,69	17	31,28	0	0	0	0	208	1,20
J28	0	0	70	37,8	131	70,74	63	34,02	124	147,56	284	337,96	378	449,82	318	585,12	0	0	0	0	1368	1,22
J29	0	0	7	3,78	7	3,78	9	4,86	13	15,47	57	67,83	134	159,46	181	333,04	0	0	0	0	408	1,54
J30	72	38,88	63	34,02	180	97,2	345	186,3	308	366,52	689	819,91	55	65,45	0	0	0	0	0	0	1712	1,96

Kode Blok	Skala 1 = rendah 0,22 - 0,86 m/s Rata-rata= 0,54 m/s								Skala 2 = sedang 0,87 - 1,51 m/s Rata-rata= 1,19 m/s						Skala 3 = tinggi 1,52 - 2,16 m/s Rata-rata= 1,84 m/s						Luasan Kecepatan angin Pada Lahan	Kecepatan Angin Rata-Rata (m/s)
	Area Biru Tua (m^2) (<0,24 m/s)		Area Biru Tosca (m^2) (0,25 – 0,48 m/s)		Area Biru Muda (m^2) (0,49 – 0,72 m/s)		Area Hijau Tua (m^2) (0,73 – 0,95 m/s)		Area Hijau Muda (m^2) (0,96 – 1,19 m/s)		Area Kuning (m^2) 1,20 – 1,43 m/s)		Area Orange (m^2) (1,44 – 1,67 m/s)		Area Merah (m^2) (1,68 – 1,91 m/s)		Area Pink Gelap (m^2) (1,92 – 2,15 m/s)		Area Ungu Cerah (m^2) (>2,16 m/s)			
(a)	(b)	(c)= b x 0,54 m/s	(d)	(e)= d x 0,54 m/s	(f)	(g)= f x 0,54 m/s	(h)	(i)= h x 0,54 m/s	(j)	(k)= j x 1,19 m/s	(l)	(m)= l x 1,19 m/s	(n)	(o)= n x 1,19 m/s	(p)	(q)= p x 1,84 m/s	(r)	(s) = r x 1,84 m/s	(t)	(u) = u x 1,84 m/s	(v)	(w)=(c+e+g+i+k+m+o+q+s+u)/v
J31	0	0	6	3,24	4	2,16	4	2,16	4	4,76	45	53,55	313	372,47	0	0	0	0	0	0	376	1,57
J32	110	59,4	138	74,52	207	111,78	311	167,94	463	550,97	151	179,69	0	0	0	0	0	0	0	0	1380	0,93
J33	0	0	6	3,24	6	3,24	4	2,16	5	5,95	30	35,7	67	79,73	138	253,92	0	0	0	0	256	1,50
J34	12	6,48	35	18,9	120	64,8	60	32,4	121	143,99	400	476	12	14,28	0	0	0	0	0	0	760	1,00
J35	0	0	4	2,16	3	1,62	6	3,24	5	5,95	65	77,35	0	0	301	553,84	4	7,36	0	0	388	1,68
J36	0	0	12	6,48	6	3,24	10	5,4	22	26,18	101	120,19	241	286,79	198	364,32	58	106,72	0	0	648	1,42
J37	0	0	4	2,16	3	1,62	7	3,78	38	45,22	74	88,06	244	290,36	66	121,44	0	0	0	0	436	1,67
J38	0	0	6	3,24	6	3,24	6	3,24	6	7,14	30	35,7	106	126,14	0	0	0	0	0	0	160	1,82
J39	2	1,08	7	3,78	5	2,7	12	6,48	16	19,04	82	97,58	143	170,17	5	9,2	0	0	0	0	272	1,14

Lampiran 6. Perhitungan Kecepatan Angin Pukul 12:00 di Kawasan CBD

Kode Blok	Skala 1 = rendah 0,22 - 0,86 m/s Rata-rata= 0,54 m/s								Skala 2 = sedang 0,87 - 1,51 m/s Rata-rata= 1,19 m/s						Skala 3 = tinggi 1,52 - 2,16 m/s Rata-rata= 1,84 m/s						Luasan Kecepatan angin Pada Lahan	Kecepatan Angin Rata-Rata (m/s)
	Area Biru Tua (m^2) (<0,24 m/s)		Area Biru Tosca (m^2) (0,25 – 0,48 m/s)		Area Biru Muda (m^2) (0,49 – 0,72 m/s)		Area Hijau Tua (m^2) (0,73 – 0,95 m/s)		Area Hijau Muda (m^2) (0,96 – 1,19 m/s)		Area Kuning (m^2) 1,20 – 1,43 m/s)		Area Orange (m^2) (1,44 – 1,67 m/s)		Area Merah (m^2) (1,68 – 1,91 m/s)		Area Pink Gelap (m^2) (1,92 – 2,15 m/s)		Area Ungu Cerah (m^2) (>2,16 m/s)			
(a)	(b)	(c)= b x 0,54 m/s	(d)	(e)= d x 0,54 m/s	(f)	(g)= f x 0,54 m/s	(h)	(i)= h x 0,54 m/s	(j)	(k)= j x 1,19 m/s	(l)	(m)= l x 1,19 m/s	(n)	(o)= n x 1,19 m/s	(p)	(q)= p x 1,84 m/s	(r)	(s) = r x 1,84 m/s	(t)	(u) = u x 1,84 m/s	(v)	(w)=(c+e+g+i+k+m+o+q+s+u)/v
Kawasan Tunjungan																						
T0	84	45,36	75	40,5	87	46,98	45	24,3	52	61,88	77	91,63	121	143,99	729	1341,36	230	423,2	0	0	1500	0,88
T1	140	75,6	90	48,6	142	76,68	529	285,66	22	26,18	41	48,79	34	40,46	65	119,6	41	75,44	26	47,84	1104	1,07
T2	200	108	181	97,74	76	41,04	129	69,66	117	139,23	231	274,89	480	571,2	22	40,48	116	213,44	0	0	1236	1,66
T3	29	15,66	140	75,6	216	116,64	130	70,2	84	99,96	210	249,9	375	446,25	157	288,88	0	0	0	0	1484	1,81
T4	40	21,6	12	6,48	22	11,88	18	9,72	25	29,75	45	53,55	118	140,42	0	0	0	0	0	0	240	1,78
T5	20	10,8	18	9,72	20	10,8	50	27	65	77,35	112	133,28	138	164,22	33	60,72	0	0	0	0	448	1,34
T6	100	54	5	2,7	14	7,56	14	7,56	39	46,41	70	83,3	85	101,15	125	230	0	0	0	0	440	1,84
T7	98	52,92	10	5,4	20	10,8	114	61,56	0	0	0	0	0	0	36	66,24	0	0	0	0	180	1,80
T8	20	10,8	9	4,86	4	2,16	99	53,46	0	0	0	0	0	0	0	0	0	0	0	0	112	1,54
T9	54	29,16	19	10,26	24	12,96	154	83,16	0	0	0	0	3	3,57	0	0	0	0	0	0	200	1,55
T10	0	0	67	36,18	231	124,74	371	200,34	0	0	0	0	891	1060,29	0	0	0	0	0	0	1560	1,81
T11	0	0	74	39,96	203	109,62	452	244,08	0	0	0	0	243	289,17	0	0	0	0	0	0	972	1,70
T12	31	16,74	12	6,48	20	10,8	138	74,52	0	0	0	0	70	83,3	0	0	0	0	0	0	240	2,00
T13	12	6,48	45	24,3	52	28,08	38	20,52	35	41,65	98	116,62	134	159,46	392	721,28	686	1262,24	0	0	1492	1,55
T14	0	0	6	3,24	8	4,32	120	64,8	0	0	0	0	70	83,3	0	0	0	0	0	0	204	1,76
T15	24	12,96	6	3,24	10	5,4	192	103,68	0	0	0	0	0	0	0	0	0	0	0	0	208	2,00
T16	0	0	12	6,48	24	12,96	356	192,24	124	147,56	0	0	0	0	0	0	0	0	0	0	516	1,80
T17	0	0	35	18,9	70	37,8	108	58,32	87	103,53	4	4,76	0	0	0	0	0	0	0	0	304	1,73
T18	24	12,96	18	9,72	21	11,34	8	4,32	63	74,97	0	0	0	0	10	18,4	0	0	0	0	120	0,99
T19	0	0	92	49,68	118	63,72	416	224,64	68	80,92	157	186,83	237	282,03	0	0	0	0	0	0	1088	1,83
T20	55	29,7	32	17,28	48	25,92	75	40,5	188	223,72	0	0	97	115,43	0	0	0	0	0	0	440	0,34
T21	0	0	5	2,7	6	3,24	10	5,4	5	5,95	180	214,2	34	40,46	0	0	0	0	0	0	240	1,73
T22	0	0	11	5,94	11	5,94	20	10,8	34	40,46	105	124,95	178	211,82	21	38,64	0	0	0	0	380	1,85
T23	45	24,3	40	21,6	6	3,24	21	11,34	30	35,7	48	57,12	88	104,72	15	27,6	0	0	0	0	248	1,55
T24	20	10,8	5	2,7	18	9,72	20	10,8	52	61,88	124	147,56	198	235,62	279	513,36	0	0	0	0	696	1,91
T25	0	0	4	2,16	6	3,24	5	2,7	8	9,52	59	70,21	89	105,91	237	436,08	0	0	0	0	408	1,71
T26	64	34,56	77	41,58	134	72,36	89	48,06	101	120,19	385	458,15	1198	1425,62	0	0	0	0	0	0	1984	2,01
T27	0	0	5	2,7	4	2,16	5	2,7	6	7,14	20	23,8	151	179,69	17	31,28	0	0	0	0	208	1,80
T28	39	21,06	70	37,8	131	70,74	63	34,02	124	147,56	284	337,96	378	449,82	318	585,12	0	0	0	0	1368	1,79
T29	0	0	303	163,62	7	3,78	9	4,86	13	15,47	57	67,83	134	159,46	181	333,04	0	0	0	0	408	1,54
T30	72	38,88	63	34,02	180	97,2	345	186,3	308	366,52	689	819,91	55	65,45	0	0	0	0	0	0	1712	2,01
T31	0	0	6	3,24	4	2,16	4	2,16	4	4,76	45	53,55	313	372,47	0	0	0	0	0	0	376	2,00

Kode Blok	Skala 1 = rendah 0,22 - 0,86 m/s Rata-rata= 0,54 m/s								Skala 2 = sedang 0,87 - 1,51 m/s Rata-rata= 1,19 m/s						Skala 3 = tinggi 1,52 - 2,16 m/s Rata-rata= 1,84 m/s						Luasan Kecepatan angin Pada Lahan	Kecepatan Angin Rata-Rata (m/s)
	Area Biru Tua (m^2) (<0,24 m/s)		Area Biru Tosca (m^2) (0,25 – 0,48 m/s)		Area Biru Muda (m^2) (0,49 – 0,72 m/s)		Area Hijau Tua (m^2) (0,73 – 0,95 m/s)		Area Hijau Muda (m^2) (0,96 – 1,19 m/s)		Area Kuning (m^2) 1,20 – 1,43 m/s)		Area Orange (m^2) (1,44 – 1,67 m/s)		Area Merah (m^2) (1,68 – 1,91 m/s)		Area Pink Gelap (m^2) (1,92 – 2,15 m/s)		Area Ungu Cerah (m^2) (>2,16 m/s)			
(a)	(b)	(c)= b x 0,54 m/s	(d)	(e)= d x 0,54 m/s	(f)	(g)= f x 0,54 m/s	(h)	(i)= h x 0,54 m/s	(j)	(k)= j x 1,19 m/s	(l)	(m)= l x 1,19 m/s	(n)	(o)= n x 1,19 m/s	(p)	(q)= p x 1,84 m/s	(r)	(s) = r x 1,84 m/s	(t)	(u) = u x 1,84 m/s	(v)	(w)=(c+e+g+i+k+m+o+q+s+u)/v
T32	110	59,4	138	74,52	207	111,78	311	167,94	463	550,97	151	179,69	0	0	0	0	0	0	0	0	1380	1,88
T33	0	0	6	3,24	6	3,24	4	2,16	5	5,95	30	35,7	67	79,73	138	253,92	0	0	0	0	256	0,90
T34	0	0	0	0	0	0	9	4,86	5	5,95	5	5,95	5	5,95	82	150,88	58	106,72	64	117,76	228	1,71
Kawasan Jembatan Merah																						
J0	0	0	14	7,56	25	13,5	7	3,78	16	19,04	16	19,04	18	21,42	37	68,08	0	0	294	540,96	452	1,58
J1	0	0	0	0	4	2,16	0	0	0	0	0	0	4	4,76	45	82,8	0	0	251	461,84	304	1,75
J2	0	0	0	0	0	0	4	2,16	0	0	0	0	4	4,76	18	33,12	22	40,48	64	117,76	112	1,67
J3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	69,92	86	158,24	124	1,91
J4	0	0	0	0	4	2,16	0	0	0	0	12	14,28	24	28,56	47	86,48	38	69,92	311	572,24	436	2,05
J5	0	0	0	0	3	1,62	0	0	0	0	0	0	4	4,76	14	25,76	56	103,04	131	241,04	208	1,98
J6	0	0	14	7,56	10	5,4	4	2,16	14	16,66	10	11,9	20	23,8	134	246,56	208	382,72	178	327,52	592	1,57
J7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	18,4	8	14,72	58	106,72	76	1,80
J8	0	0	4	2,16	4	2,16	3	1,62	9	10,71	4	4,76	18	21,42	27	49,68	71	130,64	0	0	140	1,77
J9	0	0	5	2,7	5	2,7	0	0	0	0	8	9,52	5	5,95	7	12,88	14	25,76	72	132,48	116	0,54
J10	0	0	5	2,7	14	7,56	18	9,72	12	14,28	10	11,9	6	7,14	18	33,12	61	112,24	132	242,88	276	1,55
J11	0	0	40	21,6	92	49,68	102	55,08	47	55,93	85	101,15	72	85,68	32	58,88	24	44,16	146	268,64	640	1,81
J12	0	0	0	0	0	0	5	2,7	0	0	0	0	0	0	7	12,88	18	33,12	74	136,16	104	1,70
J13	0	0	0	0	0	0	2	1,08	5	5,95	5	5,95	7	8,33	97	178,48	81	149,04	191	351,44	388	1,93
J14	0	0	0	0	8	4,32	7	3,78	12	14,28	3	3,57	14	16,66	48	88,32	100	184	304	559,36	496	2,01
J15	0	0	11	5,94	16	8,64	25	13,5	37	44,03	28	33,32	47	55,93	102	187,68	377	693,68	285	524,4	928	1,70
J16	0	0	0	0	4	2,16	4	2,16	4	4,76	10	11,9	10	11,9	20	36,8	76	139,84	400	736	528	2,11
J17	0	0	0	0	4	2,16	3	1,62	4	4,76	3	3,57	7	8,33	37	68,08	50	92	300	552	408	1,83
J18	0	0	4	2,16	12	6,48	12	6,48	12	14,28	87	103,53	109	129,71	388	713,92	235	432,4	117	215,28	976	1,99
J19	0	0	0	0	4	2,16	4	2,16	8	9,52	11	13,09	9	10,71	329	605,36	274	504,16	89	163,76	728	1,82
J20	0	0	0	0	5	2,7	7	3,78	7	8,33	10	11,9	18	21,42	46	84,64	21	38,64	250	460	364	1,96
J21	0	0	0	0	0	0	6	3,24	5	5,95	12	14,28	24	28,56	27	49,68	41	75,44	297	546,48	412	1,87
J22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	55,2	98	180,32	128	2,15
J23	0	0	0	0	0	0	7	3,78	6	7,14	7	8,33	10	11,9	5	9,2	19	34,96	102	187,68	156	1,78
J24	0	0	0	0	0	0	0	0	0	0	5	5,95	5	5,95	3	5,52	42	77,28	121	222,64	176	1,67
J25	0	0	0	0	0	0	0	0	0	0	0	0	5	5,95	10	18,4	37	68,08	120	220,8	172	1,54
J26	0	0	0	0	0	0	0	0	0	0	3	3,57	4	4,76	6	11,04	21	38,64	106	195,04	140	2,09
J27	0	0	0	0	0	0	0	0	3	3,57	3	3,57	6	7,14	5	9,2	35	64,4	128	235,52	180	1,67
J28	0	0	0	0	0	0	0	0	0	0	0	0	5	5,95	3	5,52	12	22,08	96	176,64	116	1,56
J29	0	0	6	3,24	47	25,38	30	16,2	35	41,65	34	40,46	48	57,12	83	152,72	151	277,84	490	901,6	924	1,54
J30	0	0	0	0	0	0	4	2,16	4	4,76	5	5,95	12	14,28	10	18,4	52	95,68	217	399,28	304	1,94
J31	0	0	5	2,7	5	2,7	3	1,62	8	9,52	8	9,52	12	14,28	49	90,16	140	257,6	314	577,76	544	1,57

