

BAB VI

KESIMPULAN DAN SARAN

6.1 Kesimpulan

Berdasarkan hasil penelitian dan pembahasan dapat diambil beberapa kesimpulan sebagai berikut :

1. Kebutuhan air penduduk total yaitu debit kebutuhan penduduk dan debit pada jam puncak pada masa sekarang pada dusun Karang, Doplang, Wiloso, dan Bedug adalah 100.117,5 lt/hari. Proyeksi kebutuhan jumlah air penduduk untuk 15 tahun mendatang diperoleh hasil 134.744,973 lt/hari atau 1,5595 lt/detik
2. Panjang *blade* kincir angin direncanakan 3,8 meter (diameter 7,6 m), pada kecepatan angin yang rencana 8,3 m/s
3. Pompa dapat beroperasi dengan angin hanya tersedia 6 jam setiap harinya yaitu pukul 10.00-16.00. Sehingga debit air yang dihasilkan selama 6 jam yaitu 101.031,21 lt/6jam. Debit tersebut merupakan debit yang dapat dihasilkan sebagai pemenuhan kebutuhan air dalam 1 hari. Dengan demikian, pompa tenaga angin hanya dapat kebutuhan penduduk dusun Wiloso, Karang, Bedug dan Doplang dalam masa sekarang yaitu 100.117,5 lt/hari.
4. Volume Bak ditentukan dengan debit terkecil pada: Q aliran sungai bawah tanah 5lt/detik atau 432 m³/hari, Q pompa 103.472,1 liter/6jam/hari dan Q kebutuhan dengan asumsi 30 lt/hari per orang

sehingga total kebutuhan masa sekarang sebesar 100,1175 m³/hari. Selain itu aliran distribusi mempengaruhi volume bak yang direncanakan. Urutan aliran distribusi meliputi Bak Utama di pompa ke Bak Wiloso kemudian di distribusikan ke 3 dusun lain yaitu Bak Karang, Bak Dopleng dan Bak Bedug. Sehingga volume bak yang di rencanakan; Wiloso 5 m³, Karang 1.5 m³, Dopleng 1 m³, Bedug 1 m³ dan Bak Utama pada lokasi pengeboran sebesar 5 m³.

5. Dengan perbedaan elevasi sebesar 142 m antara bak pada lokasi pengeboran dan bak dusun Wiloso dibutuhkan pompa dengan tenaga angin yang memiliki diameter kincir sebesar 4,5 m. untuk distribusi dari dusun Wiloso ke 3 dusun lain dialirkan secara gravitasi.
6. Pemilihan diameter pipa sebagai sarana distribusi berdasarkan pada perbedaan elevasi antara satu bak dengan yang lain dan debit yang dihasilkan. Diameter pipa distribusi bak utama pengeboran ke bak dusun Wiloso adalah 2 inci, pipa distribusi dari bak Wiloso ke Karang sebesar 1 inci, pipa dari bak Wiloso ke Bedug 0,5 inci dan dari Wiloso ke Dopleng adalah 0,5 inci. Secara lengkap data pemipaan dipaparkan dalam tabel berikut :

Tabel 6.1 Hasil Perhitungan diameter, Debit dan Kecepatan aliran pada pipa

Titik	Pipa	D (inchi)	Q (lt/s)	V(m/s)	Q 6jam (lt/6jam)
Bor	BW	1,5	4,68	4,1026	0,0078
Wiloso	-	-	1,81	-	0,0030
Karang 1	WK	1	1,31	2,5877	0,0022
Karang 2	K1-K2	0,5	0,15	1,1501	0,0002
Bedug	WB	0,5	0,56	4,3951	0,0009
Doplang	WD	0,75	0,85	2,9860	0,0014

Keterangan : D = diameter pipa V = kecepatan aliran
 Q = debit Q6jam = debit selama 6 jam per hari

6.2 Saran

Untuk pelaksanaan dan perbaikan yang akan datang, maka penelitian akan memberikan masukan-masukan bagi predesain pompa tenaga angin dan reservoir, meliputi :

1. Perhitungan pompa dan kincir angin pada penelitian ini mengacu pada penelitian sebelumnya dan teori-teori dari beberapa sumber. Perlu dilaksanakan pengujian dan penelitian lebih lanjut dengan membuat *prototype* sehingga mendapatkan hasil yang lebih akurat.
2. Berdasarkan data angin, angin yang berfungsi sebagai penggerak kincir hanya tersedia selama 6 jam per harinya. Sehingga jika akan dimaksimalkan pengambilan air dapat dilaksanakan dengan pompa yang digerakkan dengan tenaga lain.
3. Pengukuran jarak dan elevasi dalam penelitian ini berdasarkan pengambilan data lokasi pada *google earth*. Pada pelaksanaan

disarankan diadakan pengukuran pada lokasi sebenarnya, sehingga diperoleh hasil yang lebih maksimal.

4. Berdasarkan data angin rata-rata kecepatan angin yaitu 30 km/Jam-90 km/jam, namun pada penentuan kecepatan angin diambil kecepatan angin minimum 30 km/jam atau 8,3 m/s. Apabila pada waktu tertentu kecepatan angin melebihi 30 km/jam debit air yang dihasilkan dapat ditampung penduduk untuk dijual sebagai biaya operasional pompa tersebut.
5. Lokasi bak dan lokasi aliran pipa ditentukan dengan lokasi terdekat dengan jalan, sehingga memudahkan pembangunan dan perawatan. Pada pelaksanaan proyek lokasi penentuan bak dan jalur pipa dapat kembali di diskusikan dengan warga masing-masing pedukuhan.

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Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
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1/9/2016	8:15 AM	18	1/9/2016	9:12 AM	34	1/9/2016	9:50 AM	38	1/9/2016	10:26 AM	47
1/9/2016	8:16 AM	20	1/9/2016	9:13 AM	34	1/9/2016	9:51 AM	37	1/9/2016	10:27 AM	48
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1/9/2016	11:53 AM	63	1/9/2016	12:25 PM	64	1/9/2016	1:22 PM	65	1/9/2016	2:00 PM	75
1/9/2016	11:53 AM	63	1/9/2016	12:26 PM	65	1/9/2016	1:23 PM	65	1/9/2016	2:01 PM	75
1/9/2016	11:54 AM	62	1/9/2016	12:27 PM	64	1/9/2016	1:24 PM	63	1/9/2016	2:01 PM	75
1/9/2016	11:54 AM	62	1/9/2016	12:28 PM	67	1/9/2016	1:25 PM	64	1/9/2016	2:02 PM	74
1/9/2016	11:55 AM	65	1/9/2016	12:29 PM	65	1/9/2016	1:26 PM	67	1/9/2016	2:02 PM	74
1/9/2016	11:55 AM	65	1/9/2016	12:30 PM	66	1/9/2016	1:27 PM	67	1/9/2016	2:03 PM	74
1/9/2016	11:56 AM	61	1/9/2016	12:31 PM	66	1/9/2016	1:28 PM	67	1/9/2016	2:03 PM	74
1/9/2016	11:56 AM	61	1/9/2016	12:32 PM	66	1/9/2016	1:29 PM	67	1/9/2016	2:04 PM	74

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
1/9/2016	4:51 PM	34	2/9/2016	9:13 AM	18	2/9/2016	9:44 AM	32	2/9/2016	10:25 AM	35
1/9/2016	4:52 PM	34	2/9/2016	9:14 AM	22	2/9/2016	9:44 AM	32	2/9/2016	10:26 AM	38
1/9/2016	4:53 PM	34	2/9/2016	9:15 AM	25	2/9/2016	9:45 AM	33	2/9/2016	10:27 AM	38
1/9/2016	4:54 PM	30	2/9/2016	9:16 AM	28	2/9/2016	9:45 AM	33	2/9/2016	10:28 AM	38
1/9/2016	4:55 PM	29	2/9/2016	9:17 AM	26	2/9/2016	9:46 AM	32	2/9/2016	10:29 AM	39
1/9/2016	4:56 PM	26	2/9/2016	9:18 AM	24	2/9/2016	9:46 AM	32	2/9/2016	10:30 AM	39
1/9/2016	4:57 PM	26	2/9/2016	9:18 AM	24	2/9/2016	9:47 AM	34	2/9/2016	10:31 AM	40
1/9/2016	4:58 PM	26	2/9/2016	9:19 AM	26	2/9/2016	9:47 AM	34	2/9/2016	10:32 AM	40
1/9/2016	4:59 PM	25	2/9/2016	9:19 AM	26	2/9/2016	9:48 AM	32	2/9/2016	10:33 AM	40
1/9/2016	5:00 PM	23	2/9/2016	9:20 AM	25	2/9/2016	9:48 AM	32	2/9/2016	10:34 AM	39
1/9/2016	5:01 PM	24	2/9/2016	9:20 AM	25	2/9/2016	9:49 AM	35	2/9/2016	10:35 AM	39
1/9/2016	5:02 PM	22	2/9/2016	9:21 AM	30	2/9/2016	9:49 AM	35	2/9/2016	10:36 AM	38
1/9/2016	5:03 PM	23	2/9/2016	9:21 AM	30	2/9/2016	9:50 AM	37	2/9/2016	10:37 AM	37
1/9/2016	5:04 PM	22	2/9/2016	9:22 AM	29	2/9/2016	9:50 AM	37	2/9/2016	10:38 AM	40
1/9/2016	5:05 PM	21	2/9/2016	9:22 AM	29	2/9/2016	9:51 AM	35	2/9/2016	10:39 AM	40
1/9/2016	5:06 PM	21	2/9/2016	9:23 AM	28	2/9/2016	9:51 AM	35	2/9/2016	10:40 AM	39
1/9/2016	5:07 PM	20	2/9/2016	9:23 AM	28	2/9/2016	9:52 AM	34	2/9/2016	10:41 AM	38
1/9/2016	5:08 PM	18	2/9/2016	9:24 AM	26	2/9/2016	9:52 AM	34	2/9/2016	10:42 AM	39
1/9/2016	5:09 PM	18	2/9/2016	9:24 AM	26	2/9/2016	9:53 AM	36	2/9/2016	10:43 AM	40
1/9/2016	5:10 PM	17	2/9/2016	9:25 AM	27	2/9/2016	9:53 AM	36	2/9/2016	10:44 AM	41
1/9/2016	5:11 PM	15	2/9/2016	9:25 AM	27	2/9/2016	9:54 AM	35	2/9/2016	10:45 AM	45
1/9/2016	5:12 PM	14	2/9/2016	9:26 AM	25	2/9/2016	9:54 AM	35	2/9/2016	10:46 AM	45
1/9/2016	5:13 PM	15	2/9/2016	9:26 AM	25	2/9/2016	9:55 AM	35	2/9/2016	10:47 AM	46
1/9/2016	5:14 PM	15	2/9/2016	9:27 AM	27	2/9/2016	9:55 AM	35	2/9/2016	10:48 AM	44
1/9/2016	5:15 PM	14	2/9/2016	9:27 AM	27	2/9/2016	9:56 AM	35	2/9/2016	10:49 AM	45
1/9/2016	5:16 PM	13	2/9/2016	9:28 AM	25	2/9/2016	9:56 AM	35	2/9/2016	10:50 AM	43
1/9/2016	5:17 PM	11	2/9/2016	9:28 AM	25	2/9/2016	9:57 AM	35	2/9/2016	10:51 AM	42
1/9/2016	5:18 PM	10	2/9/2016	9:29 AM	24	2/9/2016	9:57 AM	35	2/9/2016	10:52 AM	44
1/9/2016	5:19 PM	9	2/9/2016	9:29 AM	24	2/9/2016	9:58 AM	34	2/9/2016	10:53 AM	45
1/9/2016	5:20 PM	9	2/9/2016	9:30 AM	25	2/9/2016	9:58 AM	34	2/9/2016	10:54 AM	45
1/9/2016	5:21 PM	8	2/9/2016	9:30 AM	25	2/9/2016	9:59 AM	34	2/9/2016	10:55 AM	46
1/9/2016	5:22 PM	9	2/9/2016	9:31 AM	23	2/9/2016	9:59 AM	34	2/9/2016	10:56 AM	46
1/9/2016	5:23 PM	7	2/9/2016	9:31 AM	23	2/9/2016	10:00 AM	35	2/9/2016	10:57 AM	45
1/9/2016	5:24 PM	7	2/9/2016	9:32 AM	24	2/9/2016	10:01 AM	35	2/9/2016	10:58 AM	44
1/9/2016	5:25 PM	5	2/9/2016	9:32 AM	24	2/9/2016	10:02 AM	36	2/9/2016	10:59 AM	42
1/9/2016	5:26 PM	3	2/9/2016	9:33 AM	20	2/9/2016	10:03 AM	35	2/9/2016	11:00 AM	43
1/9/2016	5:27 PM	3	2/9/2016	9:33 AM	20	2/9/2016	10:04 AM	34	2/9/2016	11:01 AM	47
1/9/2016	5:28 PM	2	2/9/2016	9:34 AM	20	2/9/2016	10:05 AM	35	2/9/2016	11:02 AM	46
1/9/2016	5:48 PM	2	2/9/2016	9:34 AM	20	2/9/2016	10:06 AM	36	2/9/2016	11:03 AM	47
1/9/2016	6:01 PM	1	2/9/2016	9:35 AM	20	2/9/2016	10:07 AM	37	2/9/2016	11:04 AM	45
1/9/2016	7:14 PM	2	2/9/2016	9:35 AM	20	2/9/2016	10:08 AM	37	2/9/2016	11:05 AM	43
2/9/2016	8:57 AM	2	2/9/2016	9:36 AM	20	2/9/2016	10:09 AM	37	2/9/2016	11:06 AM	48
2/9/2016	8:58 AM	4	2/9/2016	9:36 AM	20	2/9/2016	10:10 AM	36	2/9/2016	11:07 AM	49
2/9/2016	8:59 AM	2	2/9/2016	9:37 AM	21	2/9/2016	10:11 AM	35	2/9/2016	11:08 AM	47
2/9/2016	9:00 AM	5	2/9/2016	9:37 AM	21	2/9/2016	10:12 AM	35	2/9/2016	11:09 AM	47
2/9/2016	9:01 AM	8	2/9/2016	9:38 AM	23	2/9/2016	10:13 AM	34	2/9/2016	11:10 AM	47
2/9/2016	9:02 AM	12	2/9/2016	9:38 AM	23	2/9/2016	10:14 AM	35	2/9/2016	11:11 AM	45
2/9/2016	9:03 AM	15	2/9/2016	9:39 AM	25	2/9/2016	10:15 AM	34	2/9/2016	11:12 AM	47
2/9/2016	9:04 AM	16	2/9/2016	9:39 AM	25	2/9/2016	10:16 AM	33	2/9/2016	11:13 AM	48
2/9/2016	9:05 AM	18	2/9/2016	9:40 AM	27	2/9/2016	10:17 AM	35	2/9/2016	11:14 AM	50
2/9/2016	9:06 AM	20	2/9/2016	9:40 AM	27	2/9/2016	10:18 AM	34	2/9/2016	11:15 AM	51
2/9/2016	9:07 AM	23	2/9/2016	9:41 AM	30	2/9/2016	10:19 AM	35	2/9/2016	11:16 AM	49
2/9/2016	9:08 AM	24	2/9/2016	9:41 AM	30	2/9/2016	10:20 AM	37	2/9/2016	11:17 AM	47
2/9/2016	9:09 AM	26	2/9/2016	9:42 AM	29	2/9/2016	10:21 AM	36	2/9/2016	11:18 AM	50
2/9/2016	9:10 AM	28	2/9/2016	9:42 AM	29	2/9/2016	10:22 AM	38	2/9/2016	11:19 AM	49
2/9/2016	9:11 AM	22	2/9/2016	9:43 AM	31	2/9/2016	10:23 AM	37	2/9/2016	11:20 AM	47
2/9/2016	9:12 AM	20	2/9/2016	9:43 AM	31	2/9/2016	10:24 AM	36	2/9/2016	11:21 AM	49