Kode Blok	Skala 1 = rendah 0,22 - 0,86 m/s Rata-rata= 0,54 m/s								Skala 2 = sedang 0,87 - 1,51 m/s Rata-rata= 1,19 m/s						Skala 3 = tinggi 1,52 - 2,16 m/s Rata-rata= 1,84 m/s						Luasan Kecepatan angin Pada Lahan	Kecepatan Angin Rata-Rata (m/s)
	Area Biru Tua (m^2) (<0,24 m/s)		Area Biru Tosca (m^2) (0,25 – 0,48 m/s)		Area Biru Muda (m^2) (0,49 – 0,72 m/s)		Area Hijau Tua (m^2) (0,73 – 0,95 m/s)		Area Hijau Muda (m^2) (0,96 – 1,19 m/s)		Area Kuning (m^2) 1,20 – 1,43 m/s)		Area Orange (m^2) (1,44 – 1,67 m/s)		Area Merah (m^2) (1,68 – 1,91 m/s)		Area Pink Gelap (m^2) (1,92 – 2,15 m/s)		Area Ungu Cerah (m^2) (>2,16 m/s)			
(a)	(b)	(c)= b x 0,54 m/s	(d)	(e)= d x 0,54 m/s	(f)	(g)= f x 0,54 m/s	(h)	(i)= h x 0,54 m/s	(j)	(k)= j x 1,19 m/s	(l)	(m)= l x 1,19 m/s	(n)	(o)= n x 1,19 m/s	(p)	(q)= p x 1,84 m/s	(r)	(s) = r x 1,84 m/s	(t)	(u) = u x 1,84 m/s	(v)	(w)=(c+e+g+i+k+m+o+q+s+u)/v
J32	0	0	3	1,62	0	0	0	0	18	21,42	3	3,57	6	7,14	28	51,52	89	163,76	282	518,88	416	1,93
J33	0	0	4	2,16	4	2,16	10	5,4	5	5,95	17	20,23	26	30,94	33	60,72	24	44,16	112	206,08	248	1,60
J34	0	0	0	0	0	0	3	1,62	8	9,52	8	9,52	6	7,14	10	18,4	4	7,36	76	139,84	112	2,00
J35	0	0	4	2,16	12	6,48	16	8,64	11	13,09	17	20,23	38	45,22	37	68,08	56	103,04	108	198,72	296	1,68
J36	0	0	0	0	3	1,62	5	2,7	8	9,52	8	9,52	10	11,9	9	16,56	21	38,64	125	230	192	1,52
J37	0	0	4	2,16	12	6,48	12	6,48	33	39,27	12	14,28	15	17,85	30	55,2	81	149,04	138	253,92	312	1,67
J38	0	0	24	12,96	12	6,48	23	12,42	21	24,99	54	64,26	52	61,88	149	274,16	281	517,04	38	69,92	696	1,82
J39	0	0	12	6,48	21	11,34	5	2,7	3	3,57	15	17,85	56	66,64	15	27,6	231	425,04	189	347,76	568	1,94

Lampiran 7. Perhitungan Kecepatan Angin Pukul 15:00 di Kawasan CBD

Kode Blok	Skala 1 = rendah 0,22 - 0,86 m/s Rata-rata= 0,54 m/s								Skala 2 = sedang 0,87 - 1,51 m/s Rata-rata= 1,19 m/s						Skala 3 = tinggi 1,52 - 2,16 m/s Rata-rata= 1,84 m/s						Luasan Kecepatan angin Pada Lahan	Kecepatan Angin Rata-Rata (m/s)
	Area Biru Tua (m^2) (<0,24 m/s)		Area Biru Tosca (m^2) (0,25 – 0,48 m/s)		Area Biru Muda (m^2) (0,49 – 0,72 m/s)		Area Hijau Tua (m^2) (0,73 – 0,95 m/s)		Area Hijau Muda (m^2) (0,96 – 1,19 m/s)		Area Kuning (m^2) 1,20 – 1,43 m/s)		Area Orange (m^2) (1,44 – 1,67 m/s)		Area Merah (m^2) (1,68 – 1,91 m/s)		Area Pink Gelap (m^2) (1,92 – 2,15 m/s)		Area Ungu Cerah (m^2) (>2,16 m/s)			
(a)	(b)	(c)= b x 0,54 m/s	(d)	(e)= d x 0,54 m/s	(f)	(g)= f x 0,54 m/s	(h)	(i)= h x 0,54 m/s	(j)	(k)= j x 1,19 m/s	(l)	(m)= l x 1,19 m/s	(n)	(o)= n x 1,19 m/s	(p)	(q)= p x 1,84 m/s	(r)	(s) = r x 1,84 m/s	(t)	(u) = u x 1,84 m/s	(v)	(w)=(c+e+g+i+k+m+o+q+s+u)/v
Kawasan Tunjungan																						
T0	102	55,08	65	35,1	100	54	121	65,34	43	51,17	90	107,1	54	64,26	729	1341,36	230	423,2	0	0	1500	1,48
T1	221	119,34	81	43,74	142	76,68	529	285,66	22	26,18	41	48,79	34	40,46	65	119,6	41	75,44	26	47,84	1104	1,87
T2	190	102,6	181	97,74	76	41,04	129	69,66	117	139,23	231	274,89	480	571,2	22	40,48	116	213,44	0	0	1236	1,70
T3	400	216	140	75,6	216	116,64	130	70,2	84	99,96	210	249,9	375	446,25	157	288,88	0	0	0	0	1484	1,94
T4	342	184,68	12	6,48	22	11,88	18	9,72	25	29,75	45	53,55	118	140,42	0	0	0	0	0	0	240	1,80
T5	100	54	18	9,72	20	10,8	50	27	65	77,35	112	133,28	138	164,22	33	60,72	0	0	0	0	448	1,58
T6	78	42,12	5	2,7	10	5,4	5	2,7	5	5,95	50	59,5	42	49,98	136	250,24	129	237,36	58	106,72	440	1,58
T7	333	179,82	10	5,4	20	10,8	114	61,56	0	0	0	0	0	0	36	66,24	0	0	0	0	180	1,81
T8	29	15,66	9	4,86	4	2,16	99	53,46	0	0	0	0	0	0	0	0	0	0	0	0	112	1,71
T9	42	22,68	19	10,26	24	12,96	154	83,16	0	0	0	0	3	3,57	0	0	0	0	0	0	200	1,55
T10	23	12,42	67	36,18	231	124,74	371	200,34	0	0	0	0	891	1060,29	0	0	0	0	0	0	1560	1,60
T11	0	0	74	39,96	203	109,62	452	244,08	0	0	0	0	243	289,17	0	0	0	0	0	0	972	1,65
T12	34	18,36	12	6,48	20	10,8	138	74,52	0	0	0	0	70	83,3	0	0	0	0	0	0	240	1,78
T13	13	7,02	0	0	3	1,62	3	1,62	5	5,95	6	7,14	9	10,71	7	12,88	135	248,4	0	0	168	1,72
T14	0	0	6	3,24	8	4,32	120	64,8	0	0	0	0	70	83,3	0	0	0	0	0	0	204	1,76
T15	87	46,98	6	3,24	10	5,4	192	103,68	0	0	0	0	0	0	0	0	0	0	0	0	208	1,86
T16	64	34,56	12	6,48	24	12,96	356	192,24	124	147,56	0	0	0	0	0	0	0	0	0	0	516	0,99
T17	0	0	35	18,9	70	37,8	108	58,32	87	103,53	4	4,76	0	0	0	0	0	0	0	0	304	1,74
T18	0	0	18	9,72	21	11,34	8	4,32	63	74,97	0	0	0	0	10	18,4	0	0	0	0	120	1,20
T19	32	17,28	92	49,68	118	63,72	416	224,64	68	80,92	157	186,83	237	282,03	0	0	0	0	0	0	1088	1,82
T20	0	0	32	17,28	48	25,92	75	40,5	188	223,72	0	0	97	115,43	0	0	0	0	0	0	440	1,99
T21	0	0	5	2,7	6	3,24	10	5,4	5	5,95	180	214,2	34	40,46	0	0	0	0	0	0	240	0,93
T22	57	30,78	11	5,94	11	5,94	20	10,8	34	40,46	105	124,95	178	211,82	21	38,64	0	0	0	0	380	0,30
T23	0	0	40	21,6	6	3,24	21	11,34	30	35,7	48	57,12	88	104,72	15	27,6	0	0	0	0	248	1,23
T24	12	6,48	5	2,7	18	9,72	20	10,8	52	61,88	124	147,56	198	235,62	279	513,36	0	0	0	0	696	1,81
T25	0	0	4	2,16	6	3,24	5	2,7	8	9,52	59	70,21	89	105,91	237	436,08	0	0	0	0	408	2,01
T26	0	0	77	41,58	134	72,36	89	48,06	101	120,19	385	458,15	1198	1425,62	0	0	0	0	0	0	1984	1,81
T27	0	0	5	2,7	4	2,16	5	2,7	6	7,14	20	23,8	151	179,69	17	31,28	0	0	0	0	208	1,56
T28	209	112,86	70	37,8	131	70,74	63	34,02	124	147,56	284	337,96	378	449,82	318	585,12	0	0	0	0	1368	1,88
T29	20	10,8	7	3,78	7	3,78	9	4,86	13	15,47	57	67,83	134	159,46	181	333,04	0	0	0	0	408	1,93
T30	72	38,88	63	34,02	180	97,2	345	186,3	308	366,52	689	819,91	55	65,45	0	0	0	0	0	0	1712	1,84

Kode Blok	Skala 1 = rendah 0,22 - 0,86 m/s Rata-rata= 0,54 m/s								Skala 2 = sedang 0,87 - 1,51 m/s Rata-rata= 1,19 m/s						Skala 3 = tinggi 1,52 - 2,16 m/s Rata-rata= 1,84 m/s						Luasan Kecepatan angin Pada Lahan	Kecepatan Angin Rata-Rata (m/s)
	Area Biru Tua (m^2) (<0,24 m/s)		Area Biru Tosca (m^2) (0,25 – 0,48 m/s)		Area Biru Muda (m^2) (0,49 – 0,72 m/s)		Area Hijau Tua (m^2) (0,73 – 0,95 m/s)		Area Hijau Muda (m^2) (0,96 – 1,19 m/s)		Area Kuning (m^2) 1,20 – 1,43 m/s)		Area Orange (m^2) (1,44 – 1,67 m/s)		Area Merah (m^2) (1,68 – 1,91 m/s)		Area Pink Gelap (m^2) (1,92 – 2,15 m/s)		Area Ungu Cerah (m^2) (>2,16 m/s)			
(a)	(b)	(c)= b x 0,54 m/s	(d)	(e)= d x 0,54 m/s	(f)	(g)= f x 0,54 m/s	(h)	(i)= h x 0,54 m/s	(j)	(k)= j x 1,19 m/s	(l)	(m)= l x 1,19 m/s	(n)	(o)= n x 1,19 m/s	(p)	(q)= p x 1,84 m/s	(r)	(s) = r x 1,84 m/s	(t)	(u) = u x 1,84 m/s	(v)	(w)=(c+e+g+i+k+m+o+q+s+u)/v
T31	22	11,88	6	3,24	4	2,16	4	2,16	4	4,76	45	53,55	313	372,47	0	0	0	0	0	0	376	1,71
T32	110	59,4	138	74,52	207	111,78	311	167,94	463	550,97	151	179,69	0	0	0	0	0	0	0	0	1380	0,93
T33	89	48,06	6	3,24	6	3,24	4	2,16	5	5,95	30	35,7	67	79,73	138	253,92	0	0	0	0	256	1,12
T34	13	7,02	0	0	3	1,62	3	1,62	5	5,95	6	7,14	9	10,71	7	12,88	135	248,4	0	0	168	1,18
Kawasan Jembatan Merah																						
J0	0	0	0	0	8	4,32	7	3,78	12	14,28	3	3,57	14	16,66	48	88,32	100	184	304	559,36	496	1,58
J1	0	0	11	5,94	16	8,64	25	13,5	37	44,03	28	33,32	47	55,93	102	187,68	377	693,68	285	524,4	928	1,75
J2	0	0	0	0	4	2,16	4	2,16	4	4,76	10	11,9	10	11,9	20	36,8	76	139,84	400	736	528	1,67
J3	0	0	0	0	4	2,16	3	1,62	4	4,76	3	3,57	7	8,33	37	68,08	50	92	300	552	408	1,91
J4	0	0	4	2,16	12	6,48	12	6,48	12	14,28	87	103,53	109	129,71	388	713,92	235	432,4	117	215,28	976	2,05
J5	0	0	0	0	4	2,16	4	2,16	8	9,52	11	13,09	9	10,71	329	605,36	274	504,16	89	163,76	728	1,78
J6	0	0	0	0	5	2,7	7	3,78	7	8,33	10	11,9	18	21,42	46	84,64	21	38,64	250	460	364	1,57
J7	0	0	0	0	0	0	6	3,24	5	5,95	12	14,28	24	28,56	27	49,68	41	75,44	297	546,48	412	1,80
J8	0	0	8	4,32	14	7,56	18	9,72	20	23,8	101	120,19	56	66,64	217	399,28	134	246,56	0	0	568	2,15
J9	0	0	22	11,88	0	0	0	0	0	0	0	0	0	0	0	0	30	55,2	98	180,32	128	0,54
J10	34	18,36	0	0	0	0	7	3,78	6	7,14	7	8,33	10	11,9	5	9,2	19	34,96	102	187,68	156	1,70
J11	0	0	0	0	0	0	0	0	0	0	5	5,95	5	5,95	3	5,52	42	77,28	121	222,64	176	1,91
J12	0	0	0	0	0	0	0	0	0	0	0	0	5	5,95	10	18,4	37	68,08	120	220,8	172	1,90
J13	0	0	0	0	0	0	0	0	0	0	3	3,57	4	4,76	6	11,04	21	38,64	106	195,04	140	1,53
J14	0	0	0	0	0	0	0	0	3	3,57	3	3,57	6	7,14	5	9,2	35	64,4	128	235,52	180	1,61
J15	0	0	22	11,88	0	0	0	0	0	0	0	0	5	5,95	3	5,52	12	22,08	96	176,64	116	1,93
J16	0	0	6	3,24	47	25,38	30	16,2	35	41,65	34	40,46	48	57,12	83	152,72	151	277,84	490	901,6	924	1,77
J17	0	0	0	0	0	0	4	2,16	4	4,76	5	5,95	12	14,28	10	18,4	52	95,68	217	399,28	304	1,63
J18	0	0	5	2,7	5	2,7	3	1,62	8	9,52	8	9,52	12	14,28	49	90,16	140	257,6	314	577,76	544	1,99
J19	0	0	3	1,62	0	0	0	0	18	21,42	3	3,57	6	7,14	28	51,52	89	163,76	282	518,88	416	2,00
J20	0	0	4	2,16	4	2,16	10	5,4	5	5,95	17	20,23	26	30,94	33	60,72	24	44,16	112	206,08	248	2,00
J21	0	0	0	0	0	0	3	1,62	8	9,52	8	9,52	6	7,14	10	18,4	4	7,36	76	139,84	112	1,87
J22	0	0	4	2,16	12	6,48	16	8,64	11	13,09	17	20,23	38	45,22	37	68,08	56	103,04	108	198,72	296	1,15
J23	0	0	0	0	3	1,62	5	2,7	8	9,52	8	9,52	10	11,9	9	16,56	21	38,64	125	230	192	2,05
J24	0	0	4	2,16	12	6,48	12	6,48	33	39,27	12	14,28	15	17,85	30	55,2	81	149,04	138	253,92	312	1,71
J25	0	0	24	12,96	12	6,48	23	12,42	21	24,99	54	64,26	52	61,88	149	274,16	281	517,04	38	69,92	696	1,54
J26	0	0	8	4,32	7	3,78	10	5,4	77	91,63	85	101,15	131	155,89	105	193,2	156	287,04	0	0	392	2,09
J27	0	0	37	19,98	40	21,6	45	24,3	25	29,75	175	208,25	218	259,42	290	533,6	1285	2364,4	2805	5161,2	4972	2,00
J28	0	0	24	12,96	16	8,64	18	9,72	20	23,8	102	121,38	100	119	385	708,4	692	1273,28	947	17424,	10832	1,22

Kode Blok	Skala 1 = rendah 0,22 - 0,86 m/s Rata-rata= 0,54 m/s								Skala 2 = sedang 0,87 - 1,51 m/s Rata-rata= 1,19 m/s						Skala 3 = tinggi 1,52 - 2,16 m/s Rata-rata= 1,84 m/s						Luasan Kecepatan angin Pada Lahan	Kecepatan Angin Rata-Rata (m/s)
	Area Biru Tua (m^2) (<0,24 m/s)		Area Biru Tosca (m^2) (0,25 – 0,48 m/s)		Area Biru Muda (m^2) (0,49 – 0,72 m/s)		Area Hijau Tua (m^2) (0,73 – 0,95 m/s)		Area Hijau Muda (m^2) (0,96 – 1,19 m/s)		Area Kuning (m^2) 1,20 – 1,43 m/s)		Area Orange (m^2) (1,44 – 1,67 m/s)		Area Merah (m^2) (1,68 – 1,91 m/s)		Area Pink Gelap (m^2) (1,92 – 2,15 m/s)		Area Ungu Cerah (m^2) (>2,16 m/s)			
(a)	(b)	(c)= b x 0,54 m/s	(d)	(e)= d x 0,54 m/s	(f)	(g)= f x 0,54 m/s	(h)	(i)= h x 0,54 m/s	(j)	(k)= j x 1,19 m/s	(l)	(m)= l x 1,19 m/s	(n)	(o)= n x 1,19 m/s	(p)	(q)= p x 1,84 m/s	(r)	(s) = r x 1,84 m/s	(t)	(u) = u x 1,84 m/s	(v)	(w)=(c+e +g+i+k+ m+o+q+ s+u)/v
																			0	8		
J29	0	0	5	2,7	17	9,18	24	12,96	5	5,95	58	69,02	74	88,06	117	215,28	185	340,4	320	588,8	820	1,54
J30	0	0	0	0	0	0	3	1,62	24	28,56	12	14,28	22	26,18	63	115,92	157	288,88	290	533,6	552	1,94
J31	0	0	12	6,48	21	11,34	5	2,7	3	3,57	15	17,85	56	66,64	15	27,6	231	425,04	189	347,76	568	1,57
J32	0	0	5	2,7	17	9,18	24	12,96	11	13,09	10	11,9	14	16,66	42	77,28	74	136,16	231	425,04	420	1,63
J33	0	0	0	0	4	2,16	8	4,32	4	4,76	14	16,66	10	11,9	18	33,12	62	114,08	301	553,84	428	1,60
J34	0	0	0	0	10	5,4	0	0	0	0	11	13,09	15	17,85	18	33,12	22	40,48	120	220,8	200	1,00
J35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	27,6	137	252,08	152	1,68
J36	0	0	0	0	2	1,08	0	0	0	0	0	0	15	17,85	30	55,2	12	22,08	113	207,92	172	1,72
J37	0	0	0	0	8	4,32	12	6,48	0	0	4	4,76	12	14,28	45	82,8	89	163,76	174	320,16	344	1,67
J38	0	0	0	0	0	0	0	0	0	0	5	5,95	15	17,85	20	36,8	48	88,32	200	368	288	1,82
J39	0	0	8	4,32	10	5,4	10	5,4	24	28,56	201	239,19	351	417,69	140	257,6	48	88,32	0	0	792	1,93

Lampiran 8. Perhitungan Kelembapan Udara Pukul 09:00 di Kawasan CBD

Kode Blok	Skala = 1 (rendah) 79,54 - 80,75 % Rata-rata= 80,15		Skala = 2 (sedang) 80,76 - 81,97 % Rata-rata= 81,37		Skala = 3 (tinggi) 81,98 - 83,19 % Rata-rata= 82,59		Luasan Kelembapan udara Pada Lahan	Kelembapan Udara Rata-Rata (m/s)
	Area Biru Tua (m^2) (<79,54 %)		Area Biru Tosca (m^2) (79,55 – 81,36 %)		Area Biru Muda (m^2) (81,37 – 83,18 %)			
(b)	(c)	(d)= c x 80,15 %	(e)	(f)= e x 81,37 %	(g)	(h)= g x 82,59 %	(i)	(j) = (d+f+h)/i
Kawasan Tunjungan								
T0	307	24606,05	585	47601,45	608	50214,72	1500	81,98
T1	602	48250,3	314	25550,18	188	15526,92	1104	80,90
T2	0	0	1132	92110,84	104	8589,36	1236	81,01
T3	1263	101229,5	221	17982,77	0	0	1484	81,33
T4	240	19236	0	0	0	0	240	81,55
T5	448	35907,2	0	0	0	0	448	81,15
T6	0	0	361	29374,57	79	6524,61	440	80,76
T7	37	2965,55	136	11066,32	0	0	180	81,06
T8	282	22602,3	0	0	0	0	112	81,15
T9	165	13224,75	35	2847,95	0	0	200	81,36
T10	1178	94416,7	265	21563,05	117	9663,03	1560	80,94
T11	837	67085,55	188	15297,56	67	5533,53	972	80,85
T12	0	0	169	13751,53	71	5863,89	240	80,78
T13	382	30617,3	318	25875,66	0	0	700	80,76
T14	32	2564,8	141	11473,17	63	5203,17	204	80,79
T15	0	0	151	12286,87	57	4707,63	208	79,97
T16	28	2244,2	391	31815,67	35	2890,65	516	81,14
T17	232	18594,8	132	10740,84	57	4707,63	304	81,00
T18	0	0	120	9764,4	0	0	120	82,92
T19	232	18594,8	403	32792,11	472	38982,48	1088	81,00
T20	53	4247,95	232	18877,84	208	17178,72	440	81,00
T21	0	0	71	5777,27	169	13957,71	240	83,01
T22	754	60433,1	241	19610,17	0	0	380	82,13
T23	0	0	164	13344,68	84	6937,56	248	81,78
T24	0	0	277	22539,49	419	34605,21	696	81,10
T25	0	0	89	7241,93	319	26346,21	408	80,88
T26	0	0	1503	122299,1	481	39725,79	1984	81,11
T27	0	0	0	0	208	17178,72	208	80,89
T28	0	0	115	9357,55	1253	103485,3	1368	80,79
T29	0	0	408	33198,96	0	0	408	80,77
T30	120	9618	1492	121404	100	8259	1712	80,78
T31	0	0	376	30595,12	0	0	376	80,71
T32	0	0	820	66723,4	560	46250,4	1380	80,76
T33	0	0	31	2522,47	225	18582,75	256	82,29
T34	41	3286,15	143	11635,91	0	0	184	81,82
Kawasan Jembatan Merah								
J0	51	4087,65	130	10578,1	271	22381,89	452	80,22
J1	0	0	304	24736,48	0	0	304	80,37
J2	0	0	112	9113,44	0	0	112	80,11
J3	0	0	124	10089,88	0	0	124	80,27
J4	0	0	377	30676,49	59	4872,81	436	80,54
J5	0	0	68	5533,16	140	11562,6	208	80,19
J6	0	0	100	8137	492	40634,28	592	80,38
J7	0	0	12	976,44	64	5285,76	76	80,29
J8	0	0	140	11391,8	0	0	140	80,59
J9	0	0	0	0	116	9580,44	116	80,66
J10	0	0	0	0	276	22794,84	276	79,93
J11	78	6251,7	0	0	562	46415,58	640	80,29
J12	0	0	0	0	104	8589,36	104	80,59
J13	0	0	299	24329,63	89	7350,51	388	80,20
J14	0	0	218	17738,66	278	22960,02	496	80,89
J15	400	32060	360	29293,2	168	13875,12	928	80,06
J16	0	0	272	22132,64	256	21143,04	528	80,32
J17	0	0	337	27421,69	71	5863,89	408	80,52

Kode Blok	Skala = 1 (rendah) 79,54 - 80,75 % Rata-rata= 80,15		Skala = 2 (sedang) 80,76 - 81,97 % Rata-rata= 81,37		Skala = 3 (tinggi) 81,98 - 83,19 % Rata-rata= 82,59		Luasan Kelembapan udara Pada Lahan	Kelembapan Udara Rata-Rata (m/s)
	Area Biru Tua (m^2) (<79,54 %)		Area Biru Tosca (m^2) (79,55 – 81,36 %)		Area Biru Muda (m^2) (81,37 – 83,18 %)			
(b)	(c)	(d)= c x 80,15 %	(e)	(f)= e x 81,37 %	(g)	(h)= g x 82,59 %	(i)	(j) = (d+f+h)/i
J18	0	0	405	32954,85	571	47158,89	976	80,08
J19	0	0	299	24329,63	429	35431,11	728	80,27
J20	0	0	153	12449,61	211	17426,49	364	80,66
J21	0	0	90	7323,3	322	26593,98	412	80,32
J22	0	0	56	4556,72	72	5946,48	128	81,78
J23	0	0	62	5044,94	94	7763,46	156	80,11
J24	0	0	71	5777,27	105	8671,95	176	81,29
J25	0	0	55	4475,35	117	9663,03	172	80,20
J26	0	0	59	4800,83	81	6689,79	140	80,28
J27	0	0	92	7486,04	88	7267,92	180	81,91
J28	0	0	64	5207,68	52	4294,68	116	79,94
J29	0	0	904	73558,48	20	1651,8	924	80,37
J30	71	5690,65	233	18959,21	0	0	304	80,11
J31	0	0	261	21237,57	283	23372,97	544	80,00
J32	0	0	0	0	416	34357,44	416	80,00
J33	0	0	248	20179,76	0	0	248	80,11
J34	0	0	112	9113,44	0	0	112	79,78
J35	0	0	296	24085,52	0	0	296	79,99
J36	0	0	192	15623,04	0	0	192	80,00
J37	0	0	312	25387,44	0	0	312	80,25
J38	0	0	696	56633,52	0	0	696	80,35
J39	77	6171,55	235	19121,95	0	0	312	82,59