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
2/9/2016	11:22 AM	48	2/9/2016	11:51 AM	60	2/9/2016	12:34 PM	62	2/9/2016	1:30 PM	67
2/9/2016	11:23 AM	50	2/9/2016	11:52 AM	60	2/9/2016	12:35 PM	63	2/9/2016	1:31 PM	65
2/9/2016	11:24 AM	50	2/9/2016	11:52 AM	60	2/9/2016	12:36 PM	62	2/9/2016	1:31 PM	65
2/9/2016	11:24 AM	50	2/9/2016	11:53 AM	60	2/9/2016	12:37 PM	61	2/9/2016	1:32 PM	65
2/9/2016	11:25 AM	49	2/9/2016	11:53 AM	60	2/9/2016	12:38 PM	62	2/9/2016	1:32 PM	65
2/9/2016	11:25 AM	49	2/9/2016	11:54 AM	61	2/9/2016	12:39 PM	63	2/9/2016	1:33 PM	65
2/9/2016	11:26 AM	48	2/9/2016	11:54 AM	61	2/9/2016	12:40 PM	62	2/9/2016	1:33 PM	65
2/9/2016	11:26 AM	48	2/9/2016	11:55 AM	59	2/9/2016	12:41 PM	65	2/9/2016	1:34 PM	65
2/9/2016	11:27 AM	47	2/9/2016	11:55 AM	59	2/9/2016	12:42 PM	61	2/9/2016	1:34 PM	65
2/9/2016	11:27 AM	47	2/9/2016	11:56 AM	58	2/9/2016	12:43 PM	63	2/9/2016	1:35 PM	65
2/9/2016	11:28 AM	47	2/9/2016	11:56 AM	58	2/9/2016	12:44 PM	64	2/9/2016	1:35 PM	65
2/9/2016	11:28 AM	47	2/9/2016	11:57 AM	60	2/9/2016	12:45 PM	65	2/9/2016	1:36 PM	67
2/9/2016	11:29 AM	48	2/9/2016	11:57 AM	60	2/9/2016	12:46 PM	65	2/9/2016	1:36 PM	67
2/9/2016	11:29 AM	48	2/9/2016	11:58 AM	55	2/9/2016	12:47 PM	64	2/9/2016	1:37 PM	67
2/9/2016	11:30 AM	50	2/9/2016	11:58 AM	55	2/9/2016	12:48 PM	66	2/9/2016	1:37 PM	67
2/9/2016	11:30 AM	50	2/9/2016	11:59 AM	57	2/9/2016	12:49 PM	64	2/9/2016	1:38 PM	67
2/9/2016	11:31 AM	51	2/9/2016	11:59 AM	57	2/9/2016	12:50 PM	63	2/9/2016	1:38 PM	67
2/9/2016	11:31 AM	51	2/9/2016	12:00 PM	53	2/9/2016	12:51 PM	65	2/9/2016	1:39 PM	68
2/9/2016	11:32 AM	53	2/9/2016	12:00 PM	53	2/9/2016	12:52 PM	66	2/9/2016	1:39 PM	68
2/9/2016	11:32 AM	53	2/9/2016	12:01 PM	57	2/9/2016	12:53 PM	67	2/9/2016	1:40 PM	67
2/9/2016	11:33 AM	54	2/9/2016	12:01 PM	57	2/9/2016	12:54 PM	65	2/9/2016	1:40 PM	67
2/9/2016	11:33 AM	54	2/9/2016	12:02 PM	55	2/9/2016	12:55 PM	67	2/9/2016	1:41 PM	67
2/9/2016	11:34 AM	53	2/9/2016	12:02 PM	55	2/9/2016	12:56 PM	64	2/9/2016	1:41 PM	67
2/9/2016	11:34 AM	53	2/9/2016	12:03 PM	56	2/9/2016	12:57 PM	65	2/9/2016	1:42 PM	67
2/9/2016	11:35 AM	55	2/9/2016	12:03 PM	56	2/9/2016	12:58 PM	65	2/9/2016	1:42 PM	67
2/9/2016	11:35 AM	55	2/9/2016	12:04 PM	52	2/9/2016	12:59 PM	65	2/9/2016	1:43 PM	67
2/9/2016	11:36 AM	53	2/9/2016	12:04 PM	52	2/9/2016	1:00 PM	65	2/9/2016	1:43 PM	67
2/9/2016	11:36 AM	53	2/9/2016	12:05 PM	55	2/9/2016	1:01 PM	64	2/9/2016	1:44 PM	67
2/9/2016	11:37 AM	55	2/9/2016	12:05 PM	55	2/9/2016	1:02 PM	65	2/9/2016	1:44 PM	67
2/9/2016	11:37 AM	55	2/9/2016	12:06 PM	57	2/9/2016	1:03 PM	65	2/9/2016	1:45 PM	67
2/9/2016	11:38 AM	55	2/9/2016	12:07 PM	56	2/9/2016	1:04 PM	68	2/9/2016	1:45 PM	67
2/9/2016	11:38 AM	55	2/9/2016	12:08 PM	58	2/9/2016	1:05 PM	68	2/9/2016	1:46 PM	68
2/9/2016	11:39 AM	55	2/9/2016	12:09 PM	60	2/9/2016	1:06 PM	67	2/9/2016	1:46 PM	68
2/9/2016	11:39 AM	55	2/9/2016	12:10 PM	60	2/9/2016	1:07 PM	68	2/9/2016	1:47 PM	68
2/9/2016	11:40 AM	55	2/9/2016	12:11 PM	60	2/9/2016	1:08 PM	67	2/9/2016	1:47 PM	68
2/9/2016	11:40 AM	55	2/9/2016	12:12 PM	61	2/9/2016	1:09 PM	66	2/9/2016	1:48 PM	68
2/9/2016	11:41 AM	56	2/9/2016	12:13 PM	60	2/9/2016	1:10 PM	66	2/9/2016	1:48 PM	68
2/9/2016	11:41 AM	56	2/9/2016	12:14 PM	61	2/9/2016	1:11 PM	64	2/9/2016	1:49 PM	67
2/9/2016	11:42 AM	57	2/9/2016	12:15 PM	62	2/9/2016	1:12 PM	65	2/9/2016	1:49 PM	67
2/9/2016	11:42 AM	57	2/9/2016	12:16 PM	63	2/9/2016	1:13 PM	64	2/9/2016	1:50 PM	67
2/9/2016	11:43 AM	58	2/9/2016	12:17 PM	60	2/9/2016	1:14 PM	67	2/9/2016	1:50 PM	67
2/9/2016	11:43 AM	58	2/9/2016	12:18 PM	59	2/9/2016	1:15 PM	65	2/9/2016	1:51 PM	66
2/9/2016	11:44 AM	56	2/9/2016	12:19 PM	60	2/9/2016	1:16 PM	66	2/9/2016	1:51 PM	66
2/9/2016	11:44 AM	56	2/9/2016	12:20 PM	58	2/9/2016	1:17 PM	66	2/9/2016	1:52 PM	66
2/9/2016	11:45 AM	55	2/9/2016	12:21 PM	57	2/9/2016	1:18 PM	66	2/9/2016	1:52 PM	66
2/9/2016	11:45 AM	55	2/9/2016	12:22 PM	57	2/9/2016	1:19 PM	66	2/9/2016	1:53 PM	66
2/9/2016	11:46 AM	56	2/9/2016	12:23 PM	58	2/9/2016	1:20 PM	66	2/9/2016	1:53 PM	66
2/9/2016	11:46 AM	56	2/9/2016	12:24 PM	60	2/9/2016	1:21 PM	66	2/9/2016	1:54 PM	66
2/9/2016	11:47 AM	54	2/9/2016	12:25 PM	60	2/9/2016	1:22 PM	65	2/9/2016	1:54 PM	66
2/9/2016	11:47 AM	54	2/9/2016	12:26 PM	62	2/9/2016	1:23 PM	64	2/9/2016	1:55 PM	66
2/9/2016	11:48 AM	55	2/9/2016	12:27 PM	63	2/9/2016	1:24 PM	65	2/9/2016	1:55 PM	66
2/9/2016	11:48 AM	55	2/9/2016	12:28 PM	62	2/9/2016	1:25 PM	66	2/9/2016	1:56 PM	66
2/9/2016	11:49 AM	57	2/9/2016	12:29 PM	65	2/9/2016	1:26 PM	67	2/9/2016	1:56 PM	66
2/9/2016	11:49 AM	57	2/9/2016	12:30 PM	64	2/9/2016	1:27 PM	66	2/9/2016	1:57 PM	66
2/9/2016	11:50 AM	58	2/9/2016	12:31 PM	63	2/9/2016	1:28 PM	66	2/9/2016	1:57 PM	66
2/9/2016	11:50 AM	58	2/9/2016	12:32 PM	62	2/9/2016	1:29 PM	65	2/9/2016	1:58 PM	66
2/9/2016	11:51 AM	60	2/9/2016	12:33 PM	61	2/9/2016	1:30 PM	67	2/9/2016	1:58 PM	66