Lampiran 9. Perhitungan Kelembapan Udara Pukul 12:00 di Kawasan CBD

Kode Blok	Skala = 1 (rendah) 79,54 - 80,75 % Rata-rata= 80,15		Skala = 2 (sedang) 80,76 - 81,97 % Rata-rata= 81,37		Skala = 3 (tinggi) 81,98 - 83,19 % Rata-rata= 82,59		Luasan Kelembapan udara Pada Lahan	Kelembapan Udara Rata-Rata (m/s)
	Area Biru Tua (m^2) (<79,54 %)		Area Biru Tosca (m^2) (79,55 – 81,36 %)		Area Biru Muda (m^2) (81,37 – 83,18 %)			
(b)	(c)	(d)= c x 80,15 %	(e)	(f)= e x 81,37 %	(g)	(h)= g x 82,59 %	(i)	(j) = (d+f+h)/i
Kawasan Tunjungan								
T0	105	8415,75	781	63549,97	614	50710,26	1500	82,22
T1	342	27411,3	314	25550,18	188	15526,92	1104	80,90
T2	221	17713,15	1132	92110,84	104	8589,36	1236	81,88
T3	532	42639,8	221	17982,77	0	0	1484	81,33
T4	111	8896,65	0	0	22	1816,98	240	80,45
T5	312	25006,8	0	0	0	0	448	80,92
T6	223	17873,45	361	29374,57	33	2725,47	440	80,18
T7	44	3526,6	136	11066,32	0	0	180	80,00
T8	112	8976,8	0	0	0	0	112	80,16
T9	165	13224,75	35	2847,95	552	45589,68	200	80,01
T10	1178	94416,7	265	21563,05	232	19160,88	1560	80,66
T11	717	57467,55	188	15297,56	67	5533,53	972	79,80
T12	0	0	169	13751,53	71	5863,89	240	79,99
T13	127	10179,05	197	16029,89	0	0	324	80,34
T14	0	0	141	11473,17	63	5203,17	204	80,34
T15	0	0	151	12286,87	112	9250,08	208	80,59
T16	90	7213,5	391	31815,67	543	44846,37	516	80,14
T17	115	9217,25	132	10740,84	2232	184340,9	304	80,10
T18	0	0	120	9764,4	534	44103,06	120	81,29
T19	213	17071,95	403	32792,11	472	38982,48	1088	80,34
T20	0	0	232	18877,84	208	17178,72	440	81,00
T21	0	0	71	5777,27	169	13957,71	240	83,19
T22	139	11140,85	241	19610,17	0	0	380	80,92
T23	0	0	164	13344,68	84	6937,56	248	81,78
T24	0	0	277	22539,49	419	34605,21	696	80,34
T25	0	0	89	7241,93	319	26346,21	408	80,34
T26	0	0	1503	122299,1	481	39725,79	1984	80,34
T27	0	0	0	0	208	17178,72	208	80,59
T28	0	0	115	9357,55	1253	103485,3	1368	80,49
T29	0	0	408	33198,96	0	0	408	80,34
T30	120	9618	1492	121404	100	8259	1712	80,70
T31	0	0	376	30595,12	0	0	376	80,91
T32	0	0	820	66723,4	560	46250,4	1380	80,17
T33	0	0	64	5207,68	192	15857,28	256	81,00
T34	1492	119583,8	0	0	0	0	1492	80,87
Kawasan Jembatan Merah								
J0	329	26369,35	123	10008,51	0	0	452	79,78
J1	0	0	304	24736,48	0	0	304	79,81
J2	335	26850,25	112	9113,44	0	0	112	80,00
J3	24	1923,6	124	10089,88	0	0	124	80,00
J4	0	0	436	35477,32	0	0	436	79,87
J5	1131	90649,65	208	16924,96	0	0	208	79,90
J6	0	0	449	36535,13	143	11810,37	592	80,20
J7	0	0	68	5533,16	8	660,72	76	82,59
J8	0	0	140	11391,8	0	0	140	79,88
J9	0	0	0	0	116	9580,44	116	80,59
J10	0	0	0	0	276	22794,84	276	80,00
J11	316	25327,4	151	12286,87	173	14288,07	640	79,99
J12	0	0	35	2847,95	69	5698,71	104	80,29
J13	0	0	362	29455,94	26	2147,34	388	80,20
J14	0	0	180	14646,6	316	26098,44	496	80,22
J15	448	35907,2	266	21644,42	214	17674,26	928	80,04
J16	0	0	118	9601,66	410	33861,9	528	80,12
J17	0	0	361	29374,57	47	3881,73	408	80,22

Kode Blok	Skala = 1 (rendah) 79,54 - 80,75 % Rata-rata= 80,15		Skala = 2 (sedang) 80,76 - 81,97 % Rata-rata= 81,37		Skala = 3 (tinggi) 81,98 - 83,19 % Rata-rata= 82,59		Luasan Kelembapan udara Pada Lahan	Kelembapan Udara Rata-Rata (m/s)
	Area Biru Tua (m^2) (<79,54 %)		Area Biru Tosca (m^2) (79,55 – 81,36 %)		Area Biru Muda (m^2) (81,37 – 83,18 %)			
(b)	(c)	(d)= c x 80,15 %	(e)	(f)= e x 81,37 %	(g)	(h)= g x 82,59 %	(i)	(j) = (d+f+h)/i
J18	0	0	232	18877,84	526	43442,34	976	80,08
J19	0	0	229	18633,73	499	41212,41	728	80,00
J20	0	0	63	5126,31	301	24859,59	364	80,29
J21	0	0	122	9927,14	290	23951,1	412	80,32
J22	0	0	35	2847,95	93	7680,87	128	79,78
J23	22	1763,3	47	3824,39	109	9002,31	156	80,11
J24	0	0	86	6997,82	90	7433,1	176	80,29
J25	223	17873,45	61	4963,57	111	9167,49	172	80,20
J26	0	0	53	4312,61	77	6359,43	140	80,28
J27	0	0	100	8137	80	6607,2	180	79,88
J28	0	0	62	5044,94	54	4459,86	116	79,78
J29	0	0	924	75185,88	0	0	924	80,00
J30	115	9217,25	189	15378,93	0	0	304	80,11
J31	82	6572,3	278	22620,86	184	15196,56	544	79,88
J32	0	0	232	18877,84	209	17261,31	416	80,00
J33	53	4247,95	248	20179,76	0	0	248	80,11
J34	32	2564,8	112	9113,44	0	0	112	80,01
J35	0	0	296	24085,52	0	0	296	80,39
J36	153	12262,95	192	15623,04	0	0	192	80,39
J37	0	0	334	27177,58	0	0	312	80,00
J38	0	0	696	56633,52	0	0	696	79,77
J39	522	41838,3	4078	331826,9	372	30723,48	4972	80,33

Lampiran 10. Perhitungan Kelembapan Udara Pukul 15:00 di Kawasan CBD

Kode Blok	Skala = 1 (rendah) 79,54 - 80,75 % Rata-rata= 80,15		Skala = 2 (sedang) 80,76 - 81,97 % Rata-rata= 81,37		Skala = 3 (tinggi) 81,98 - 83,19 % Rata-rata= 82,59		Luasan Kelembapan udara Pada Lahan	Kelembapan Udara Rata-Rata (m/s)
	Area Biru Tua (m^2) (<79,54 %)		Area Biru Tosca (m^2) (79,55 – 81,36 %)		Area Biru Muda (m^2) (81,37 – 83,18 %)			
(b)	(c)	(d)= c x 80,15 %	(e)	(f)= e x 81,37 %	(g)	(h)= g x 82,59 %	(i)	(j) = (d+f+h)/i
Kawasan Tunjungan								
T0	319	25567,85	352	28642,24	829	68467,11	1500	82,00
T1	605	48490,75	282	22946,34	217	17922,03	1104	81,12
T2	348	27892,2	836	68025,32	52	4294,68	1236	82,00
T3	1199	96099,85	274	22295,38	11	908,49	1484	81,31
T4	33	2644,95	14	1139,18	0	0	240	80,77
T5	522	41838,3	37	3010,69	0	0	448	81,91
T6	33	2644,95	188	15297,56	252	20812,68	440	80,90
T7	76	6091,4	97	7892,89	7	578,13	180	81,07
T8	320	25648	0	0	0	0	112	81,15
T9	160	12824	40	3254,8	0	0	200	80,21
T10	1167	93535,05	317	25794,29	76	6276,84	1560	80,77
T11	253	20277,95	392	31897,04	28	2312,52	972	80,77
T12	0	0	189	15378,93	51	4212,09	240	80,91
T13	168	13465,2	0	0	0	0	168	80,87
T14	335	26850,25	117	9520,29	87	7185,33	204	80,77
T15	0	0	145	11798,65	63	5203,17	208	81,11
T16	137	10980,55	357	29049,09	22	1816,98	516	80,66
T17	142	11381,3	151	12286,87	11	908,49	304	80,13
T18	0	0	0	0	120	9910,8	120	81,93
T19	220	17633	684	55657,08	184	15196,56	1088	80,00
T20	0	0	334	27177,58	106	8754,54	440	81,77
T21	0	0	113	9194,81	127	10488,93	240	82,20
T22	206	16510,9	98	7974,26	76	6276,84	380	83,11
T23	0	0	230	18715,1	18	1486,62	248	82,00
T24	0	0	165	13426,05	531	43855,29	696	81,10
T25	0	0	72	5858,64	336	27750,24	408	81,00
T26	0	0	341	27747,17	1643	135695,4	1984	81,00
T27	0	0	0	0	208	17178,72	208	81,00
T28	0	0	127	10333,99	1241	102494,2	1368	81,75
T29	0	0	117	9520,29	291	24033,69	408	81,37
T30	0	0	70	5695,9	1642	135612,8	1712	81,11
T31	0	0	180	14646,6	196	16187,64	376	81,11
T32	0	0	899	73151,63	481	39725,79	1380	81,00
T33	0	0	0	0	256	21143,04	256	81,29
T34	0	0	139	11310,43	621	51288,39	760	81,54
Kawasan Jembatan Merah								
J0	452	36227,8	0	0	0	0	452	80,22
J1	304	24365,6	0	0	0	0	304	80,37
J2	112	8976,8	0	0	0	0	112	80,11
J3	124	9938,6	0	0	0	0	124	80,27
J4	297	23804,55	139	11310,43	0	0	436	80,54
J5	0	0	208	16924,96	0	0	208	80,19
J6	0	0	592	48171,04	0	0	592	80,38
J7	0	0	76	6184,12	0	0	76	80,39
J8	41	3286,15	480	39057,6	284	23455,56	764	80,17
J9	0	0	116	9438,92	0	0	116	80,59
J10	0	0	276	22458,12	0	0	276	79,93
J11	258	20678,7	382	31083,34	0	0	640	80,29
J12	0	0	104	8462,48	0	0	104	80,29
J13	0	0	388	31571,56	0	0	388	80,50
J14	0	0	496	40359,52	0	0	496	80,00
J15	507	40636,05	421	34256,77	0	0	928	80,21
J16	0	0	408	33198,96	120	9910,8	528	80,72
J17	0	0	360	29293,2	48	3964,32	408	80,51

Kode Blok	Skala = 1 (rendah) 79,54 - 80,75 % Rata-rata= 80,15		Skala = 2 (sedang) 80,76 - 81,97 % Rata-rata= 81,37		Skala = 3 (tinggi) 81,98 - 83,19 % Rata-rata= 82,59		Luasan Kelembapan udara Pada Lahan	Kelembapan Udara Rata-Rata (m/s)
	Area Biru Tua (m^2) (<79,54 %)		Area Biru Tosca (m^2) (79,55 – 81,36 %)		Area Biru Muda (m^2) (81,37 – 83,18 %)			
(b)	(c)	(d)= c x 80,15 %	(e)	(f)= e x 81,37 %	(g)	(h)= g x 82,59 %	(i)	(j) = (d+f+h)/i
J18	0	0	525	42719,25	451	37248,09	976	80,08
J19	0	0	209	17006,33	519	42864,21	728	80,09
J20	0	0	176	14321,12	188	15526,92	364	80,29
J21	0	0	156	12693,72	256	21143,04	412	80,32
J22	0	0	37	3010,69	91	7515,69	128	79,78
J23	0	0	44	3580,28	112	9250,08	156	80,11
J24	0	0	74	6021,38	102	8424,18	176	80,29
J25	0	0	64	5207,68	108	8919,72	172	80,07
J26	0	0	50	4068,5	90	7433,1	140	80,28
J27	0	0	93	7567,41	87	7185,33	180	80,11
J28	0	0	36	2929,32	80	6607,2	116	80,00
J29	0	0	899	73151,63	25	2064,75	924	82,59
J30	79	6331,85	225	18308,25	0	0	304	80,66
J31	87	6973,05	244	19854,28	213	17591,67	544	80,00
J32	0	0	209	17006,33	207	17096,13	416	80,00
J33	0	0	248	20179,76	0	0	248	80,24
J34	312	25006,8	44	3580,28	0	0	112	80,00
J35	0	0	296	24085,52	0	0	296	80,39
J36	12	961,8	180	14646,6	0	0	192	80,70
J37	0	0	312	25387,44	0	0	312	79,88
J38	0	0	696	56633,52	0	0	696	80,25
J39	0	0	392	31897,04	0	0	392	80,59

Lampiran 11. Data Ordinal Analisis *Crosstab* Intensitas bangunan dan Iklim Mikro di Kawasan CBD

Blok	Ketinggian Bangunan	Kepadatan Bangunan	KDB	KLB	Suhu udara			Kelembapan udara			Kecepatan angin		
					09.00	12.00	15.00	09.00	12.00	15.00	09.00	12.00	15.00
Kawasan Tunjungan													
T0	3	2	2	3	2	2	2	3	3	3	1	2	2
T1	2	2	2	3	1	3	2	2	2	2	1	2	3
T2	2	2	3	3	1	3	2	2	2	2	1	3	3
T3	2	2	2	3	2	2	2	2	2	2	1	3	3
T4	1	2	3	1	2	3	2	1	1	1	2	3	3
T5	2	2	2	3	2	2	2	2	2	2	1	2	3
T6	1	2	2	1	2	2	2	1	1	1	2	3	3
T7	1	2	2	2	2	2	2	1	1	2	2	3	3
T8	1	3	3	2	3	3	2	1	1	2	2	3	3
T9	1	3	3	1	2	3	3	1	1	1	2	3	3
T10	1	3	2	3	2	3	2	1	1	1	2	3	3
T11	1	2	2	3	2	3	2	1	1	1	2	3	3
T12	1	2	2	3	2	2	2	1	1	1	2	3	3
T13	1	2	3	3	2	3	3	1	1	1	2	3	3
T14	1	3	3	1	2	3	3	1	1	1	2	3	3
T15	1	3	3	1	2	3	3	1	1	1	2	3	3
T16	2	2	2	3	2	2	2	2	1	1	2	3	2
T17	1	2	2	3	2	2	2	1	1	1	2	3	3
T18	3	2	2	3	3	2	2	3	2	2	1	2	2
T19	1	2	3	1	3	3	2	1	1	1	2	3	3
T20	2	1	2	3	1	2	2	2	2	2	1	2	3
T21	3	1	2	3	1	2	2	3	2	3	1	3	2
T22	3	2	2	3	1	2	2	3	2	3	1	3	2
T23	3	3	2	3	1	2	2	3	2	3	1	3	2
T24	1	3	3	2	3	3	3	1	1	1	2	3	3
T25	1	3	3	1	2	3	3	2	1	1	2	3	3
T26	1	2	2	1	2	3	2	2	1	1	2	3	3
T27	1	3	2	3	2	2	2	1	1	1	2	3	3
T28	1	3	1	1	3	3	2	1	1	1	2	3	3
T29	1	3	3	1	2	3	3	1	1	1	2	3	3
T30	1	3	2	2	2	3	3	1	1	1	2	3	3
T31	1	3	2	1	2	3	2	1	1	1	2	3	3
T32	1	3	3	1	3	3	3	1	1	1	2	3	2
T33	3	1	3	3	3	1	2	3	2	2	1	2	2
T34	2	3	2	3	1	3	2	2	2	1	2	3	2
Kawasan Jembatan Merah													
J0	1	3	3	1	3	3	3	1	1	1	3	3	3
J1	1	2	3	1	3	3	3	1	1	1	3	3	3
J2	1	3	3	1	3	3	3	1	1	1	3	3	3
J3	1	3	3	1	3	3	3	1	1	1	2	3	3
J4	1	3	3	1	3	3	3	1	1	1	2	3	3
J5	1	3	3	2	3	3	3	1	1	1	3	3	3
J6	1	3	3	2	3	3	3	1	1	1	3	3	3
J7	1	3	3	2	3	3	2	1	1	1	2	3	3
J8	1	3	3	1	3	3	3	1	1	1	2	3	3
J9	1	3	3	1	2	3	2	1	1	1	2	3	3
J10	1	3	3	2	3	3	3	1	1	1	2	3	3
J11	1	3	3	2	3	3	3	1	1	1	2	3	3
J12	1	3	3	2	3	3	2	1	1	1	2	3	3
J13	1	3	3	2	3	3	3	1	1	1	2	3	3
J14	1	3	3	1	3	3	3	1	1	1	2	3	3
J15	1	3	3	1	3	3	3	1	1	1	2	3	3
J16	1	3	3	1	3	3	3	1	1	1	2	3	3
J17	1	2	3	1	3	3	3	1	1	1	2	3	3
J18	1	3	3	1	3	3	3	1	1	1	2	3	3
J19	1	3	3	1	3	3	2	1	1	1	2	3	3
J20	1	3	3	1	2	3	2	1	1	1	3	3	3

J21	1	3	2	1	3	3	2	1	1	1	3	3	3
J22	1	3	3	2	3	3	3	2	1	1	2	3	2
J23	1	3	3	1	3	3	3	1	1	1	2	3	3
J24	1	3	3	2	3	3	3	2	1	1	2	3	3
J25	1	3	3	1	3	3	3	1	1	1	3	3	3
J26	1	3	3	1	3	3	3	1	1	1	2	3	3
J27	1	3	3	1	3	3	3	2	1	1	2	3	3
J28	1	3	3	1	3	3	3	1	1	1	2	3	2
J29	1	3	3	1	3	3	3	1	1	1	3	3	3
J30	1	3	3	1	3	3	2	1	1	1	3	3	3
J31	1	3	2	1	3	3	2	1	1	1	3	3	3
J32	1	3	3	1	3	3	3	1	1	1	2	3	3
J33	1	3	3	1	3	3	3	1	1	1	2	3	3
J34	1	3	3	1	3	3	3	1	1	1	2	3	2
J35	1	3	3	1	3	3	3	1	1	1	3	3	3
J36	1	2	3	1	3	3	3	1	1	1	2	3	3
J37	1	2	3	1	3	3	2	1	1	1	3	3	3
J38	1	3	3	1	3	3	2	1	1	1	3	3	3
J39	1	3	3	2	2	3	3	2	1	1	2	3	3

Lampiran 12. Uji Analisis *Crosstab*

1. KDB terhadap Suhu udara (pukul 09:00 WIB)

Crosstab

Count

		KDB			Total
		rendah	sedang	tinggi	
suhu_9am	rendah	0	6	1	7
	sedang	0	14	10	24
	tinggi	1	3	40	44
Total		1	23	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	30.586[a]	4	.000
Likelihood Ratio	32.695	4	.000
Linear-by-Linear Association	21.522	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.539	.110	5.472	.000[c]
Ordinal by Ordinal	Spearman Correlation	.588	.095	6.213	.000[c]
N of Valid Cases		75			

2. KDB terhadap kelembapan udara (pukul 09:00 WIB)

Crosstab

Count

		KDB			Total
		rendah	sedang	tinggi	
kelembapan_9am	rendah	1	11	44	56
	sedang	0	7	6	13
	tinggi	0	5	1	6
Total		1	23	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	14.421[a]	4	.006
Likelihood Ratio	13.916	4	.008
Linear-by-Linear Association	10.387	1	.001
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.375	.113	-3.453	.001[c]
Ordinal by Ordinal	Spearman Correlation	-.394	.114	-3.658	.000[c]
N of Valid Cases		75			

3. KDB terhadap kecepatan angin (pukul 09:00 WIB)

Crosstab

Count

		KDB			Total
		rendah	sedang	tinggi	
angin_9am	rendah	0	9	2	11
	sedang	1	12	37	50
	tinggi	0	2	12	14
Total		1	23	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	16.760[a]	4	.002
Likelihood Ratio	16.073	4	.003
Linear-by-Linear Association	10.198	1	.001
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.371	.098	3.416	.001[c]
Ordinal by Ordinal	Spearman Correlation	.385	.102	3.564	.001[c]
N of Valid Cases		75			

4. Ketinggian bangunan terhadap suhu udara (pukul 09:00 WIB)

Crosstab

Count

		Ketinggian_bangunan			Total
		rendah	sedang	tinggi	
suhu_9am	rendah	0	4	3	7
	sedang	20	3	1	24
	tinggi	42	0	2	44
Total		62	7	6	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	39.895[a]	4	.000
Likelihood Ratio	35.157	4	.000
Linear-by-Linear Association	20.395	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.525	.122	-5.270	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.508	.109	-5.034	.000[c]
N of Valid Cases		75			

5. Ketinggian bangunan terhadap kelembapan udara (pukul 09:00 WIB)

Crosstab

Count

		Ketinggian_bangunan			Total
		rendah	sedang	tinggi	
kelembapan_9am	rendah	56	0	0	56
	sedang	6	7	0	13
	tinggi	0	0	6	6
Total		62	7	6	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.115E2[a]	4	.000
Likelihood Ratio	69.170	4	.000
Linear-by-Linear Association	59.978	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.900	.043	17.671	.000[c]
Ordinal by Ordinal	Spearman Correlation	.825	.066	12.478	.000[c]
N of Valid Cases		75			

6. Ketinggian bangunan terhadap kecepatan angin (pukul 09:00 WIB)

Crosstab

Count

		Ketinggian_bangunan			Total
		rendah	sedang	tinggi	
angin_9am	rendah	0	5	6	11
	sedang	48	2	0	50
	tinggi	14	0	0	14
Total		62	7	6	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	63.794[a]	4	.000
Likelihood Ratio	55.162	4	.000
Linear-by-Linear Association	35.825	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.696	.046	-8.277	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.700	.073	-8.366	.000[c]
N of Valid Cases		75			

7. Kepadatan bangunan terhadap suhu udara (pukul 09:00 WIB)

Crosstab

Count

		Kepadatan_bangunan			Total
		rendah	sedang	tinggi	
suhu_9am	rendah	2	3	2	7
	sedang	0	11	13	24
	tinggi	1	7	36	44
Total		3	21	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	20.940[a]	4	.000
Likelihood Ratio	16.153	4	.003
Linear-by-Linear Association	12.439	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.410	.125	3.841	.000[c]
Ordinal by Ordinal	Spearman Correlation	.384	.113	3.552	.001[c]
N of Valid Cases		75			

8. Kepadatan bangunan terhadap kelembapan udara (pukul 09:00 WIB)

Crosstab

Count

		Kepadatan_bangunan			Total
		rendah	sedang	tinggi	
kelembapan_9am	rendah	0	13	43	56
	sedang	1	5	7	13
	tinggi	2	3	1	6
Total		3	21	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	20.937[a]	4	.000
Likelihood Ratio	15.939	4	.003
Linear-by-Linear Association	15.967	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.465	.117	-4.482	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.381	.120	-3.519	.001[c]
N of Valid Cases		75			

9. Kepadatan bangunan terhadap kecepatan angin (pukul 09:00 WIB)

Crosstab

Count

		Kepadatan_bangunan			Total
		rendah	sedang	tinggi	
angin_9am	rendah	3	7	1	11
	sedang	0	11	39	50
	tinggi	0	3	11	14
Total		3	21	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	29.881[a]	4	.000
Likelihood Ratio	25.957	4	.000
Linear-by-Linear Association	15.685	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.460	.102	4.431	.000[c]
Ordinal by Ordinal	Spearman Correlation	.418	.116	3.931	.000[c]
N of Valid Cases		75			

10. KLB terhadap suhu udara (pukul 09:00 WIB)

Crosstab

Count

		KLB			
		rendah	sedang	tinggi	Total
suhu_9am	rendah	0	0	7	7
	sedang	11	3	10	24
	tinggi	31	11	2	44
Total		42	14	19	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	34.183[a]	4	.000
Likelihood Ratio	36.152	4	.000
Linear-by-Linear Association	25.460	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.587	.080	-6.188	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.517	.099	-5.158	.000[c]
N of Valid Cases		75			

11. KLB terhadap kelembapan udara (pukul 09:00 WIB)

Crosstab

Count

		KLB			
		rendah	sedang	tinggi	Total
kelembapan_9am	rendah	39	11	6	56
	sedang	3	3	7	13
	tinggi	0	0	6	6
Total		42	14	19	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	31.122[a]	4	.000
Likelihood Ratio	30.787	4	.000
Linear-by-Linear Association	26.802	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.602	.080	6.438	.000[c]
Ordinal by Ordinal	Spearman Correlation	.570	.093	5.925	.000[c]
N of Valid Cases		75			

12. KLB terhadap kecepatan angin (pukul 09:00 WIB)

Crosstab

Count

		KLB			
		rendah	sedang	tinggi	Total
angin_9am	rendah	0	0	11	11
	sedang	30	12	8	50
	tinggi	12	2	0	14
Total		42	14	19	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	40.943[a]	4	.000
Likelihood Ratio	42.172	4	.000
Linear-by-Linear Association	26.879	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.603	.065	-6.453	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.572	.076	-5.955	.000[c]
N of Valid Cases		75			

13. KDB terhadap Suhu udara (pukul 12:00 WIB)

Crosstab

Count

		KDB			Total
		rendah	sedang	tinggi	
suhu_12pm	rendah	0	0	1	1
	sedang	0	14	0	14
	tinggi	1	9	50	60
Total		1	23	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	39.049[a]	4	.000
Likelihood Ratio	41.775	4	.000
Linear-by-Linear Association	20.413	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.525	.135	5.273	.000[c]
Ordinal by Ordinal	Spearman Correlation	.628	.095	6.896	.000[c]
N of Valid Cases		75			

14. KDB terhadap kelembapan udara (pukul 12:00 WIB)

Crosstab

Count

		KDB			Total
		rendah	sedang	tinggi	
kelembapan_12pm	rendah	1	13	49	63
	sedang	0	9	2	11
	tinggi	0	1	0	1
Total		1	23	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	18.791[a]	4	.001
Likelihood Ratio	17.965	4	.001
Linear-by-Linear Association	13.822	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.432	.103	-4.095	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.470	.105	-4.549	.000[c]
N of Valid Cases		75			

15. KDB terhadap kecepatan angin (pukul 12:00 WIB)

Crosstab

Count

		KDB			Total
		rendah	sedang	tinggi	
angin_12pm	sedang	0	5	1	6
	tinggi	1	18	50	69
Total		1	23	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	8.513[a]	2	.014
Likelihood Ratio	7.887	2	.019
Linear-by-Linear Association	6.464	1	.011
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.296	.108	2.643	.010[c]
Ordinal by Ordinal	Spearman Correlation	.317	.109	2.851	.006[c]
N of Valid Cases		75			

16. Ketinggian bangunan terhadap suhu udara (pukul 12:00 WIB)

Crosstab

Count

		Ketinggian_bangunan			Total
		rendah	sedang	tinggi	
suhu_12pm	rendah	0	0	1	1
	sedang	5	4	5	14
	tinggi	57	3	0	60
Total		62	7	6	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	41.338[a]	4	.000
Likelihood Ratio	32.678	4	.000
Linear-by-Linear Association	37.682	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.714	.084	-8.703	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.676	.108	-7.836	.000[c]
N of Valid Cases		75			

17. Ketinggian bangunan terhadap kelembapan udara (pukul 12:00 WIB)

Crosstab

Count

		Ketinggian_bangunan			Total
		rendah	sedang	tinggi	
kelembapan_12pm	rendah	62	1	0	63
	sedang	0	6	5	11
	tinggi	0	0	1	1
Total		62	7	6	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	74.954[a]	4	.000
Likelihood Ratio	61.686	4	.000
Linear-by-Linear Association	61.878	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.914	.018	19.304	.000[c]
Ordinal by Ordinal	Spearman Correlation	.957	.038	28.083	.000[c]
N of Valid Cases		75			

18. Ketinggian bangunan terhadap kecepatan angin (pukul 12:00 WIB)

Crosstab

Count

		Ketinggian_bangunan			Total
		rendah	sedang	tinggi	
angin_12pm	sedang	0	3	3	6
	tinggi	62	4	3	69
Total		62	7	6	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	31.328[a]	2	.000
Likelihood Ratio	23.937	2	.000
Linear-by-Linear Association	28.643	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.622	.123	-6.790	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.646	.106	-7.236	.000[c]
N of Valid Cases		75			

19. Kepadatan bangunan terhadap suhu udara (pukul 12:00 WIB)

Crosstab

Count

		Kepadatan_bangunan			Total
		rendah	sedang	tinggi	
suhu_12pm	rendah	1	0	0	1
	sedang	2	10	2	14
	tinggi	0	11	49	60
Total		3	21	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	49.124[a]	4	.000
Likelihood Ratio	32.649	4	.000
Linear-by-Linear Association	32.648	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.664	.088	7.592	.000[c]
Ordinal by Ordinal	Spearman Correlation	.617	.096	6.696	.000[c]
N of Valid Cases		75			

20. Kepadatan bangunan terhadap kelembapan udara (pukul 12:00 WIB)

Crosstab

Count

		Kepadatan_bangunan			Total
		rendah	sedang	tinggi	
kelembapan_12pm	rendah	0	14	49	63
	sedang	3	6	2	11
	tinggi	0	1	0	1
Total		3	21	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	28.406[a]	4	.000
Likelihood Ratio	23.484	4	.000
Linear-by-Linear Association	21.661	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.541	.092	-5.497	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.520	.105	-5.202	.000[c]
N of Valid Cases		75			