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
2/9/2016	1:59 PM	66	2/9/2016	2:45 PM	77	2/9/2016	3:39 PM	84	2/9/2016	4:07 PM	78
2/9/2016	1:59 PM	66	2/9/2016	2:46 PM	75	2/9/2016	3:39 PM	84	2/9/2016	4:08 PM	78
2/9/2016	2:00 PM	67	2/9/2016	2:47 PM	75	2/9/2016	3:40 PM	84	2/9/2016	4:08 PM	78
2/9/2016	2:00 PM	67	2/9/2016	2:48 PM	74	2/9/2016	3:40 PM	84	2/9/2016	4:09 PM	78
2/9/2016	2:01 PM	66	2/9/2016	2:49 PM	74	2/9/2016	3:41 PM	87	2/9/2016	4:09 PM	78
2/9/2016	2:01 PM	66	2/9/2016	2:50 PM	74	2/9/2016	3:41 PM	87	2/9/2016	4:10 PM	80
2/9/2016	2:02 PM	66	2/9/2016	2:51 PM	74	2/9/2016	3:42 PM	83	2/9/2016	4:10 PM	80
2/9/2016	2:02 PM	66	2/9/2016	2:52 PM	73	2/9/2016	3:42 PM	83	2/9/2016	4:11 PM	80
2/9/2016	2:03 PM	66	2/9/2016	2:53 PM	73	2/9/2016	3:43 PM	81	2/9/2016	4:11 PM	80
2/9/2016	2:03 PM	66	2/9/2016	2:54 PM	73	2/9/2016	3:43 PM	81	2/9/2016	4:12 PM	81
2/9/2016	2:04 PM	65	2/9/2016	2:55 PM	72	2/9/2016	3:44 PM	82	2/9/2016	4:12 PM	81
2/9/2016	2:04 PM	65	2/9/2016	2:56 PM	72	2/9/2016	3:44 PM	82	2/9/2016	4:13 PM	81
2/9/2016	2:05 PM	65	2/9/2016	2:57 PM	72	2/9/2016	3:45 PM	81	2/9/2016	4:13 PM	81
2/9/2016	2:05 PM	65	2/9/2016	2:58 PM	74	2/9/2016	3:45 PM	81	2/9/2016	4:14 PM	81
2/9/2016	2:06 PM	65	2/9/2016	2:59 PM	74	2/9/2016	3:46 PM	80	2/9/2016	4:14 PM	81
2/9/2016	2:06 PM	65	2/9/2016	3:00 PM	73	2/9/2016	3:46 PM	80	2/9/2016	4:15 PM	80
2/9/2016	2:07 PM	65	2/9/2016	3:01 PM	73	2/9/2016	3:47 PM	81	2/9/2016	4:15 PM	80
2/9/2016	2:07 PM	65	2/9/2016	3:02 PM	70	2/9/2016	3:47 PM	81	2/9/2016	4:16 PM	78
2/9/2016	2:08 PM	65	2/9/2016	3:03 PM	71	2/9/2016	3:48 PM	80	2/9/2016	4:16 PM	78
2/9/2016	2:08 PM	65	2/9/2016	3:04 PM	72	2/9/2016	3:48 PM	80	2/9/2016	4:17 PM	78
2/9/2016	2:09 PM	65	2/9/2016	3:05 PM	72	2/9/2016	3:49 PM	80	2/9/2016	4:17 PM	78
2/9/2016	2:09 PM	65	2/9/2016	3:06 PM	70	2/9/2016	3:49 PM	80	2/9/2016	4:18 PM	78
2/9/2016	2:10 PM	63	2/9/2016	3:07 PM	70	2/9/2016	3:50 PM	79	2/9/2016	4:19 PM	76
2/9/2016	2:10 PM	63	2/9/2016	3:08 PM	72	2/9/2016	3:50 PM	79	2/9/2016	4:20 PM	76
2/9/2016	2:11 PM	64	2/9/2016	3:09 PM	72	2/9/2016	3:51 PM	78	2/9/2016	4:21 PM	76
2/9/2016	2:11 PM	64	2/9/2016	3:10 PM	73	2/9/2016	3:51 PM	78	2/9/2016	4:22 PM	77
2/9/2016	2:12 PM	67	2/9/2016	3:11 PM	73	2/9/2016	3:52 PM	79	2/9/2016	4:23 PM	78
2/9/2016	2:13 PM	67	2/9/2016	3:12 PM	73	2/9/2016	3:52 PM	79	2/9/2016	4:24 PM	79
2/9/2016	2:14 PM	67	2/9/2016	3:13 PM	74	2/9/2016	3:53 PM	78	2/9/2016	4:25 PM	78
2/9/2016	2:15 PM	67	2/9/2016	3:14 PM	74	2/9/2016	3:53 PM	78	2/9/2016	4:26 PM	77
2/9/2016	2:16 PM	68	2/9/2016	3:15 PM	73	2/9/2016	3:54 PM	76	2/9/2016	4:27 PM	78
2/9/2016	2:17 PM	68	2/9/2016	3:16 PM	72	2/9/2016	3:54 PM	76	2/9/2016	4:28 PM	79
2/9/2016	2:18 PM	69	2/9/2016	3:17 PM	72	2/9/2016	3:55 PM	79	2/9/2016	4:29 PM	77
2/9/2016	2:19 PM	70	2/9/2016	3:18 PM	72	2/9/2016	3:55 PM	79	2/9/2016	4:30 PM	76
2/9/2016	2:20 PM	72	2/9/2016	3:19 PM	73	2/9/2016	3:56 PM	78	2/9/2016	4:31 PM	76
2/9/2016	2:21 PM	76	2/9/2016	3:20 PM	74	2/9/2016	3:56 PM	78	2/9/2016	4:32 PM	75
2/9/2016	2:22 PM	75	2/9/2016	3:21 PM	72	2/9/2016	3:57 PM	78	2/9/2016	4:33 PM	74
2/9/2016	2:23 PM	75	2/9/2016	3:22 PM	75	2/9/2016	3:57 PM	78	2/9/2016	4:34 PM	73
2/9/2016	2:24 PM	75	2/9/2016	3:23 PM	75	2/9/2016	3:58 PM	77	2/9/2016	4:35 PM	76
2/9/2016	2:25 PM	75	2/9/2016	3:24 PM	76	2/9/2016	3:58 PM	77	2/9/2016	4:36 PM	75
2/9/2016	2:26 PM	75	2/9/2016	3:25 PM	77	2/9/2016	3:59 PM	78	2/9/2016	4:37 PM	75
2/9/2016	2:27 PM	73	2/9/2016	3:26 PM	76	2/9/2016	3:59 PM	78	2/9/2016	4:38 PM	75
2/9/2016	2:28 PM	73	2/9/2016	3:27 PM	77	2/9/2016	4:00 PM	77	2/9/2016	4:39 PM	75
2/9/2016	2:29 PM	74	2/9/2016	3:28 PM	78	2/9/2016	4:00 PM	77	2/9/2016	4:40 PM	74
2/9/2016	2:30 PM	74	2/9/2016	3:29 PM	80	2/9/2016	4:01 PM	76	2/9/2016	4:41 PM	74
2/9/2016	2:31 PM	74	2/9/2016	3:30 PM	80	2/9/2016	4:01 PM	76	2/9/2016	4:42 PM	74
2/9/2016	2:32 PM	76	2/9/2016	3:31 PM	81	2/9/2016	4:02 PM	76	2/9/2016	4:43 PM	75
2/9/2016	2:33 PM	76	2/9/2016	3:32 PM	78	2/9/2016	4:02 PM	76	2/9/2016	4:44 PM	73
2/9/2016	2:34 PM	75	2/9/2016	3:33 PM	77	2/9/2016	4:03 PM	76	2/9/2016	4:45 PM	72
2/9/2016	2:35 PM	76	2/9/2016	3:34 PM	76	2/9/2016	4:03 PM	76	2/9/2016	4:46 PM	73
2/9/2016	2:36 PM	77	2/9/2016	3:35 PM	78	2/9/2016	4:04 PM	77	2/9/2016	4:47 PM	74
2/9/2016	2:37 PM	75	2/9/2016	3:36 PM	78	2/9/2016	4:04 PM	77	2/9/2016	4:48 PM	70
2/9/2016	2:38 PM	74	2/9/2016	3:36 PM	78	2/9/2016	4:05 PM	78	2/9/2016	4:49 PM	70
2/9/2016	2:39 PM	74	2/9/2016	3:37 PM	80	2/9/2016	4:05 PM	78	2/9/2016	4:50 PM	69
2/9/2016	2:40 PM	74	2/9/2016	3:37 PM	80	2/9/2016	4:06 PM	78	2/9/2016	4:51 PM	69
2/9/2016	2:41 PM	75	2/9/2016	3:38 PM	82	2/9/2016	4:06 PM	78	2/9/2016	4:52 PM	68
2/9/2016	2:42 PM	75	2/9/2016	3:38 PM	82	2/9/2016	4:07 PM	78	2/9/2016	4:53 PM	67

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
2/9/2016	4:54 PM	68	2/9/2016	5:46 PM	23	3/9/2016	8:28 AM	24	3/9/2016	9:18 AM	34
2/9/2016	4:55 PM	67	2/9/2016	5:47 PM	24	3/9/2016	8:29 AM	26	3/9/2016	9:19 AM	34
2/9/2016	4:56 PM	68	2/9/2016	5:47 PM	24	3/9/2016	8:29 AM	26	3/9/2016	9:20 AM	35
2/9/2016	4:57 PM	66	2/9/2016	5:48 PM	22	3/9/2016	8:30 AM	28	3/9/2016	9:21 AM	35
2/9/2016	4:58 PM	67	2/9/2016	5:48 PM	22	3/9/2016	8:30 AM	28	3/9/2016	9:22 AM	36
2/9/2016	4:59 PM	68	2/9/2016	5:49 PM	23	3/9/2016	8:31 AM	22	3/9/2016	9:23 AM	35
2/9/2016	5:00 PM	65	2/9/2016	5:49 PM	23	3/9/2016	8:31 AM	22	3/9/2016	9:24 AM	34
2/9/2016	5:01 PM	65	2/9/2016	5:50 PM	22	3/9/2016	8:32 AM	20	3/9/2016	9:25 AM	35
2/9/2016	5:02 PM	64	2/9/2016	5:50 PM	22	3/9/2016	8:32 AM	20	3/9/2016	9:26 AM	36
2/9/2016	5:03 PM	62	2/9/2016	5:51 PM	21	3/9/2016	8:33 AM	18	3/9/2016	9:27 AM	37
2/9/2016	5:04 PM	61	2/9/2016	5:51 PM	21	3/9/2016	8:33 AM	18	3/9/2016	9:28 AM	37
2/9/2016	5:05 PM	60	2/9/2016	5:52 PM	21	3/9/2016	8:34 AM	22	3/9/2016	9:29 AM	37
2/9/2016	5:06 PM	58	2/9/2016	5:52 PM	21	3/9/2016	8:34 AM	22	3/9/2016	9:30 AM	36
2/9/2016	5:07 PM	57	2/9/2016	5:53 PM	20	3/9/2016	8:35 AM	25	3/9/2016	9:31 AM	35
2/9/2016	5:08 PM	56	2/9/2016	5:53 PM	20	3/9/2016	8:35 AM	25	3/9/2016	9:32 AM	35
2/9/2016	5:09 PM	56	2/9/2016	5:54 PM	18	3/9/2016	8:36 AM	28	3/9/2016	9:33 AM	34
2/9/2016	5:10 PM	55	2/9/2016	5:54 PM	18	3/9/2016	8:37 AM	27	3/9/2016	9:34 AM	35
2/9/2016	5:11 PM	56	2/9/2016	5:55 PM	18	3/9/2016	8:38 AM	26	3/9/2016	9:35 AM	34
2/9/2016	5:12 PM	53	2/9/2016	5:55 PM	18	3/9/2016	8:39 AM	26	3/9/2016	9:36 AM	33
2/9/2016	5:13 PM	52	2/9/2016	5:56 PM	17	3/9/2016	8:40 AM	25	3/9/2016	9:37 AM	35
2/9/2016	5:14 PM	53	2/9/2016	5:56 PM	17	3/9/2016	8:41 AM	30	3/9/2016	9:38 AM	34
2/9/2016	5:15 PM	50	2/9/2016	5:57 PM	15	3/9/2016	8:42 AM	29	3/9/2016	9:39 AM	35
2/9/2016	5:16 PM	48	2/9/2016	5:57 PM	15	3/9/2016	8:43 AM	30	3/9/2016	9:40 AM	37
2/9/2016	5:17 PM	47	2/9/2016	5:58 PM	10	3/9/2016	8:44 AM	28	3/9/2016	9:41 AM	36
2/9/2016	5:18 PM	46	2/9/2016	5:58 PM	10	3/9/2016	8:45 AM	27	3/9/2016	9:42 AM	38
2/9/2016	5:19 PM	45	2/9/2016	5:59 PM	11	3/9/2016	8:46 AM	26	3/9/2016	9:43 AM	37
2/9/2016	5:20 PM	45	2/9/2016	5:59 PM	11	3/9/2016	8:47 AM	27	3/9/2016	9:44 AM	36
2/9/2016	5:21 PM	45	2/9/2016	6:00 PM	8	3/9/2016	8:48 AM	25	3/9/2016	9:45 AM	35
2/9/2016	5:22 PM	45	2/9/2016	6:00 PM	8	3/9/2016	8:49 AM	25	3/9/2016	9:46 AM	38
2/9/2016	5:23 PM	44	2/9/2016	6:01 PM	5	3/9/2016	8:50 AM	25	3/9/2016	9:47 AM	38
2/9/2016	5:24 PM	45	2/9/2016	6:01 PM	5	3/9/2016	8:51 AM	23	3/9/2016	9:48 AM	38
2/9/2016	5:25 PM	42	2/9/2016	6:02 PM	6	3/9/2016	8:52 AM	24	3/9/2016	9:49 AM	39
2/9/2016	5:26 PM	42	2/9/2016	6:02 PM	6	3/9/2016	8:53 AM	21	3/9/2016	9:50 AM	39
2/9/2016	5:27 PM	43	2/9/2016	6:03 PM	2	3/9/2016	8:54 AM	21	3/9/2016	9:51 AM	40
2/9/2016	5:28 PM	41	2/9/2016	6:03 PM	2	3/9/2016	8:55 AM	21	3/9/2016	9:52 AM	40
2/9/2016	5:29 PM	40	2/9/2016	6:14 PM	2	3/9/2016	8:56 AM	20	3/9/2016	9:53 AM	40
2/9/2016	5:30 PM	39	2/9/2016	6:14 PM	2	3/9/2016	8:57 AM	21	3/9/2016	9:54 AM	39
2/9/2016	5:31 PM	39	2/9/2016			3/9/2016	8:58 AM	23	3/9/2016	9:55 AM	39
2/9/2016	5:32 PM	39	3/9/2016	8:19 AM	1	3/9/2016	8:59 AM	25	3/9/2016	9:56 AM	38
2/9/2016	5:33 PM	38	3/9/2016	8:19 AM	1	3/9/2016	9:00 AM	27	3/9/2016	9:57 AM	39
2/9/2016	5:34 PM	35	3/9/2016	8:20 AM	3	3/9/2016	9:01 AM	30	3/9/2016	9:58 AM	40
2/9/2016	5:35 PM	35	3/9/2016	8:20 AM	3	3/9/2016	9:02 AM	29	3/9/2016	9:59 AM	40
2/9/2016	5:36 PM	35	3/9/2016	8:21 AM	2	3/9/2016	9:03 AM	31	3/9/2016	10:00 AM	40
2/9/2016	5:37 PM	34	3/9/2016	8:21 AM	2	3/9/2016	9:04 AM	32	3/9/2016	10:00 AM	40
2/9/2016	5:38 PM	34	3/9/2016	8:22 AM	4	3/9/2016	9:05 AM	33	3/9/2016	10:01 AM	39
2/9/2016	5:39 PM	34	3/9/2016	8:22 AM	4	3/9/2016	9:06 AM	32	3/9/2016	10:01 AM	39
2/9/2016	5:40 PM	30	3/9/2016	8:23 AM	8	3/9/2016	9:07 AM	34	3/9/2016	10:02 AM	39
2/9/2016	5:41 PM	29	3/9/2016	8:23 AM	8	3/9/2016	9:08 AM	32	3/9/2016	10:02 AM	39
2/9/2016	5:42 PM	26	3/9/2016	8:24 AM	10	3/9/2016	9:09 AM	35	3/9/2016	10:03 AM	40
2/9/2016	5:42 PM	26	3/9/2016	8:24 AM	10	3/9/2016	9:10 AM	37	3/9/2016	10:03 AM	40
2/9/2016	5:43 PM	26	3/9/2016	8:25 AM	14	3/9/2016	9:11 AM	35	3/9/2016	10:04 AM	41
2/9/2016	5:43 PM	26	3/9/2016	8:25 AM	14	3/9/2016	9:12 AM	34	3/9/2016	10:04 AM	41
2/9/2016	5:44 PM	26	3/9/2016	8:26 AM	20	3/9/2016	9:13 AM	36	3/9/2016	10:05 AM	45
2/9/2016	5:44 PM	26	3/9/2016	8:26 AM	20	3/9/2016	9:14 AM	35	3/9/2016	10:05 AM	45
2/9/2016	5:45 PM	25	3/9/2016	8:27 AM	23	3/9/2016	9:15 AM	35	3/9/2016	10:06 AM	45
2/9/2016	5:45 PM	25	3/9/2016	8:27 AM	23	3/9/2016	9:16 AM	35	3/9/2016	10:06 AM	45
2/9/2016	5:46 PM	23	3/9/2016	8:28 AM	24	3/9/2016	9:17 AM	35	3/9/2016	10:07 AM	46

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
3/9/2016	10:07 AM	46	3/9/2016	10:36 AM	49	3/9/2016	11:27 AM	56	3/9/2016	12:15 PM	67
3/9/2016	10:08 AM	44	3/9/2016	10:36 AM	49	3/9/2016	11:28 AM	58	3/9/2016	12:15 PM	67
3/9/2016	10:08 AM	44	3/9/2016	10:37 AM	47	3/9/2016	11:29 AM	60	3/9/2016	12:16 PM	64
3/9/2016	10:09 AM	45	3/9/2016	10:37 AM	47	3/9/2016	11:30 AM	60	3/9/2016	12:16 PM	64
3/9/2016	10:09 AM	45	3/9/2016	10:38 AM	50	3/9/2016	11:31 AM	60	3/9/2016	12:17 PM	65
3/9/2016	10:10 AM	43	3/9/2016	10:38 AM	50	3/9/2016	11:32 AM	61	3/9/2016	12:17 PM	65
3/9/2016	10:10 AM	43	3/9/2016	10:39 AM	49	3/9/2016	11:33 AM	62	3/9/2016	12:18 PM	65
3/9/2016	10:11 AM	42	3/9/2016	10:39 AM	49	3/9/2016	11:34 AM	61	3/9/2016	12:18 PM	65
3/9/2016	10:11 AM	42	3/9/2016	10:40 AM	47	3/9/2016	11:35 AM	62	3/9/2016	12:19 PM	65
3/9/2016	10:12 AM	44	3/9/2016	10:40 AM	47	3/9/2016	11:36 AM	63	3/9/2016	12:19 PM	65
3/9/2016	10:12 AM	44	3/9/2016	10:41 AM	49	3/9/2016	11:37 AM	60	3/9/2016	12:20 PM	65
3/9/2016	10:13 AM	45	3/9/2016	10:41 AM	49	3/9/2016	11:38 AM	59	3/9/2016	12:20 PM	65
3/9/2016	10:13 AM	45	3/9/2016	10:42 AM	48	3/9/2016	11:39 AM	60	3/9/2016	12:21 PM	64
3/9/2016	10:14 AM	45	3/9/2016	10:43 AM	50	3/9/2016	11:40 AM	58	3/9/2016	12:21 PM	64
3/9/2016	10:14 AM	45	3/9/2016	10:44 AM	50	3/9/2016	11:41 AM	57	3/9/2016	12:22 PM	65
3/9/2016	10:15 AM	46	3/9/2016	10:45 AM	49	3/9/2016	11:42 AM	57	3/9/2016	12:22 PM	65
3/9/2016	10:15 AM	46	3/9/2016	10:46 AM	48	3/9/2016	11:43 AM	58	3/9/2016	12:23 PM	65
3/9/2016	10:16 AM	46	3/9/2016	10:47 AM	47	3/9/2016	11:44 AM	60	3/9/2016	12:23 PM	65
3/9/2016	10:16 AM	46	3/9/2016	10:48 AM	47	3/9/2016	11:45 AM	60	3/9/2016	12:24 PM	66
3/9/2016	10:17 AM	45	3/9/2016	10:49 AM	48	3/9/2016	11:46 AM	62	3/9/2016	12:24 PM	66
3/9/2016	10:17 AM	45	3/9/2016	10:50 AM	50	3/9/2016	11:47 AM	63	3/9/2016	12:25 PM	66
3/9/2016	10:18 AM	44	3/9/2016	10:51 AM	51	3/9/2016	11:48 AM	62	3/9/2016	12:25 PM	66
3/9/2016	10:18 AM	44	3/9/2016	10:52 AM	53	3/9/2016	11:49 AM	65	3/9/2016	12:26 PM	66
3/9/2016	10:19 AM	42	3/9/2016	10:53 AM	54	3/9/2016	11:50 AM	64	3/9/2016	12:26 PM	66
3/9/2016	10:19 AM	42	3/9/2016	10:54 AM	53	3/9/2016	11:51 AM	63	3/9/2016	12:27 PM	66
3/9/2016	10:20 AM	43	3/9/2016	10:55 AM	55	3/9/2016	11:52 AM	62	3/9/2016	12:27 PM	66
3/9/2016	10:20 AM	43	3/9/2016	10:56 AM	53	3/9/2016	11:53 AM	61	3/9/2016	12:28 PM	66
3/9/2016	10:21 AM	47	3/9/2016	10:57 AM	55	3/9/2016	11:54 AM	62	3/9/2016	12:28 PM	66
3/9/2016	10:21 AM	47	3/9/2016	10:58 AM	55	3/9/2016	11:55 AM	63	3/9/2016	12:29 PM	66
3/9/2016	10:22 AM	46	3/9/2016	10:59 AM	55	3/9/2016	11:56 AM	62	3/9/2016	12:29 PM	66
3/9/2016	10:22 AM	46	3/9/2016	11:00 AM	55	3/9/2016	11:57 AM	61	3/9/2016	12:30 PM	66
3/9/2016	10:23 AM	47	3/9/2016	11:01 AM	56	3/9/2016	11:58 AM	62	3/9/2016	12:30 PM	66
3/9/2016	10:23 AM	47	3/9/2016	11:02 AM	57	3/9/2016	11:59 AM	63	3/9/2016	12:31 PM	64
3/9/2016	10:24 AM	45	3/9/2016	11:03 AM	58	3/9/2016	12:00 PM	62	3/9/2016	12:31 PM	64
3/9/2016	10:24 AM	45	3/9/2016	11:04 AM	56	3/9/2016	12:01 PM	65	3/9/2016	12:32 PM	65
3/9/2016	10:25 AM	43	3/9/2016	11:05 AM	55	3/9/2016	12:02 PM	61	3/9/2016	12:32 PM	65
3/9/2016	10:25 AM	43	3/9/2016	11:06 AM	56	3/9/2016	12:03 PM	63	3/9/2016	12:33 PM	64
3/9/2016	10:26 AM	48	3/9/2016	11:07 AM	54	3/9/2016	12:04 PM	64	3/9/2016	12:33 PM	64
3/9/2016	10:26 AM	48	3/9/2016	11:08 AM	55	3/9/2016	12:05 PM	65	3/9/2016	12:34 PM	67
3/9/2016	10:27 AM	49	3/9/2016	11:09 AM	57	3/9/2016	12:06 PM	65	3/9/2016	12:34 PM	67
3/9/2016	10:27 AM	49	3/9/2016	11:10 AM	58	3/9/2016	12:06 PM	65	3/9/2016	12:35 PM	65
3/9/2016	10:28 AM	47	3/9/2016	11:11 AM	59	3/9/2016	12:07 PM	64	3/9/2016	12:35 PM	65
3/9/2016	10:28 AM	47	3/9/2016	11:12 AM	59	3/9/2016	12:07 PM	64	3/9/2016	12:36 PM	66
3/9/2016	10:29 AM	47	3/9/2016	11:13 AM	60	3/9/2016	12:08 PM	66	3/9/2016	12:36 PM	66
3/9/2016	10:29 AM	47	3/9/2016	11:14 AM	61	3/9/2016	12:08 PM	66	3/9/2016	12:37 PM	66
3/9/2016	10:30 AM	47	3/9/2016	11:15 AM	59	3/9/2016	12:09 PM	64	3/9/2016	12:37 PM	66
3/9/2016	10:30 AM	47	3/9/2016	11:16 AM	58	3/9/2016	12:09 PM	64	3/9/2016	12:38 PM	66
3/9/2016	10:31 AM	45	3/9/2016	11:17 AM	60	3/9/2016	12:10 PM	63	3/9/2016	12:38 PM	66
3/9/2016	10:31 AM	45	3/9/2016	11:18 AM	55	3/9/2016	12:10 PM	63	3/9/2016	12:39 PM	66
3/9/2016	10:32 AM	47	3/9/2016	11:19 AM	57	3/9/2016	12:11 PM	65	3/9/2016	12:39 PM	66
3/9/2016	10:32 AM	47	3/9/2016	11:20 AM	53	3/9/2016	12:11 PM	65	3/9/2016	12:40 PM	66
3/9/2016	10:33 AM	48	3/9/2016	11:21 AM	57	3/9/2016	12:12 PM	66	3/9/2016	12:40 PM	66
3/9/2016	10:33 AM	48	3/9/2016	11:22 AM	55	3/9/2016	12:12 PM	66	3/9/2016	12:41 PM	66
3/9/2016	10:34 AM	50	3/9/2016	11:23 AM	55	3/9/2016	12:13 PM	67	3/9/2016	12:41 PM	66
3/9/2016	10:34 AM	50	3/9/2016	11:24 AM	52	3/9/2016	12:13 PM	67	3/9/2016	12:42 PM	65
3/9/2016	10:35 AM	51	3/9/2016	11:25 AM	55	3/9/2016	12:14 PM	65	3/9/2016	12:42 PM	65
3/9/2016	10:35 AM	51	3/9/2016	11:26 AM	57	3/9/2016	12:14 PM	65	3/9/2016	12:43 PM	64