21. Kepadatan bangunan terhadap kecepatan angin (pukul 12:00 WIB)

Crosstab

Count

		Kepadatan_bangunan			Total
		rendah	sedang	tinggi	
angin_12pm	sedang	2	4	0	6
	tinggi	1	17	51	69
Total		3	21	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	21.946[a]	2	.000
Likelihood Ratio	17.546	2	.000
Linear-by-Linear Association	19.640	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.515	.108	5.136	.000[c]
Ordinal by Ordinal	Spearman Correlation	.468	.090	4.527	.000[c]
N of Valid Cases		75			

22. KLB terhadap suhu udara (pukul 12:00 WIB)

Crosstab

Count

		KLB			
		rendah	sedang	tinggi	Total
suhu_12pm	rendah	0	0	1	1
	sedang	1	1	12	14
	tinggi	41	13	6	60
Total		42	14	19	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	37.547[a]	4	.000
Likelihood Ratio	35.002	4	.000
Linear-by-Linear Association	30.154	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.638	.079	-7.085	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.618	.084	-6.712	.000[c]
N of Valid Cases		75			

23. KLB terhadap kelembapan udara (pukul 12:00 WIB)

Crosstab

Count

		KLB			
		rendah	sedang	tinggi	Total
kelembapan_12pm	rendah	42	14	7	63
	sedang	0	0	11	11
	tinggi	0	0	1	1
Total		42	14	19	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	42.105[a]	4	.000
Likelihood Ratio	40.942	4	.000
Linear-by-Linear Association	31.052	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.648	.070	7.265	.000[c]
Ordinal by Ordinal	Spearman Correlation	.630	.070	6.925	.000[c]
N of Valid Cases		75			

24. KLB terhadap kecepatan angin (pukul 12:00 WIB)

Crosstab

Count

		KLB			
		rendah	sedang	tinggi	Total
angin_12pm	sedang	0	0	6	6
	tinggi	42	14	13	69
Total		42	14	19	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	19.222[a]	2	.000
Likelihood Ratio	18.117	2	.000
Linear-by-Linear Association	15.274	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.454	.084	-4.357	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.426	.079	-4.022	.000[c]
N of Valid Cases		75			

25. KDB terhadap Suhu udara (pukul 15:00 WIB)

Crosstab

Count

		KDB			
		rendah	sedang	tinggi	Total
suhu_3pm	sedang	1	22	13	36
	tinggi	0	1	38	39
Total		1	23	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	32.361[a]	2	.000
Likelihood Ratio	37.724	2	.000
Linear-by-Linear Association	30.495	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.642	.072	7.153	.000[c]
Ordinal by Ordinal	Spearman Correlation	.656	.074	7.418	.000[c]
N of Valid Cases		75			

26. KDB terhadap kelembapan udara (pukul 15:00 WIB)

Crosstab

Count

		KDB			Total
		rendah	sedang	tinggi	
kelembapan_3pm	rendah	1	13	48	62
	sedang	0	6	3	9
	tinggi	0	4	0	4
Total		1	23	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	17.305[a]	4	.002
Likelihood Ratio	17.446	4	.002
Linear-by-Linear Association	13.018	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.419	.099	-3.948	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.440	.109	-4.184	.000[c]
N of Valid Cases		75			

27. KDB terhadap kecepatan angin (pukul 15:00 WIB)

Crosstab

Count

		KDB			
		rendah	sedang	tinggi	Total
angin_3pm	sedang	0	7	5	12
	tinggi	1	16	46	63
Total		1	23	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	5.213[a]	2	.074
Likelihood Ratio	4.967	2	.083
Linear-by-Linear Association	3.540	1	.060
N of Valid Cases	75		

28. Ketinggian bangunan terhadap suhu udara (pukul 15:00 WIB)

Crosstab

Count

		Ketinggian_bangunan			
		rendah	sedang	tinggi	Total
suhu_3pm	sedang	23	7	6	36
	tinggi	39	0	0	39
Total		62	7	6	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	17.036[a]	2	.000
Likelihood Ratio	22.078	2	.000
Linear-by-Linear Association	14.735	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.446	.062	-4.260	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.474	.066	-4.605	.000[c]
N of Valid Cases		75			

29. Ketinggian bangunan terhadap kelembapan udara (pukul 15:00 WIB)

Crosstab

Count

		Ketinggian_bangunan			
		rendah	sedang	tinggi	Total
kelembapan_3pm	rendah	60	2	0	62
	sedang	2	5	2	9
	tinggi	0	0	4	4
Total		62	7	6	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	81.786[a]	4	.000
Likelihood Ratio	51.533	4	.000
Linear-by-Linear Association	57.223	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.879	.051	15.779	.000[c]
Ordinal by Ordinal	Spearman Correlation	.837	.081	13.065	.000[c]
N of Valid Cases		75			

30. Ketinggian bangunan terhadap kecepatan angin (pukul 15:00 WIB)

Crosstab

Count

		Ketinggian_bangunan			
		rendah	sedang	tinggi	Total
angin_3pm	sedang	4	2	6	12
	tinggi	58	5	0	63
Total		62	7	6	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	36.529[a]	2	.000
Likelihood Ratio	27.912	2	.000
Linear-by-Linear Association	33.675	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.675	.107	-7.808	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.605	.126	-6.484	.000[c]
N of Valid Cases		75			

31. Kepadatan bangunan terhadap suhu udara (pukul 15:00 WIB)

Crosstab

Count

		Kepadatan_bangunan			Total
		rendah	sedang	tinggi	
suhu_3pm	sedang	3	16	17	36
	tinggi	0	5	34	39
Total		3	21	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	14.332[a]	2	.001
Likelihood Ratio	15.875	2	.000
Linear-by-Linear Association	13.876	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.433	.088	4.105	.000[c]
Ordinal by Ordinal	Spearman Correlation	.436	.098	4.137	.000[c]
N of Valid Cases		75			

32. Kepadatan bangunan terhadap kelembapan udara (pukul 15:00 WIB)

Crosstab

Count

		Kepadatan_bangunan			Total
		rendah	sedang	tinggi	
kelembapan_3pm	rendah	0	13	49	62
	sedang	2	6	1	9
	tinggi	1	2	1	4
Total		3	21	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	27.434[a]	4	.000
Likelihood Ratio	24.844	4	.000
Linear-by-Linear Association	21.215	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.535	.111	-5.417	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.545	.104	-5.549	.000[c]
N of Valid Cases		75			

33. Kepadatan bangunan terhadap kecepatan angin (pukul 15:00 WIB)

Crosstab

Count

		Kepadatan_bangunan			Total
		rendah	sedang	tinggi	
angin_3pm	sedang	2	4	6	12
	tinggi	1	17	45	63
Total		3	21	51	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.556[a]	2	.038
Likelihood Ratio	4.736	2	.094
Linear-by-Linear Association	4.271	1	.039
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.240	.139	2.114	.038[c]
Ordinal by Ordinal	Spearman Correlation	.198	.129	1.726	.089[c]
N of Valid Cases		75			

34. KLB terhadap suhu udara (pukul 15:00 WIB)

Crosstab

Count

		KLB			Total
		rendah	sedang	tinggi	
suhu_3pm	sedang	14	4	18	36
	tinggi	28	10	1	39
Total		42	14	19	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	22.364[a]	2	.000
Likelihood Ratio	25.798	2	.000
Linear-by-Linear Association	16.575	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.473	.091	-4.590	.000[c]
Ordinal by Ordinal	Spearman Correlation	-.439	.101	-4.177	.000[c]
N of Valid Cases		75			

35. KLB terhadap kelembapan udara (pukul 15:00 WIB)

Crosstab

Count

		KLB			Total
		rendah	sedang	tinggi	
kelembapan_3pm	rendah	42	12	8	62
	sedang	0	2	7	9
	tinggi	0	0	4	4
Total		42	14	19	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	31.985[a]	4	.000
Likelihood Ratio	33.450	4	.000
Linear-by-Linear Association	26.503	1	.000
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	.598	.070	6.382	.000[c]
Ordinal by Ordinal	Spearman Correlation	.602	.072	6.447	.000[c]
N of Valid Cases		75			

36. KLB terhadap kecepatan angin (pukul 15:00 WIB)

Crosstab

Count

		KLB			
		rendah	sedang	tinggi	Total
angin_3pm	sedang	3	1	8	12
	tinggi	39	13	11	63
Total		42	14	19	75

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	12.903[a]	2	.002
Likelihood Ratio	11.267	2	.004
Linear-by-Linear Association	10.253	1	.001
N of Valid Cases	75		

Symmetric Measures

		Value	Asymp. Std. Error[a]	Approx. T[b]	Approx. Sig.
Interval by Interval	Pearson's R	-.372	.118	-3.427	.001[c]
Ordinal by Ordinal	Spearman Correlation	-.349	.116	-3.182	.002[c]
N of Valid Cases		75			

Lampiran 13. Tabel Hasil Kalibrasi Iklim Mikro

Lokasi	Suhu (°C)	Rata-rata (°C)	Kelembapan (%)	Rata-rata (%)	Kecepatan angin (m/s)	Rata-rata (m/s)	Arah angin (*clockwise)*	Rata-rata
Tunjungan Jalan Pemuda pukul 09:00								
1	29	29,33	72	72,67	1,2	1,27	250	249,33
2	29		73		1,2		248	
3	30		73		1,4		250	
Tunjungan Jalan Jendral Basuki Rahmat pukul 12:00								
1	31	31	68	70,33	1,6	1,6	250	250
2	30		70		1,6		250	
3	32		73		1,6		250	
Tunjungan Jalan Panglima Sudirman pukul 15:00								
1	31	30,33	72	70,67	1,3	1,27	250	250
2	30		70		1,2		250	
3	30		70		1,3		250	
Jembatan Merah Jalan Rajawali pukul 09:00								
1	30	30,33	60	60	1,2	1,27	310	306,67
2	31		60		1,2		300	
3	30		60		1,5		310	
Jembatan Merah Jalan Veteran pukul 12:00								
1	32	31,67	55	56,67	1,7	1,63	300	303,33
2	33		55		1,6		310	
3	30		60		1,6		300	
Jembatan Merah Jalan Jembatan Merah pukul 15:00								
1	31	31,33	68	66	1,5	1,57	300	310
2	31		70		1,5		320	
3	32		60		1,7		310	

Lampiran 14. Hasil Analisis Kenyamanan Termal Diagram Olgyay Pukul 09:00 WIB

Kode Blok	Suhu (°C)	Kecepatan Angin (m/s)	Kelembapan Udara (%)	Keterangan
Kawasan Tunjungan				
T0	30,08	0,62	81,98	Agak nyaman
T1	29,01	0,75	80,90	Nyaman
T2	28,64	0,66	81,01	Nyaman
T3	30,16	0,81	81,33	Agak nyaman
T4	29,99	0,90	80,55	Nyaman
T5	30,00	0,34	81,15	Agak nyaman
T6	30,00	0,58	80,50	Agak nyaman
T7	29,99	1,08	80,06	Nyaman
T8	30,11	1,04	80,15	Agak nyaman
T9	29,40	0,90	80,36	Nyaman
T10	29,80	0,91	80,54	Nyaman
T11	29,90	1,02	80,55	Nyaman
T12	30,15	1,00	80,73	Agak nyaman
T13	29,20	1,14	80,40	Nyaman
T14	29,30	0,95	80,75	Nyaman
T15	30,11	0,90	79,97	Agak nyaman
T16	29,87	0,87	81,14	Nyaman
T17	29,17	1,03	80,00	Nyaman
T18	30,88	0,79	82,92	Agak nyaman
T19	30,59	0,89	80,00	Agak nyaman
T20	29,00	0,60	81,00	Nyaman
T21	28,44	0,73	83,00	Nyaman
T22	28,89	0,85	82,13	Nyaman
T23	29,10	0,55	81,78	Nyaman
T24	30,18	1,41	81,10	Agak nyaman
T25	30,31	1,51	80,88	Agak nyaman
T26	30,00	1,10	81,11	Agak nyaman
T27	29,66	1,30	80,59	Nyaman
T28	30,77	1,22	80,49	Agak nyaman
T29	30,02	1,44	80,37	Agak nyaman
T30	29,77	0,94	80,38	Nyaman
T31	29,58	1,17	80,11	Nyaman
T32	31,00	0,99	80,71	Agak nyaman
T33	29,88	0,50	82,29	Nyaman
T34	28,88	0,56	81,82	Nyaman
Kawasan Jembatan Merah				
J0	30,59	1,58	80,22	Agak nyaman
J1	30,55	1,75	80,37	Agak nyaman
J2	30,68	1,67	80,11	Agak nyaman
J3	30,68	0,91	80,27	Agak nyaman
J4	30,68	1,05	80,54	Agak nyaman
J5	30,18	1,78	80,19	Agak nyaman
J6	30,50	1,57	80,38	Agak nyaman
J7	30,41	0,90	80,29	Agak nyaman
J8	30,43	1,17	80,59	Agak nyaman
J9	29,88	1,44	80,66	Nyaman
J10	30,61	1,20	79,93	Agak nyaman
J11	30,45	0,91	80,29	Agak nyaman
J12	30,50	0,90	80,59	Agak nyaman
J13	30,62	0,93	80,20	Agak nyaman
J14	29,70	1,03	80,89	Nyaman
J15	30,68	1,23	80,06	Agak nyaman
J16	30,58	1,29	80,32	Agak nyaman
J17	30,64	1,33	80,52	Agak nyaman
J18	30,68	0,99	80,08	Agak nyaman
J19	30,25	1,12	80,27	Agak nyaman
J20	30,07	1,96	80,66	Agak nyaman
J21	30,68	1,87	80,32	Agak nyaman
J22	31,04	1,15	81,78	Agak nyaman

Kode Blok	Suhu (^{o}C)	Kecepatan Angin (m/s)	Kelembapan Udara (%)	Keterangan
J23	30,56	1,05	80,11	Agak nyaman
J24	30,56	1,41	81,29	Agak nyaman
J25	30,64	1,54	80,20	Agak nyaman
J26	30,63	1,09	80,28	Agak nyaman
J27	30,59	1,20	81,91	Agak nyaman
J28	30,63	1,22	79,94	Agak nyaman
J29	30,65	1,54	80,37	Agak nyaman
J30	30,68	1,94	80,11	Agak nyaman
J31	30,44	1,57	80,00	Agak nyaman
J32	30,66	0,93	80,00	Agak nyaman
J33	30,52	1,50	80,11	Agak nyaman
J34	30,55	1,00	79,62	Agak nyaman
J35	30,68	1,68	79,99	Agak nyaman
J36	30,68	1,42	80,00	Agak nyaman
J37	30,68	1,67	80,25	Agak nyaman
J38	30,54	1,82	80,35	Agak nyaman
J39	31,00	1,14	81,59	Agak nyaman