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
3/9/2016	12:43 PM	64	3/9/2016	1:36 PM	68	3/9/2016	2:22 PM	70	3/9/2016	2:51 PM	81
3/9/2016	12:44 PM	65	3/9/2016	1:37 PM	68	3/9/2016	2:23 PM	71	3/9/2016	2:51 PM	81
3/9/2016	12:44 PM	65	3/9/2016	1:38 PM	69	3/9/2016	2:23 PM	71	3/9/2016	2:52 PM	78
3/9/2016	12:45 PM	66	3/9/2016	1:39 PM	70	3/9/2016	2:24 PM	72	3/9/2016	2:52 PM	78
3/9/2016	12:45 PM	66	3/9/2016	1:40 PM	72	3/9/2016	2:24 PM	72	3/9/2016	2:53 PM	77
3/9/2016	12:46 PM	67	3/9/2016	1:41 PM	76	3/9/2016	2:25 PM	72	3/9/2016	2:53 PM	77
3/9/2016	12:46 PM	67	3/9/2016	1:42 PM	75	3/9/2016	2:25 PM	72	3/9/2016	2:54 PM	76
3/9/2016	12:47 PM	66	3/9/2016	1:43 PM	75	3/9/2016	2:26 PM	70	3/9/2016	2:55 PM	78
3/9/2016	12:47 PM	66	3/9/2016	1:44 PM	75	3/9/2016	2:26 PM	70	3/9/2016	2:56 PM	78
3/9/2016	12:48 PM	66	3/9/2016	1:45 PM	75	3/9/2016	2:27 PM	70	3/9/2016	2:57 PM	79
3/9/2016	12:49 PM	65	3/9/2016	1:46 PM	75	3/9/2016	2:27 PM	70	3/9/2016	2:58 PM	81
3/9/2016	12:50 PM	67	3/9/2016	1:47 PM	73	3/9/2016	2:28 PM	72	3/9/2016	2:59 PM	84
3/9/2016	12:51 PM	65	3/9/2016	1:48 PM	73	3/9/2016	2:28 PM	72	3/9/2016	3:00 PM	84
3/9/2016	12:52 PM	65	3/9/2016	1:49 PM	74	3/9/2016	2:29 PM	72	3/9/2016	3:01 PM	81
3/9/2016	12:53 PM	65	3/9/2016	1:50 PM	74	3/9/2016	2:29 PM	72	3/9/2016	3:02 PM	82
3/9/2016	12:54 PM	65	3/9/2016	1:51 PM	74	3/9/2016	2:30 PM	73	3/9/2016	3:03 PM	81
3/9/2016	12:55 PM	65	3/9/2016	1:52 PM	76	3/9/2016	2:30 PM	73	3/9/2016	3:04 PM	82
3/9/2016	12:56 PM	67	3/9/2016	1:53 PM	76	3/9/2016	2:31 PM	73	3/9/2016	3:05 PM	81
3/9/2016	12:57 PM	67	3/9/2016	1:54 PM	75	3/9/2016	2:31 PM	73	3/9/2016	3:06 PM	80
3/9/2016	12:58 PM	67	3/9/2016	1:55 PM	76	3/9/2016	2:32 PM	73	3/9/2016	3:07 PM	81
3/9/2016	12:59 PM	68	3/9/2016	1:56 PM	77	3/9/2016	2:32 PM	73	3/9/2016	3:08 PM	80
3/9/2016	1:00 PM	67	3/9/2016	1:57 PM	75	3/9/2016	2:33 PM	74	3/9/2016	3:09 PM	80
3/9/2016	1:01 PM	67	3/9/2016	1:58 PM	74	3/9/2016	2:33 PM	74	3/9/2016	3:10 PM	79
3/9/2016	1:02 PM	67	3/9/2016	1:59 PM	74	3/9/2016	2:34 PM	74	3/9/2016	3:11 PM	78
3/9/2016	1:03 PM	67	3/9/2016	2:00 PM	74	3/9/2016	2:34 PM	74	3/9/2016	3:12 PM	79
3/9/2016	1:04 PM	67	3/9/2016	2:01 PM	75	3/9/2016	2:35 PM	73	3/9/2016	3:13 PM	78
3/9/2016	1:05 PM	67	3/9/2016	2:02 PM	75	3/9/2016	2:35 PM	73	3/9/2016	3:14 PM	76
3/9/2016	1:06 PM	68	3/9/2016	2:03 PM	76	3/9/2016	2:36 PM	72	3/9/2016	3:15 PM	79
3/9/2016	1:07 PM	68	3/9/2016	2:04 PM	75	3/9/2016	2:36 PM	72	3/9/2016	3:16 PM	78
3/9/2016	1:08 PM	68	3/9/2016	2:05 PM	77	3/9/2016	2:37 PM	72	3/9/2016	3:17 PM	78
3/9/2016	1:09 PM	67	3/9/2016	2:06 PM	75	3/9/2016	2:37 PM	72	3/9/2016	3:18 PM	77
3/9/2016	1:10 PM	67	3/9/2016	2:07 PM	75	3/9/2016	2:38 PM	72	3/9/2016	3:19 PM	78
3/9/2016	1:11 PM	66	3/9/2016	2:08 PM	74	3/9/2016	2:38 PM	72	3/9/2016	3:20 PM	76
3/9/2016	1:12 PM	65	3/9/2016	2:09 PM	74	3/9/2016	2:39 PM	73	3/9/2016	3:21 PM	76
3/9/2016	1:13 PM	65	3/9/2016	2:10 PM	74	3/9/2016	2:39 PM	73	3/9/2016	3:22 PM	76
3/9/2016	1:14 PM	64	3/9/2016	2:11 PM	74	3/9/2016	2:40 PM	74	3/9/2016	3:23 PM	76
3/9/2016	1:15 PM	65	3/9/2016	2:12 PM	73	3/9/2016	2:40 PM	74	3/9/2016	3:24 PM	77
3/9/2016	1:16 PM	66	3/9/2016	2:12 PM	73	3/9/2016	2:41 PM	72	3/9/2016	3:25 PM	78
3/9/2016	1:17 PM	66	3/9/2016	2:13 PM	73	3/9/2016	2:41 PM	72	3/9/2016	3:26 PM	78
3/9/2016	1:18 PM	66	3/9/2016	2:13 PM	73	3/9/2016	2:42 PM	75	3/9/2016	3:27 PM	78
3/9/2016	1:19 PM	66	3/9/2016	2:14 PM	73	3/9/2016	2:42 PM	75	3/9/2016	3:28 PM	78
3/9/2016	1:20 PM	67	3/9/2016	2:14 PM	73	3/9/2016	2:43 PM	75	3/9/2016	3:29 PM	78
3/9/2016	1:21 PM	65	3/9/2016	2:15 PM	72	3/9/2016	2:43 PM	75	3/9/2016	3:30 PM	80
3/9/2016	1:22 PM	65	3/9/2016	2:15 PM	72	3/9/2016	2:44 PM	76	3/9/2016	3:31 PM	80
3/9/2016	1:23 PM	65	3/9/2016	2:16 PM	72	3/9/2016	2:44 PM	76	3/9/2016	3:32 PM	81
3/9/2016	1:24 PM	65	3/9/2016	2:16 PM	72	3/9/2016	2:45 PM	77	3/9/2016	3:33 PM	81
3/9/2016	1:25 PM	65	3/9/2016	2:17 PM	72	3/9/2016	2:45 PM	77	3/9/2016	3:34 PM	81
3/9/2016	1:26 PM	65	3/9/2016	2:17 PM	72	3/9/2016	2:46 PM	76	3/9/2016	3:35 PM	80
3/9/2016	1:27 PM	65	3/9/2016	2:18 PM	74	3/9/2016	2:46 PM	76	3/9/2016	3:36 PM	78
3/9/2016	1:28 PM	65	3/9/2016	2:18 PM	74	3/9/2016	2:47 PM	77	3/9/2016	3:37 PM	78
3/9/2016	1:29 PM	65	3/9/2016	2:19 PM	74	3/9/2016	2:47 PM	77	3/9/2016	3:38 PM	78
3/9/2016	1:30 PM	63	3/9/2016	2:19 PM	74	3/9/2016	2:48 PM	78	3/9/2016	3:39 PM	76
3/9/2016	1:31 PM	64	3/9/2016	2:20 PM	73	3/9/2016	2:48 PM	78	3/9/2016	3:40 PM	76
3/9/2016	1:32 PM	67	3/9/2016	2:20 PM	73	3/9/2016	2:49 PM	80	3/9/2016	3:41 PM	76
3/9/2016	1:33 PM	67	3/9/2016	2:21 PM	73	3/9/2016	2:49 PM	80	3/9/2016	3:42 PM	77
3/9/2016	1:34 PM	67	3/9/2016	2:21 PM	73	3/9/2016	2:50 PM	80	3/9/2016	3:43 PM	78
3/9/2016	1:35 PM	67	3/9/2016	2:22 PM	70	3/9/2016	2:50 PM	80	3/9/2016	3:44 PM	79

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
3/9/2016	3:45 PM	78	3/9/2016	4:30 PM	55	3/9/2016	4:58 PM	34	4/9/2016	8:55 AM	26
3/9/2016	3:46 PM	77	3/9/2016	4:30 PM	55	3/9/2016	4:59 PM	34	4/9/2016	8:56 AM	28
3/9/2016	3:47 PM	78	3/9/2016	4:31 PM	56	3/9/2016	4:59 PM	34	4/9/2016	8:57 AM	22
3/9/2016	3:48 PM	79	3/9/2016	4:31 PM	56	3/9/2016	5:00 PM	30	4/9/2016	8:58 AM	20
3/9/2016	3:49 PM	77	3/9/2016	4:32 PM	53	3/9/2016	5:01 PM	29	4/9/2016	8:59 AM	18
3/9/2016	3:50 PM	76	3/9/2016	4:32 PM	53	3/9/2016	5:02 PM	26	4/9/2016	9:00 AM	22
3/9/2016	3:51 PM	76	3/9/2016	4:33 PM	52	3/9/2016	5:03 PM	26	4/9/2016	9:01 AM	25
3/9/2016	3:52 PM	75	3/9/2016	4:33 PM	52	3/9/2016	5:04 PM	26	4/9/2016	9:02 AM	28
3/9/2016	3:53 PM	74	3/9/2016	4:34 PM	53	3/9/2016	5:05 PM	25	4/9/2016	9:03 AM	26
3/9/2016	3:54 PM	73	3/9/2016	4:34 PM	53	3/9/2016	5:06 PM	23	4/9/2016	9:04 AM	24
3/9/2016	3:55 PM	76	3/9/2016	4:35 PM	50	3/9/2016	5:07 PM	24	4/9/2016	9:05 AM	26
3/9/2016	3:56 PM	75	3/9/2016	4:35 PM	50	3/9/2016	5:08 PM	22	4/9/2016	9:06 AM	25
3/9/2016	3:57 PM	75	3/9/2016	4:36 PM	48	3/9/2016	5:09 PM	23	4/9/2016	9:07 AM	30
3/9/2016	3:58 PM	75	3/9/2016	4:36 PM	48	3/9/2016	5:10 PM	22	4/9/2016	9:08 AM	29
3/9/2016	3:59 PM	75	3/9/2016	4:37 PM	47	3/9/2016	5:11 PM	21	4/9/2016	9:09 AM	28
3/9/2016	4:00 PM	74	3/9/2016	4:37 PM	47	3/9/2016	5:12 PM	21	4/9/2016	9:10 AM	26
3/9/2016	4:01 PM	74	3/9/2016	4:38 PM	46	3/9/2016	5:13 PM	20	4/9/2016	9:11 AM	27
3/9/2016	4:02 PM	74	3/9/2016	4:38 PM	46	3/9/2016	5:14 PM	18	4/9/2016	9:12 AM	25
3/9/2016	4:03 PM	75	3/9/2016	4:39 PM	45	3/9/2016	5:15 PM	18	4/9/2016	9:13 AM	27
3/9/2016	4:04 PM	73	3/9/2016	4:39 PM	45	3/9/2016	5:16 PM	17	4/9/2016	9:14 AM	25
3/9/2016	4:05 PM	72	3/9/2016	4:40 PM	45	3/9/2016	5:17 PM	15	4/9/2016	9:15 AM	24
3/9/2016	4:06 PM	73	3/9/2016	4:40 PM	45	3/9/2016	5:18 PM	14	4/9/2016	9:16 AM	25
3/9/2016	4:07 PM	74	3/9/2016	4:41 PM	45	3/9/2016	5:19 PM	15	4/9/2016	9:17 AM	23
3/9/2016	4:08 PM	70	3/9/2016	4:41 PM	45	3/9/2016	5:20 PM	15	4/9/2016	9:18 AM	24
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3/9/2016	4:10 PM	69	3/9/2016	4:42 PM	45	3/9/2016	5:22 PM	13	4/9/2016	9:20 AM	20
3/9/2016	4:11 PM	69	3/9/2016	4:43 PM	44	3/9/2016	5:23 PM	11	4/9/2016	9:21 AM	20
3/9/2016	4:12 PM	68	3/9/2016	4:43 PM	44	3/9/2016	5:24 PM	10	4/9/2016	9:22 AM	20
3/9/2016	4:13 PM	67	3/9/2016	4:44 PM	45	3/9/2016	5:25 PM	9	4/9/2016	9:23 AM	21
3/9/2016	4:14 PM	68	3/9/2016	4:44 PM	45	3/9/2016	5:26 PM	9	4/9/2016	9:24 AM	23
3/9/2016	4:15 PM	67	3/9/2016	4:45 PM	42	3/9/2016	5:27 PM	8	4/9/2016	9:25 AM	25
3/9/2016	4:16 PM	68	3/9/2016	4:45 PM	42	3/9/2016	5:28 PM	9	4/9/2016	9:26 AM	27
3/9/2016	4:17 PM	66	3/9/2016	4:46 PM	42	3/9/2016	5:29 PM	7	4/9/2016	9:27 AM	30
3/9/2016	4:18 PM	67	3/9/2016	4:46 PM	42	3/9/2016	5:30 PM	7	4/9/2016	9:28 AM	29
3/9/2016	4:18 PM	67	3/9/2016	4:47 PM	43	3/9/2016	5:31 PM	5	4/9/2016	9:29 AM	31
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3/9/2016	4:19 PM	68	3/9/2016	4:48 PM	41	3/9/2016	5:33 PM	3	4/9/2016	9:30 AM	32
3/9/2016	4:20 PM	65	3/9/2016	4:48 PM	41	3/9/2016	5:34 PM	2	4/9/2016	9:31 AM	33
3/9/2016	4:20 PM	65	3/9/2016	4:49 PM	40	3/9/2016	5:54 PM	2	4/9/2016	9:31 AM	33
3/9/2016	4:21 PM	65	3/9/2016	4:49 PM	40	3/9/2016	6:07 PM	1	4/9/2016	9:32 AM	32
3/9/2016	4:21 PM	65	3/9/2016	4:50 PM	39	3/9/2016	7:20 PM	2	4/9/2016	9:32 AM	32
3/9/2016	4:22 PM	64	3/9/2016	4:50 PM	39	3/9/2016			4/9/2016	9:33 AM	34
3/9/2016	4:22 PM	64	3/9/2016	4:51 PM	39	3/9/2016			4/9/2016	9:33 AM	34
3/9/2016	4:23 PM	62	3/9/2016	4:51 PM	39	3/9/2016			4/9/2016	9:34 AM	32
3/9/2016	4:23 PM	62	3/9/2016	4:52 PM	39	3/9/2016			4/9/2016	9:34 AM	32
3/9/2016	4:24 PM	61	3/9/2016	4:52 PM	39	4/9/2016	8:43 AM	3	4/9/2016	9:35 AM	35
3/9/2016	4:24 PM	61	3/9/2016	4:53 PM	38	4/9/2016	8:44 AM	4	4/9/2016	9:35 AM	35
3/9/2016	4:25 PM	60	3/9/2016	4:53 PM	38	4/9/2016	8:45 AM	2	4/9/2016	9:36 AM	37
3/9/2016	4:25 PM	60	3/9/2016	4:54 PM	35	4/9/2016	8:46 AM	5	4/9/2016	9:36 AM	37
3/9/2016	4:26 PM	58	3/9/2016	4:54 PM	35	4/9/2016	8:47 AM	10	4/9/2016	9:37 AM	35
3/9/2016	4:26 PM	58	3/9/2016	4:55 PM	35	4/9/2016	8:48 AM	12	4/9/2016	9:37 AM	35
3/9/2016	4:27 PM	57	3/9/2016	4:55 PM	35	4/9/2016	8:49 AM	12	4/9/2016	9:38 AM	34
3/9/2016	4:27 PM	57	3/9/2016	4:56 PM	35	4/9/2016	8:50 AM	14	4/9/2016	9:38 AM	34
3/9/2016	4:28 PM	56	3/9/2016	4:56 PM	35	4/9/2016	8:51 AM	16	4/9/2016	9:39 AM	36
3/9/2016	4:28 PM	56	3/9/2016	4:57 PM	34	4/9/2016	8:52 AM	20	4/9/2016	9:39 AM	36
3/9/2016	4:29 PM	56	3/9/2016	4:57 PM	34	4/9/2016	8:53 AM	23	4/9/2016	9:40 AM	35
3/9/2016	4:29 PM	56	3/9/2016	4:58 PM	34	4/9/2016	8:54 AM	24	4/9/2016	9:40 AM	35

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
4/9/2016	9:41 AM	35	4/9/2016	10:09 AM	37	4/9/2016	11:03 AM	47	4/9/2016	11:47 AM	57
4/9/2016	9:41 AM	35	4/9/2016	10:10 AM	36	4/9/2016	11:04 AM	50	4/9/2016	11:48 AM	55
4/9/2016	9:42 AM	35	4/9/2016	10:10 AM	36	4/9/2016	11:05 AM	49	4/9/2016	11:48 AM	55
4/9/2016	9:42 AM	35	4/9/2016	10:11 AM	35	4/9/2016	11:06 AM	47	4/9/2016	11:49 AM	56
4/9/2016	9:43 AM	35	4/9/2016	10:11 AM	35	4/9/2016	11:07 AM	49	4/9/2016	11:49 AM	56
4/9/2016	9:43 AM	35	4/9/2016	10:12 AM	38	4/9/2016	11:08 AM	48	4/9/2016	11:50 AM	52
4/9/2016	9:44 AM	34	4/9/2016	10:12 AM	38	4/9/2016	11:09 AM	50	4/9/2016	11:50 AM	52
4/9/2016	9:44 AM	34	4/9/2016	10:13 AM	38	4/9/2016	11:10 AM	50	4/9/2016	11:51 AM	55
4/9/2016	9:45 AM	34	4/9/2016	10:14 AM	38	4/9/2016	11:11 AM	49	4/9/2016	11:51 AM	55
4/9/2016	9:45 AM	34	4/9/2016	10:15 AM	39	4/9/2016	11:12 AM	48	4/9/2016	11:52 AM	57
4/9/2016	9:46 AM	35	4/9/2016	10:16 AM	39	4/9/2016	11:13 AM	47	4/9/2016	11:52 AM	57
4/9/2016	9:46 AM	35	4/9/2016	10:17 AM	40	4/9/2016	11:14 AM	47	4/9/2016	11:53 AM	56
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4/9/2016	9:47 AM	35	4/9/2016	10:19 AM	40	4/9/2016	11:16 AM	50	4/9/2016	11:54 AM	58
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4/9/2016	9:49 AM	35	4/9/2016	10:23 AM	37	4/9/2016	11:20 AM	53	4/9/2016	11:56 AM	60
4/9/2016	9:50 AM	34	4/9/2016	10:24 AM	40	4/9/2016	11:21 AM	55	4/9/2016	11:56 AM	60
4/9/2016	9:50 AM	34	4/9/2016	10:25 AM	40	4/9/2016	11:22 AM	53	4/9/2016	11:57 AM	60
4/9/2016	9:51 AM	35	4/9/2016	10:26 AM	39	4/9/2016	11:23 AM	55	4/9/2016	11:57 AM	60
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4/9/2016	9:52 AM	36	4/9/2016	10:28 AM	39	4/9/2016	11:25 AM	55	4/9/2016	11:58 AM	61
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4/9/2016	9:53 AM	37	4/9/2016	10:30 AM	41	4/9/2016	11:27 AM	56	4/9/2016	11:59 AM	60
4/9/2016	9:53 AM	37	4/9/2016	10:31 AM	45	4/9/2016	11:28 AM	57	4/9/2016	12:00 PM	61
4/9/2016	9:54 AM	37	4/9/2016	10:32 AM	45	4/9/2016	11:29 AM	58	4/9/2016	12:00 PM	61
4/9/2016	9:54 AM	37	4/9/2016	10:33 AM	46	4/9/2016	11:30 AM	56	4/9/2016	12:01 PM	62
4/9/2016	9:55 AM	37	4/9/2016	10:34 AM	44	4/9/2016	11:31 AM	55	4/9/2016	12:01 PM	62
4/9/2016	9:55 AM	37	4/9/2016	10:35 AM	45	4/9/2016	11:32 AM	56	4/9/2016	12:02 PM	63
4/9/2016	9:56 AM	36	4/9/2016	10:36 AM	43	4/9/2016	11:33 AM	54	4/9/2016	12:02 PM	63
4/9/2016	9:56 AM	36	4/9/2016	10:37 AM	42	4/9/2016	11:34 AM	55	4/9/2016	12:03 PM	60
4/9/2016	9:57 AM	35	4/9/2016	10:38 AM	44	4/9/2016	11:35 AM	57	4/9/2016	12:03 PM	60
4/9/2016	9:57 AM	35	4/9/2016	10:39 AM	45	4/9/2016	11:35 AM	57	4/9/2016	12:04 PM	59
4/9/2016	9:58 AM	35	4/9/2016	10:40 AM	45	4/9/2016	11:36 AM	58	4/9/2016	12:04 PM	59
4/9/2016	9:58 AM	35	4/9/2016	10:41 AM	46	4/9/2016	11:36 AM	58	4/9/2016	12:05 PM	60
4/9/2016	9:59 AM	34	4/9/2016	10:42 AM	46	4/9/2016	11:37 AM	60	4/9/2016	12:05 PM	60
4/9/2016	9:59 AM	34	4/9/2016	10:43 AM	45	4/9/2016	11:37 AM	60	4/9/2016	12:06 PM	58
4/9/2016	10:00 AM	35	4/9/2016	10:44 AM	44	4/9/2016	11:38 AM	60	4/9/2016	12:06 PM	58
4/9/2016	10:00 AM	35	4/9/2016	10:45 AM	42	4/9/2016	11:38 AM	60	4/9/2016	12:07 PM	57
4/9/2016	10:01 AM	34	4/9/2016	10:46 AM	43	4/9/2016	11:39 AM	60	4/9/2016	12:07 PM	57
4/9/2016	10:01 AM	34	4/9/2016	10:47 AM	47	4/9/2016	11:39 AM	60	4/9/2016	12:08 PM	57
4/9/2016	10:02 AM	33	4/9/2016	10:48 AM	46	4/9/2016	11:40 AM	61	4/9/2016	12:08 PM	57
4/9/2016	10:02 AM	33	4/9/2016	10:49 AM	47	4/9/2016	11:40 AM	61	4/9/2016	12:09 PM	58
4/9/2016	10:03 AM	35	4/9/2016	10:50 AM	45	4/9/2016	11:41 AM	59	4/9/2016	12:09 PM	58
4/9/2016	10:03 AM	35	4/9/2016	10:51 AM	43	4/9/2016	11:41 AM	59	4/9/2016	12:10 PM	60
4/9/2016	10:04 AM	34	4/9/2016	10:52 AM	48	4/9/2016	11:42 AM	58	4/9/2016	12:10 PM	60
4/9/2016	10:04 AM	34	4/9/2016	10:53 AM	49	4/9/2016	11:42 AM	58	4/9/2016	12:11 PM	60
4/9/2016	10:05 AM	35	4/9/2016	10:54 AM	47	4/9/2016	11:43 AM	60	4/9/2016	12:11 PM	60
4/9/2016	10:05 AM	35	4/9/2016	10:55 AM	47	4/9/2016	11:43 AM	60	4/9/2016	12:12 PM	62
4/9/2016	10:06 AM	37	4/9/2016	10:56 AM	47	4/9/2016	11:44 AM	55	4/9/2016	12:12 PM	62
4/9/2016	10:06 AM	37	4/9/2016	10:57 AM	45	4/9/2016	11:44 AM	55	4/9/2016	12:13 PM	63
4/9/2016	10:07 AM	36	4/9/2016	10:58 AM	47	4/9/2016	11:45 AM	57	4/9/2016	12:13 PM	63
4/9/2016	10:07 AM	36	4/9/2016	10:59 AM	48	4/9/2016	11:45 AM	57	4/9/2016	12:14 PM	62
4/9/2016	10:08 AM	38	4/9/2016	11:00 AM	50	4/9/2016	11:46 AM	53	4/9/2016	12:14 PM	62
4/9/2016	10:08 AM	38	4/9/2016	11:01 AM	51	4/9/2016	11:46 AM	53	4/9/2016	12:15 PM	65
4/9/2016	10:09 AM	37	4/9/2016	11:02 AM	49	4/9/2016	11:47 AM	57	4/9/2016	12:15 PM	65