Lampiran 15. Hasil Analisis Kenyamanan Termal Diagram Olgyay Pukul 12:00 WIB

Kode Blok	Suhu (^oC)	Kecepatan Angin (m/s)	Kelembapan Udara (%)	Keterangan
Kawasan Tunjungan				
T0	30,08	0,88	82,22	Agak nyaman
T1	30,30	1,07	80,90	Agak nyaman
T2	30,88	1,66	81,88	Agak nyaman
T3	30,16	1,81	81,33	Agak nyaman
T4	30,99	1,78	80,45	Agak nyaman
T5	30,00	1,34	80,92	Agak nyaman
T6	30,03	1,84	80,18	Agak nyaman
T7	30,11	1,80	80,00	Agak nyaman
T8	30,68	1,54	80,16	Agak nyaman
T9	30,89	1,55	80,01	Agak nyaman
T10	30,33	1,81	80,66	Agak nyaman
T11	30,62	1,70	79,80	Agak nyaman
T12	30,15	2,00	79,99	Agak nyaman
T13	31,11	1,55	80,00	Agak nyaman
T14	31,00	1,76	80,00	Agak nyaman
T15	30,83	2,00	80,59	Agak nyaman
T16	29,99	1,80	80,14	Nyaman
T17	29,87	1,73	80,10	Nyaman
T18	29,96	0,99	81,29	Nyaman
T19	30,29	1,83	80,00	Agak nyaman
T20	30,11	0,88	81,00	Agak nyaman
T21	29,88	1,73	81,13	Nyaman
T22	29,45	1,85	80,92	Nyaman
T23	29,89	1,55	81,78	Nyaman
T24	31,10	1,91	80,10	Agak nyaman
T25	30,74	1,71	80,32	Agak nyaman
T26	30,23	2,09	80,11	Agak nyaman
T27	30,12	1,80	80,59	Agak nyaman
T28	30,70	1,79	80,49	Agak nyaman
T29	31,00	1,54	80,37	Agak nyaman
T30	30,80	2,01	79,70	Agak nyaman
T31	31,03	2,11	79,91	Agak nyaman
T32	31,09	1,88	80,17	Agak nyaman
T33	29,10	0,90	81,00	Nyaman
T34	30,88	1,71	80,87	Agak nyaman
Kawasan Jembatan Merah				
J0	30,55	1,58	79,70	Agak nyaman
J1	30,68	1,75	79,81	Agak nyaman
J2	30,68	1,67	80,00	Agak nyaman
J3	30,68	1,91	80,00	Agak nyaman
J4	30,18	2,05	79,87	Agak nyaman
J5	30,50	1,98	79,90	Agak nyaman
J6	30,41	1,57	80,20	Agak nyaman
J7	30,63	1,80	80,29	Agak nyaman
J8	30,43	1,77	79,88	Agak nyaman
J9	30,61	1,54	80,59	Agak nyaman
J10	30,45	1,55	80,00	Agak nyaman
J11	30,50	1,81	79,99	Agak nyaman
J12	30,62	1,70	80,29	Agak nyaman
J13	30,68	1,93	80,20	Agak nyaman
J14	30,68	2,01	80,22	Agak nyaman
J15	30,58	1,70	80,04	Agak nyaman
J16	30,64	2,11	80,12	Agak nyaman
J17	30,68	1,83	80,22	Agak nyaman
J18	30,25	1,99	80,08	Agak nyaman
J19	31,07	1,82	80,00	Agak nyaman
J20	30,68	1,96	80,29	Agak nyaman
J21	31,04	1,87	80,32	Agak nyaman
J22	30,56	2,15	79,78	Agak nyaman

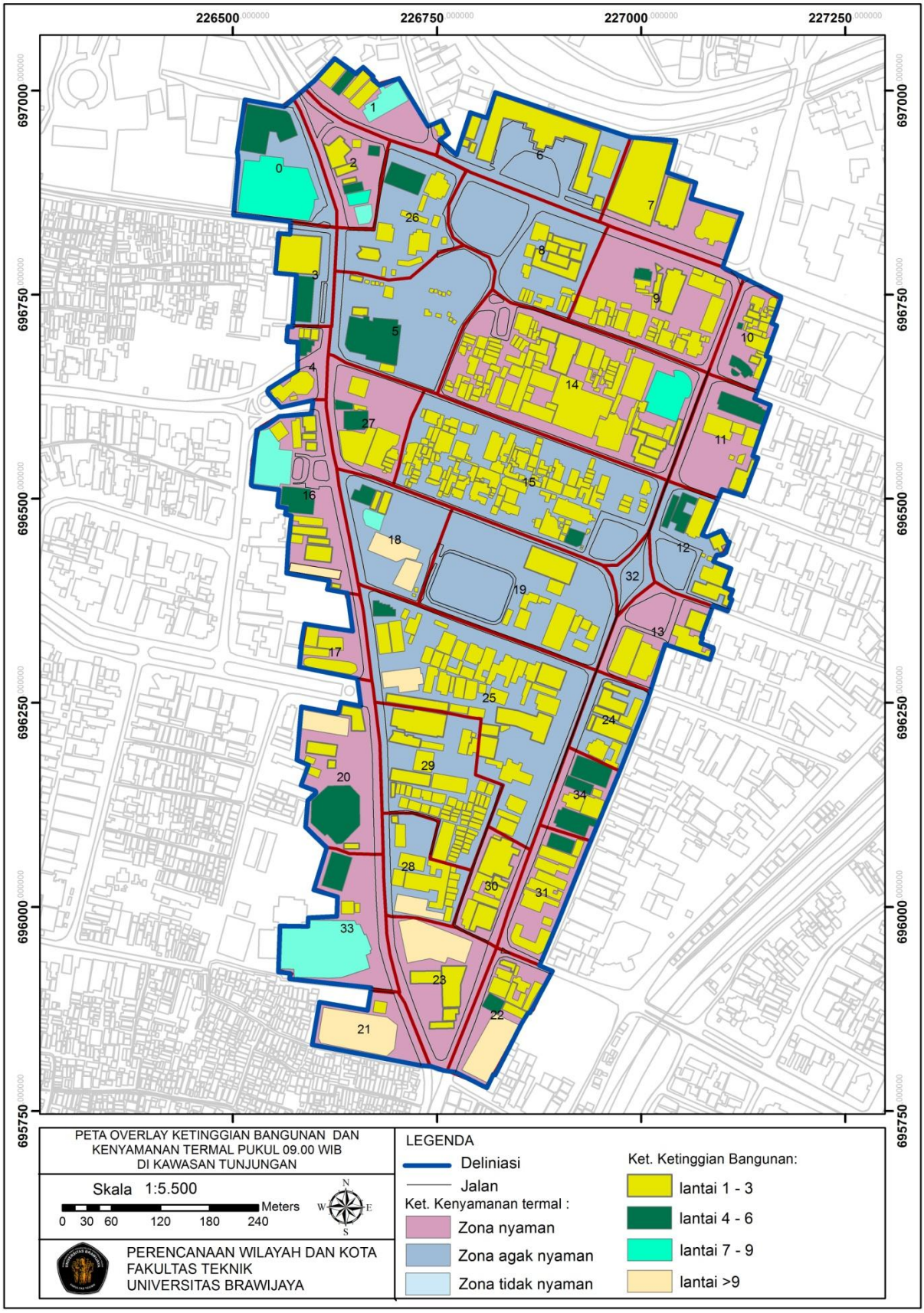
Kode Blok	Suhu (^oC)	Kecepatan Angin (m/s)	Kelembapan Udara (%)	Keterangan
J23	30,56	1,78	80,11	Agak nyaman
J24	30,64	1,67	80,29	Agak nyaman
J25	30,63	1,54	80,20	Agak nyaman
J26	30,59	2,09	80,28	Agak nyaman
J27	30,63	1,67	79,88	Agak nyaman
J28	30,65	1,56	79,60	Agak nyaman
J29	30,68	1,54	80,00	Agak nyaman
J30	30,44	1,94	80,11	Agak nyaman
J31	30,66	1,57	79,88	Agak nyaman
J32	30,52	1,93	80,00	Agak nyaman
J33	30,55	1,60	80,11	Agak nyaman
J34	30,68	2,00	80,01	Agak nyaman
J35	30,68	1,68	80,39	Agak nyaman
J36	30,68	1,52	80,39	Agak nyaman
J37	30,54	1,67	80,00	Agak nyaman
J38	30,86	1,82	79,77	Agak nyaman
J39	30,55	1,94	80,33	Agak nyaman

Lampiran 16. Hasil Analisis Kenyamanan Termal Diagram Olgyay Pukul 15:00 WIB

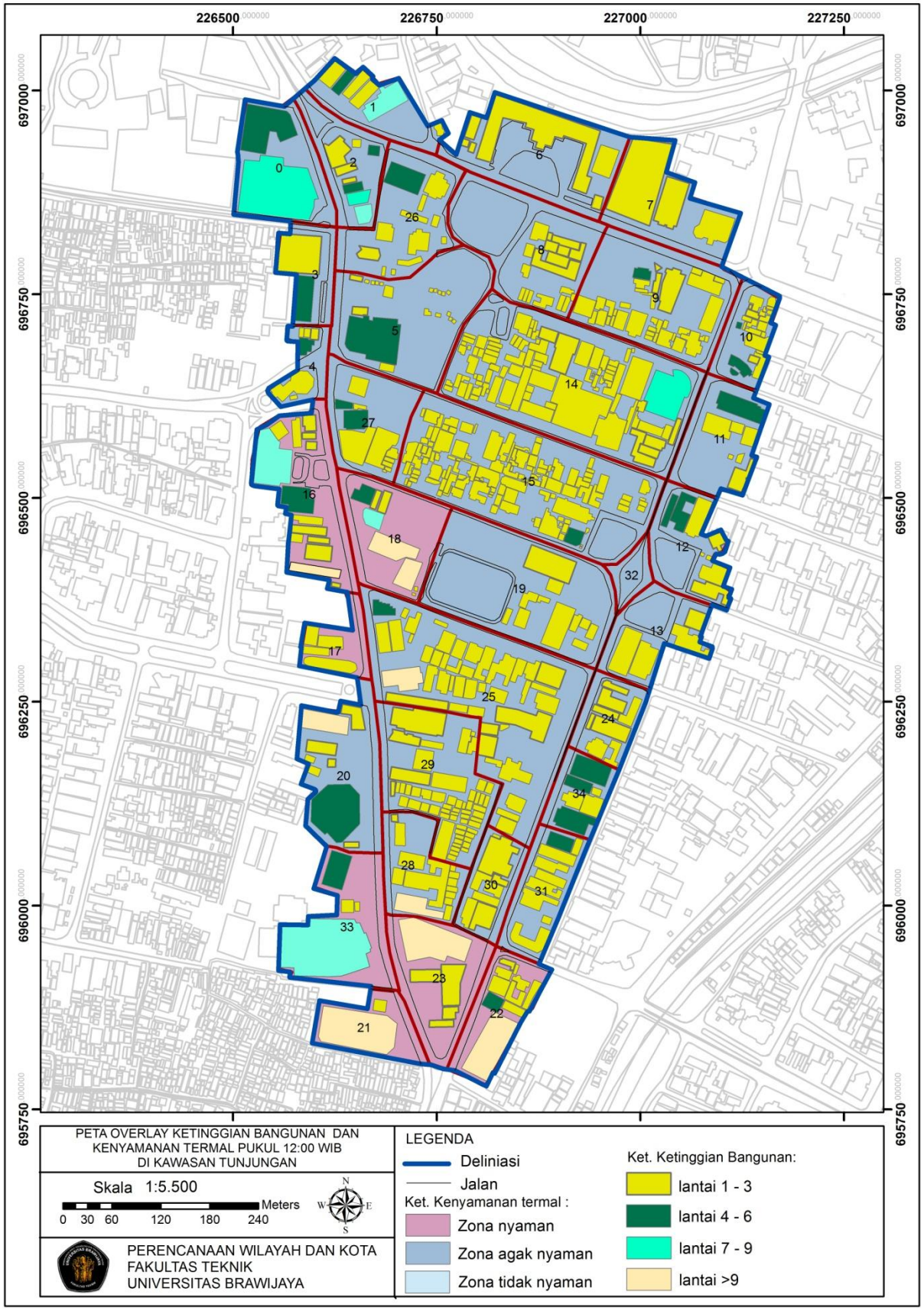
Kode Blok	Suhu (^{o}C)	Kecepatan Angin (m/s)	Kelembapan Udara (%)	Keterangan
Kawasan Tunjungan				
T0	29,17	1,48	82,00	Nyaman
T1	29,90	1,87	81,12	Nyaman
T2	30,01	1,70	82,00	Agak nyaman
T3	29,64	1,94	81,31	Nyaman
T4	29,81	1,80	80,16	Nyaman
T5	30,10	1,58	81,91	Agak nyaman
T6	29,44	1,58	79,90	Nyaman
T7	29,80	1,81	81,07	Nyaman
T8	30,16	1,71	81,15	Agak nyaman
T9	30,20	1,55	80,21	Agak nyaman
T10	30,00	1,60	80,54	Agak nyaman
T11	30,15	1,65	80,55	Agak nyaman
T12	30,00	1,78	80,77	Agak nyaman
T13	30,19	1,72	80,15	Agak nyaman
T14	30,40	1,76	80,21	Agak nyaman
T15	31,02	1,86	80,11	Agak nyaman
T16	29,35	0,99	80,66	Agak nyaman
T17	30,11	1,74	80,13	Agak nyaman
T18	29,87	1,20	81,93	Nyaman
T19	30,01	1,82	80,00	Agak nyaman
T20	30,09	1,99	81,77	Agak nyaman
T21	29,88	0,93	82,20	Nyaman
T22	29,00	0,93	83,00	Nyaman
T23	29,44	1,23	82,00	Nyaman
T24	30,89	1,81	80,10	Agak nyaman
T25	31,10	2,01	80,00	Agak nyaman
T26	30,00	1,81	80,00	Agak nyaman
T27	30,01	1,56	80,00	Agak nyaman
T28	29,42	1,88	80,75	Nyaman
T29	30,66	1,93	80,37	Agak nyaman
T30	31,00	1,84	80,11	Agak nyaman
T31	30,02	1,71	80,11	Agak nyaman
T32	30,82	0,93	80,00	Agak nyaman
T33	29,58	1,12	80,29	Nyaman
T34	30,11	1,18	80,54	Agak nyaman
Kawasan Jembatan Merah				
J0	30,55	1,58	80,22	Agak nyaman
J1	30,68	1,75	80,37	Agak nyaman
J2	30,68	1,67	80,11	Agak nyaman
J3	30,68	1,91	80,27	Agak nyaman
J4	30,18	2,05	80,54	Agak nyaman
J5	30,50	1,78	80,19	Agak nyaman
J6	30,41	1,57	80,38	Agak nyaman
J7	30,12	1,80	80,39	Agak nyaman
J8	30,43	2,11	80,17	Agak nyaman
J9	30,11	1,54	80,59	Agak nyaman
J10	30,45	1,70	79,93	Agak nyaman
J11	30,50	1,91	80,29	Agak nyaman
J12	30,11	1,90	80,29	Agak nyaman
J13	30,68	1,53	80,50	Agak nyaman
J14	30,68	1,61	80,00	Agak nyaman
J15	30,58	1,93	80,21	Agak nyaman
J16	30,64	1,77	80,72	Agak nyaman
J17	30,68	1,63	80,51	Agak nyaman
J18	30,25	1,99	80,08	Agak nyaman
J19	30,07	2,00	80,09	Agak nyaman
J20	30,00	2,00	80,29	Agak nyaman
J21	30,11	1,87	80,32	Agak nyaman
J22	30,56	1,15	79,78	Agak nyaman