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
4/9/2016	12:16 PM	64	4/9/2016	1:13 PM	66	4/9/2016	1:55 PM	65	4/9/2016	2:25 PM	74
4/9/2016	12:17 PM	63	4/9/2016	1:14 PM	66	4/9/2016	1:55 PM	65	4/9/2016	2:26 PM	74
4/9/2016	12:18 PM	62	4/9/2016	1:15 PM	65	4/9/2016	1:56 PM	63	4/9/2016	2:27 PM	75
4/9/2016	12:19 PM	61	4/9/2016	1:16 PM	67	4/9/2016	1:56 PM	63	4/9/2016	2:28 PM	75
4/9/2016	12:20 PM	62	4/9/2016	1:17 PM	65	4/9/2016	1:57 PM	64	4/9/2016	2:29 PM	76
4/9/2016	12:21 PM	63	4/9/2016	1:18 PM	65	4/9/2016	1:57 PM	64	4/9/2016	2:30 PM	75
4/9/2016	12:22 PM	62	4/9/2016	1:19 PM	65	4/9/2016	1:58 PM	67	4/9/2016	2:31 PM	77
4/9/2016	12:23 PM	61	4/9/2016	1:20 PM	65	4/9/2016	1:58 PM	67	4/9/2016	2:32 PM	75
4/9/2016	12:24 PM	62	4/9/2016	1:21 PM	65	4/9/2016	1:59 PM	67	4/9/2016	2:33 PM	75
4/9/2016	12:25 PM	63	4/9/2016	1:22 PM	67	4/9/2016	1:59 PM	67	4/9/2016	2:34 PM	74
4/9/2016	12:26 PM	62	4/9/2016	1:23 PM	67	4/9/2016	2:00 PM	67	4/9/2016	2:35 PM	74
4/9/2016	12:27 PM	65	4/9/2016	1:24 PM	67	4/9/2016	2:00 PM	67	4/9/2016	2:36 PM	74
4/9/2016	12:28 PM	61	4/9/2016	1:25 PM	68	4/9/2016	2:01 PM	67	4/9/2016	2:37 PM	74
4/9/2016	12:29 PM	63	4/9/2016	1:26 PM	67	4/9/2016	2:01 PM	67	4/9/2016	2:38 PM	73
4/9/2016	12:30 PM	64	4/9/2016	1:27 PM	67	4/9/2016	2:02 PM	68	4/9/2016	2:39 PM	73
4/9/2016	12:31 PM	65	4/9/2016	1:28 PM	67	4/9/2016	2:02 PM	68	4/9/2016	2:40 PM	73
4/9/2016	12:32 PM	65	4/9/2016	1:29 PM	67	4/9/2016	2:03 PM	68	4/9/2016	2:41 PM	72
4/9/2016	12:33 PM	64	4/9/2016	1:30 PM	67	4/9/2016	2:03 PM	68	4/9/2016	2:42 PM	72
4/9/2016	12:34 PM	66	4/9/2016	1:31 PM	67	4/9/2016	2:04 PM	69	4/9/2016	2:43 PM	72
4/9/2016	12:35 PM	64	4/9/2016	1:32 PM	68	4/9/2016	2:04 PM	69	4/9/2016	2:44 PM	74
4/9/2016	12:36 PM	63	4/9/2016	1:33 PM	68	4/9/2016	2:05 PM	70	4/9/2016	2:45 PM	74
4/9/2016	12:37 PM	65	4/9/2016	1:34 PM	68	4/9/2016	2:05 PM	70	4/9/2016	2:46 PM	73
4/9/2016	12:38 PM	66	4/9/2016	1:35 PM	67	4/9/2016	2:06 PM	72	4/9/2016	2:47 PM	73
4/9/2016	12:39 PM	67	4/9/2016	1:36 PM	67	4/9/2016	2:06 PM	72	4/9/2016	2:48 PM	70
4/9/2016	12:40 PM	65	4/9/2016	1:37 PM	68	4/9/2016	2:07 PM	76	4/9/2016	2:49 PM	71
4/9/2016	12:41 PM	67	4/9/2016	1:38 PM	68	4/9/2016	2:07 PM	76	4/9/2016	2:50 PM	72
4/9/2016	12:42 PM	64	4/9/2016	1:39 PM	68	4/9/2016	2:08 PM	77	4/9/2016	2:51 PM	72
4/9/2016	12:43 PM	65	4/9/2016	1:40 PM	67	4/9/2016	2:08 PM	77	4/9/2016	2:52 PM	70
4/9/2016	12:44 PM	65	4/9/2016	1:40 PM	67	4/9/2016	2:09 PM	77	4/9/2016	2:53 PM	70
4/9/2016	12:45 PM	65	4/9/2016	1:41 PM	67	4/9/2016	2:09 PM	77	4/9/2016	2:54 PM	72
4/9/2016	12:46 PM	65	4/9/2016	1:41 PM	67	4/9/2016	2:10 PM	78	4/9/2016	2:55 PM	72
4/9/2016	12:47 PM	64	4/9/2016	1:42 PM	67	4/9/2016	2:10 PM	78	4/9/2016	2:56 PM	73
4/9/2016	12:48 PM	65	4/9/2016	1:42 PM	67	4/9/2016	2:11 PM	77	4/9/2016	2:57 PM	73
4/9/2016	12:49 PM	65	4/9/2016	1:43 PM	66	4/9/2016	2:11 PM	77	4/9/2016	2:58 PM	73
4/9/2016	12:50 PM	68	4/9/2016	1:43 PM	66	4/9/2016	2:12 PM	76	4/9/2016	2:59 PM	74
4/9/2016	12:51 PM	68	4/9/2016	1:44 PM	66	4/9/2016	2:12 PM	76	4/9/2016	3:00 PM	74
4/9/2016	12:52 PM	67	4/9/2016	1:44 PM	66	4/9/2016	2:13 PM	74	4/9/2016	3:01 PM	73
4/9/2016	12:53 PM	68	4/9/2016	1:45 PM	66	4/9/2016	2:13 PM	74	4/9/2016	3:02 PM	72
4/9/2016	12:54 PM	67	4/9/2016	1:45 PM	66	4/9/2016	2:14 PM	73	4/9/2016	3:03 PM	72
4/9/2016	12:55 PM	66	4/9/2016	1:46 PM	67	4/9/2016	2:14 PM	73	4/9/2016	3:04 PM	72
4/9/2016	12:56 PM	66	4/9/2016	1:46 PM	67	4/9/2016	2:15 PM	74	4/9/2016	3:05 PM	73
4/9/2016	12:57 PM	64	4/9/2016	1:47 PM	66	4/9/2016	2:15 PM	74	4/9/2016	3:06 PM	74
4/9/2016	12:58 PM	65	4/9/2016	1:47 PM	66	4/9/2016	2:16 PM	74	4/9/2016	3:07 PM	72
4/9/2016	12:59 PM	64	4/9/2016	1:48 PM	66	4/9/2016	2:16 PM	74	4/9/2016	3:08 PM	75
4/9/2016	1:00 PM	67	4/9/2016	1:48 PM	66	4/9/2016	2:17 PM	74	4/9/2016	3:09 PM	75
4/9/2016	1:01 PM	65	4/9/2016	1:49 PM	66	4/9/2016	2:17 PM	74	4/9/2016	3:10 PM	76
4/9/2016	1:02 PM	65	4/9/2016	1:49 PM	66	4/9/2016	2:18 PM	76	4/9/2016	3:11 PM	77
4/9/2016	1:03 PM	65	4/9/2016	1:50 PM	65	4/9/2016	2:18 PM	76	4/9/2016	3:12 PM	76
4/9/2016	1:04 PM	65	4/9/2016	1:50 PM	65	4/9/2016	2:19 PM	76	4/9/2016	3:13 PM	77
4/9/2016	1:05 PM	66	4/9/2016	1:51 PM	65	4/9/2016	2:19 PM	76	4/9/2016	3:14 PM	75
4/9/2016	1:06 PM	66	4/9/2016	1:51 PM	65	4/9/2016	2:20 PM	75	4/9/2016	3:15 PM	74
4/9/2016	1:07 PM	66	4/9/2016	1:52 PM	65	4/9/2016	2:20 PM	75	4/9/2016	3:16 PM	74
4/9/2016	1:08 PM	65	4/9/2016	1:52 PM	65	4/9/2016	2:21 PM	76	4/9/2016	3:17 PM	74
4/9/2016	1:09 PM	64	4/9/2016	1:53 PM	65	4/9/2016	2:21 PM	76	4/9/2016	3:18 PM	73
4/9/2016	1:10 PM	65	4/9/2016	1:53 PM	65	4/9/2016	2:22 PM	77	4/9/2016	3:19 PM	72
4/9/2016	1:11 PM	66	4/9/2016	1:54 PM	65	4/9/2016	2:23 PM	75	4/9/2016	3:20 PM	74
4/9/2016	1:12 PM	67	4/9/2016	1:54 PM	65	4/9/2016	2:24 PM	74	4/9/2016	3:21 PM	78