Kode Blok	Suhu (^{o}C)	Kecepatan Angin (m/s)	Kelembapan Udara (%)	Keterangan
J23	30,56	2,05	80,11	Agak nyaman
J24	30,64	1,71	80,29	Agak nyaman
J25	30,63	1,54	80,07	Agak nyaman
J26	30,59	2,09	80,28	Agak nyaman
J27	30,63	2,00	80,11	Agak nyaman
J28	30,65	1,22	80,00	Agak nyaman
J29	30,68	1,54	81,37	Agak nyaman
J30	30,11	1,94	80,66	Agak nyaman
J31	30,00	1,57	80,00	Agak nyaman
J32	30,52	1,63	80,00	Agak nyaman
J33	30,55	1,60	80,24	Agak nyaman
J34	30,68	1,00	80,00	Agak nyaman
J35	30,68	1,68	80,39	Agak nyaman
J36	30,68	1,72	80,70	Agak nyaman
J37	30,11	1,67	79,88	Agak nyaman
J38	29,86	1,82	80,25	Agak nyaman
J39	30,68	1,93	80,59	Agak nyaman

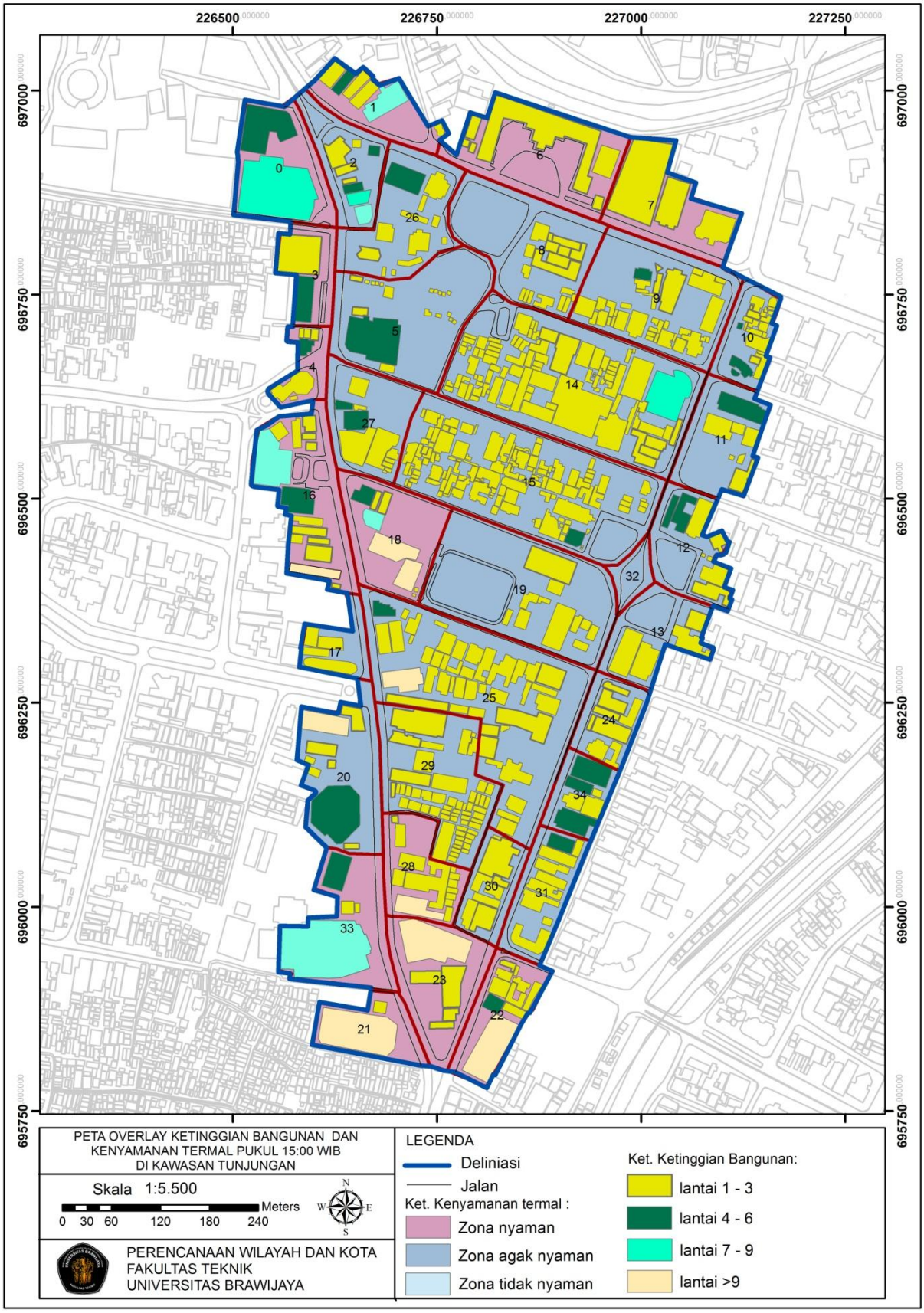
Lampiran 17. Peta Overlay Intensitas Bangunan dan Kenyamanan Termal Pukul 09.00 WIB di Kawasan Tunjungan



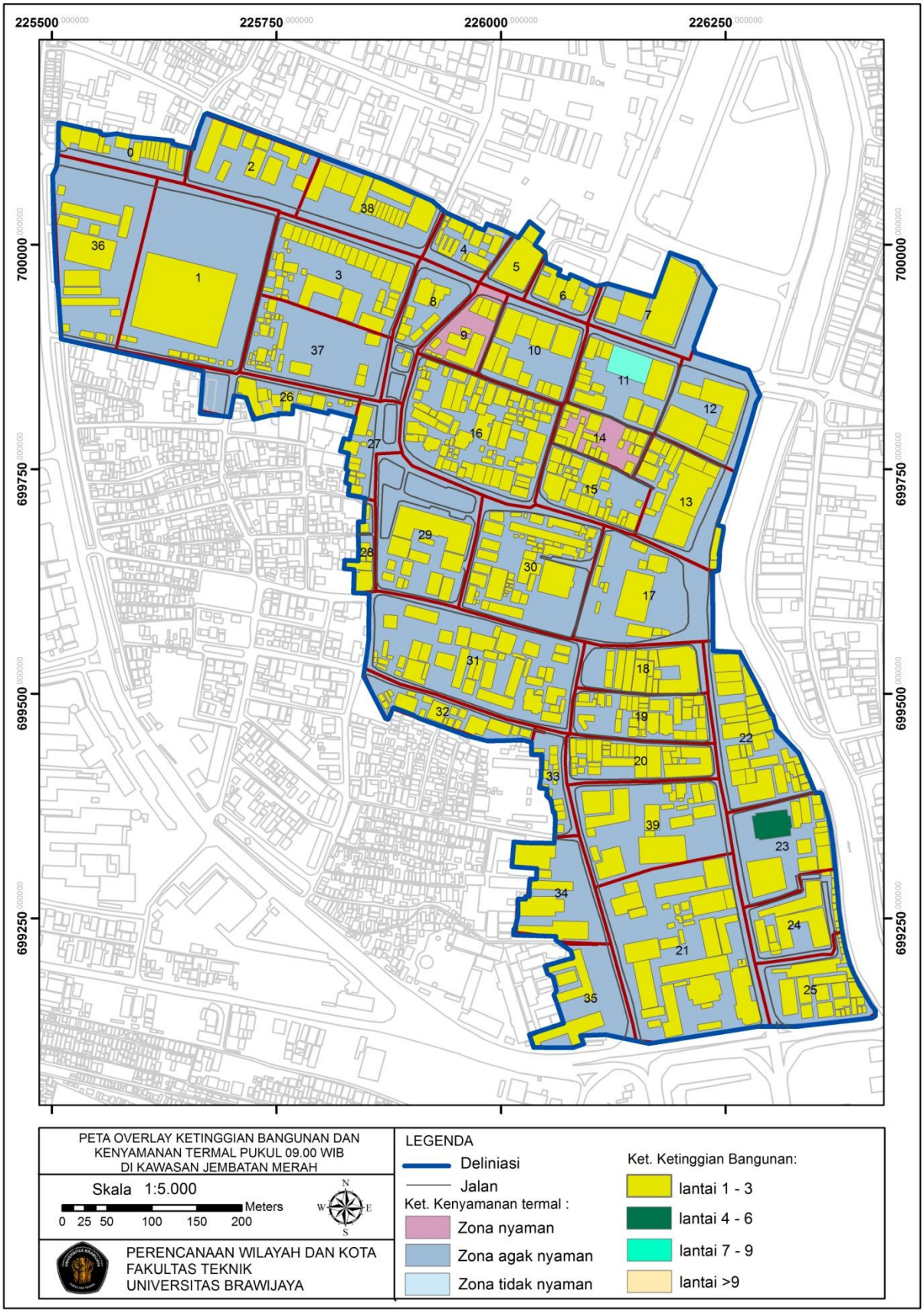
Lampiran 18. Peta Overlay Intensitas Bangunan dan Kenyamanan Termal Pukul 12.00 WIB di Kawasan Tunjungan



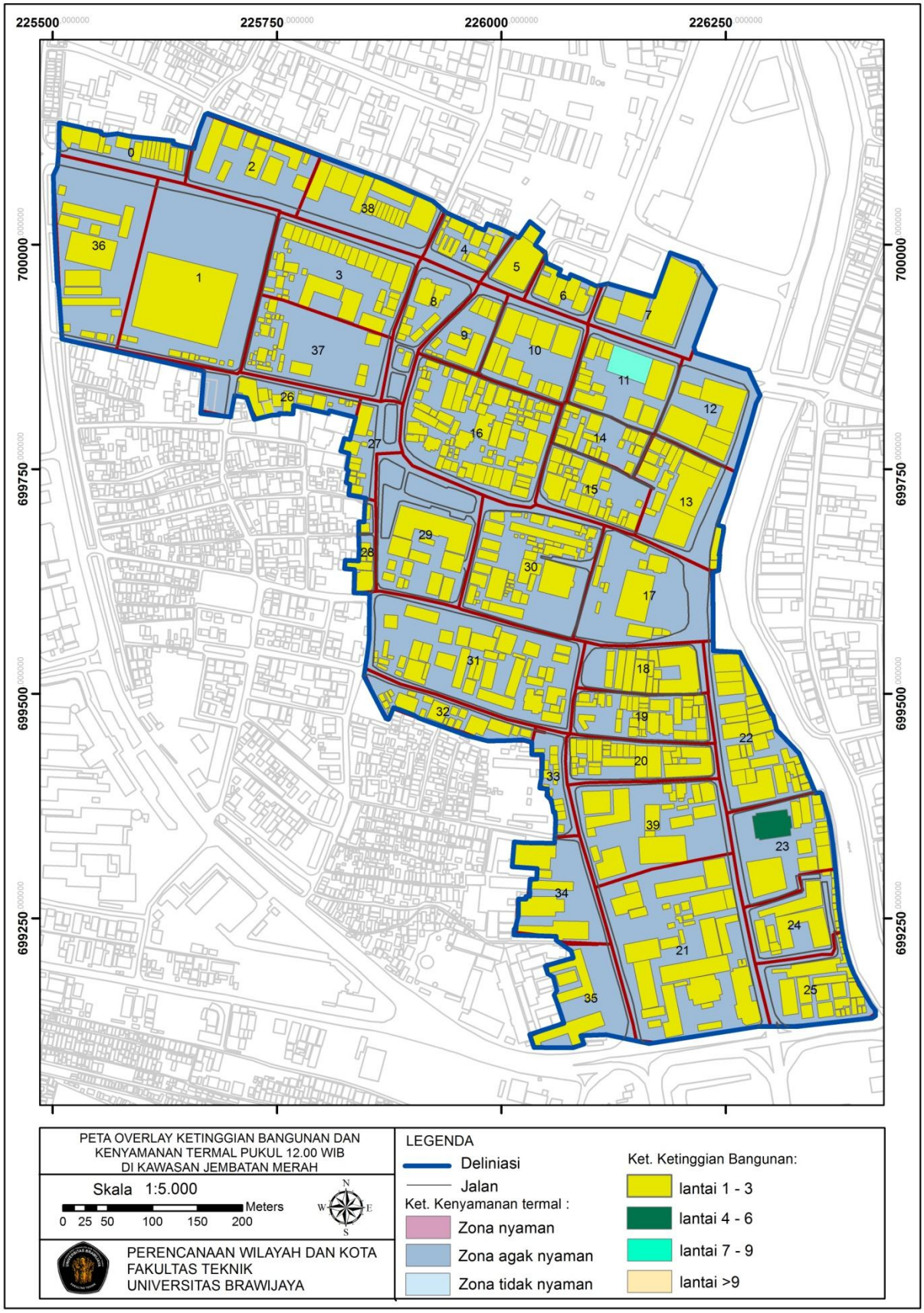
Lampiran 19. Peta Overlay Intensitas Bangunan dan Kenyamanan Termal Pukul 15.00 WIB di Kawasan Tunjungan



Lampiran 20. Peta Overlay Intensitas Bangunan dan Kenyamanan Termal Pukul 09.00 WIB di Kawasan Jembatan Merah



Lampiran 21. Peta Overlay Intensitas Bangunan dan Kenyamanan Termal Pukul 12.00 WIB di Kawasan Jembatan Merah



Lampiran 22. Peta Overlay Intensitas Bangunan dan Kenyamanan Termal Pukul 15.00 WIB di Kawasan Jembatan Merah