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
4/9/2016	3:22 PM	78	4/9/2016	4:02 PM	78	4/9/2016	4:34 PM	70	4/9/2016	5:31 PM	25
4/9/2016	3:23 PM	80	4/9/2016	4:03 PM	78	4/9/2016	4:35 PM	70	4/9/2016	5:32 PM	23
4/9/2016	3:24 PM	82	4/9/2016	4:03 PM	78	4/9/2016	4:36 PM	69	4/9/2016	5:33 PM	24
4/9/2016	3:25 PM	87	4/9/2016	4:04 PM	78	4/9/2016	4:37 PM	69	4/9/2016	5:34 PM	22
4/9/2016	3:26 PM	88	4/9/2016	4:04 PM	78	4/9/2016	4:38 PM	68	4/9/2016	5:35 PM	23
4/9/2016	3:27 PM	87	4/9/2016	4:05 PM	76	4/9/2016	4:39 PM	67	4/9/2016	5:36 PM	22
4/9/2016	3:28 PM	83	4/9/2016	4:05 PM	76	4/9/2016	4:40 PM	68	4/9/2016	5:37 PM	21
4/9/2016	3:29 PM	81	4/9/2016	4:06 PM	76	4/9/2016	4:41 PM	67	4/9/2016	5:38 PM	21
4/9/2016	3:30 PM	82	4/9/2016	4:06 PM	76	4/9/2016	4:42 PM	68	4/9/2016	5:39 PM	20
4/9/2016	3:31 PM	81	4/9/2016	4:07 PM	76	4/9/2016	4:43 PM	66	4/9/2016	5:40 PM	18
4/9/2016	3:32 PM	80	4/9/2016	4:07 PM	76	4/9/2016	4:44 PM	67	4/9/2016	5:41 PM	18
4/9/2016	3:33 PM	81	4/9/2016	4:08 PM	77	4/9/2016	4:45 PM	68	4/9/2016	5:42 PM	17
4/9/2016	3:34 PM	80	4/9/2016	4:08 PM	77	4/9/2016	4:46 PM	65	4/9/2016	5:43 PM	15
4/9/2016	3:35 PM	80	4/9/2016	4:09 PM	78	4/9/2016	4:47 PM	65	4/9/2016	5:44 PM	10
4/9/2016	3:36 PM	79	4/9/2016	4:09 PM	78	4/9/2016	4:48 PM	64	4/9/2016	5:45 PM	11
4/9/2016	3:37 PM	78	4/9/2016	4:10 PM	79	4/9/2016	4:49 PM	62	4/9/2016		
4/9/2016	3:38 PM	79	4/9/2016	4:10 PM	79	4/9/2016	4:50 PM	61	5/9/2016	8:51 AM	1
4/9/2016	3:39 PM	78	4/9/2016	4:11 PM	78	4/9/2016	4:51 PM	60	5/9/2016	8:52 AM	3
4/9/2016	3:40 PM	76	4/9/2016	4:11 PM	78	4/9/2016	4:52 PM	58	5/9/2016	8:53 AM	2
4/9/2016	3:41 PM	79	4/9/2016	4:12 PM	77	4/9/2016	4:53 PM	57	5/9/2016	8:54 AM	5
4/9/2016	3:42 PM	78	4/9/2016	4:12 PM	77	4/9/2016	4:54 PM	56	5/9/2016	8:55 AM	8
4/9/2016	3:43 PM	78	4/9/2016	4:13 PM	78	4/9/2016	4:55 PM	56	5/9/2016	8:55 AM	8
4/9/2016	3:44 PM	77	4/9/2016	4:13 PM	78	4/9/2016	4:56 PM	55	5/9/2016	8:56 AM	11
4/9/2016	3:45 PM	78	4/9/2016	4:14 PM	79	4/9/2016	4:57 PM	56	5/9/2016	8:56 AM	11
4/9/2016	3:46 PM	77	4/9/2016	4:14 PM	79	4/9/2016	4:58 PM	53	5/9/2016	8:57 AM	13
4/9/2016	3:46 PM	77	4/9/2016	4:15 PM	77	4/9/2016	4:59 PM	52	5/9/2016	8:57 AM	13
4/9/2016	3:47 PM	76	4/9/2016	4:15 PM	77	4/9/2016	5:00 PM	53	5/9/2016	8:58 AM	12
4/9/2016	3:47 PM	76	4/9/2016	4:16 PM	76	4/9/2016	5:01 PM	50	5/9/2016	8:58 AM	12
4/9/2016	3:48 PM	76	4/9/2016	4:16 PM	76	4/9/2016	5:02 PM	48	5/9/2016	8:59 AM	14
4/9/2016	3:48 PM	76	4/9/2016	4:17 PM	76	4/9/2016	5:03 PM	47	5/9/2016	8:59 AM	14
4/9/2016	3:49 PM	76	4/9/2016	4:17 PM	76	4/9/2016	5:04 PM	46	5/9/2016	9:00 AM	15
4/9/2016	3:49 PM	76	4/9/2016	4:18 PM	75	4/9/2016	5:05 PM	45	5/9/2016	9:00 AM	15
4/9/2016	3:50 PM	77	4/9/2016	4:18 PM	75	4/9/2016	5:06 PM	45	5/9/2016	9:01 AM	15
4/9/2016	3:50 PM	77	4/9/2016	4:19 PM	74	4/9/2016	5:07 PM	45	5/9/2016	9:01 AM	15
4/9/2016	3:51 PM	78	4/9/2016	4:19 PM	74	4/9/2016	5:08 PM	45	5/9/2016	9:02 AM	15
4/9/2016	3:51 PM	78	4/9/2016	4:20 PM	73	4/9/2016	5:09 PM	44	5/9/2016	9:02 AM	15
4/9/2016	3:52 PM	78	4/9/2016	4:20 PM	73	4/9/2016	5:10 PM	45	5/9/2016	9:03 AM	18
4/9/2016	3:52 PM	78	4/9/2016	4:21 PM	76	4/9/2016	5:11 PM	42	5/9/2016	9:03 AM	18
4/9/2016	3:53 PM	78	4/9/2016	4:21 PM	76	4/9/2016	5:12 PM	42	5/9/2016	9:04 AM	20
4/9/2016	3:53 PM	78	4/9/2016	4:22 PM	75	4/9/2016	5:13 PM	43	5/9/2016	9:04 AM	20
4/9/2016	3:54 PM	78	4/9/2016	4:22 PM	75	4/9/2016	5:14 PM	41	5/9/2016	9:05 AM	18
4/9/2016	3:54 PM	78	4/9/2016	4:23 PM	75	4/9/2016	5:15 PM	40	5/9/2016	9:05 AM	18
4/9/2016	3:55 PM	78	4/9/2016	4:23 PM	75	4/9/2016	5:16 PM	39	5/9/2016	9:06 AM	22
4/9/2016	3:55 PM	78	4/9/2016	4:24 PM	75	4/9/2016	5:17 PM	39	5/9/2016	9:06 AM	22
4/9/2016	3:56 PM	80	4/9/2016	4:24 PM	75	4/9/2016	5:18 PM	39	5/9/2016	9:07 AM	25
4/9/2016	3:56 PM	80	4/9/2016	4:25 PM	75	4/9/2016	5:19 PM	38	5/9/2016	9:07 AM	25
4/9/2016	3:57 PM	80	4/9/2016	4:25 PM	75	4/9/2016	5:20 PM	35	5/9/2016	9:08 AM	28
4/9/2016	3:57 PM	80	4/9/2016	4:26 PM	74	4/9/2016	5:21 PM	35	5/9/2016	9:08 AM	28
4/9/2016	3:58 PM	81	4/9/2016	4:26 PM	74	4/9/2016	5:22 PM	35	5/9/2016	9:09 AM	26
4/9/2016	3:58 PM	81	4/9/2016	4:27 PM	74	4/9/2016	5:23 PM	34	5/9/2016	9:09 AM	26
4/9/2016	3:59 PM	81	4/9/2016	4:27 PM	74	4/9/2016	5:24 PM	34	5/9/2016	9:10 AM	24
4/9/2016	3:59 PM	81	4/9/2016	4:28 PM	74	4/9/2016	5:25 PM	34	5/9/2016	9:10 AM	24
4/9/2016	4:00 PM	81	4/9/2016	4:29 PM	75	4/9/2016	5:26 PM	30	5/9/2016	9:11 AM	26
4/9/2016	4:00 PM	81	4/9/2016	4:30 PM	73	4/9/2016	5:27 PM	29	5/9/2016	9:11 AM	26
4/9/2016	4:01 PM	80	4/9/2016	4:31 PM	72	4/9/2016	5:28 PM	26	5/9/2016	9:12 AM	25
4/9/2016	4:01 PM	80	4/9/2016	4:32 PM	73	4/9/2016	5:29 PM	26	5/9/2016	9:12 AM	25
4/9/2016	4:02 PM	78	4/9/2016	4:33 PM	74	4/9/2016	5:30 PM	26	5/9/2016	9:13 AM	30

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
5/9/2016	9:13 AM	30	5/9/2016	9:47 AM	35	5/9/2016	10:44 AM	44	5/9/2016	11:21 AM	48
5/9/2016	9:14 AM	29	5/9/2016	9:48 AM	35	5/9/2016	10:45 AM	45	5/9/2016	11:21 AM	48
5/9/2016	9:14 AM	29	5/9/2016	9:49 AM	35	5/9/2016	10:46 AM	45	5/9/2016	11:22 AM	50
5/9/2016	9:15 AM	28	5/9/2016	9:50 AM	34	5/9/2016	10:47 AM	46	5/9/2016	11:22 AM	50
5/9/2016	9:15 AM	28	5/9/2016	9:51 AM	34	5/9/2016	10:48 AM	46	5/9/2016	11:23 AM	51
5/9/2016	9:16 AM	26	5/9/2016	9:52 AM	35	5/9/2016	10:49 AM	45	5/9/2016	11:23 AM	51
5/9/2016	9:16 AM	26	5/9/2016	9:53 AM	35	5/9/2016	10:50 AM	44	5/9/2016	11:24 AM	53
5/9/2016	9:17 AM	27	5/9/2016	9:54 AM	36	5/9/2016	10:51 AM	42	5/9/2016	11:24 AM	53
5/9/2016	9:17 AM	27	5/9/2016	9:55 AM	35	5/9/2016	10:52 AM	43	5/9/2016	11:25 AM	54
5/9/2016	9:18 AM	25	5/9/2016	9:56 AM	34	5/9/2016	10:53 AM	47	5/9/2016	11:25 AM	54
5/9/2016	9:18 AM	25	5/9/2016	9:57 AM	35	5/9/2016	10:54 AM	46	5/9/2016	11:26 AM	53
5/9/2016	9:19 AM	27	5/9/2016	9:58 AM	36	5/9/2016	10:55 AM	47	5/9/2016	11:26 AM	53
5/9/2016	9:19 AM	27	5/9/2016	9:59 AM	37	5/9/2016	10:56 AM	45	5/9/2016	11:27 AM	55
5/9/2016	9:20 AM	25	5/9/2016	10:00 AM	37	5/9/2016	10:57 AM	43	5/9/2016	11:27 AM	55
5/9/2016	9:20 AM	25	5/9/2016	10:01 AM	37	5/9/2016	10:58 AM	48	5/9/2016	11:28 AM	53
5/9/2016	9:21 AM	24	5/9/2016	10:02 AM	36	5/9/2016	10:59 AM	49	5/9/2016	11:28 AM	53
5/9/2016	9:21 AM	24	5/9/2016	10:03 AM	36	5/9/2016	11:00 AM	47	5/9/2016	11:29 AM	55
5/9/2016	9:22 AM	25	5/9/2016	10:04 AM	36	5/9/2016	11:01 AM	47	5/9/2016	11:29 AM	55
5/9/2016	9:22 AM	25	5/9/2016	10:05 AM	35	5/9/2016	11:01 AM	47	5/9/2016	11:30 AM	55
5/9/2016	9:23 AM	23	5/9/2016	10:06 AM	35	5/9/2016	11:02 AM	47	5/9/2016	11:30 AM	55
5/9/2016	9:23 AM	23	5/9/2016	10:07 AM	34	5/9/2016	11:02 AM	47	5/9/2016	11:31 AM	55
5/9/2016	9:24 AM	24	5/9/2016	10:08 AM	33	5/9/2016	11:03 AM	45	5/9/2016	11:31 AM	55
5/9/2016	9:24 AM	24	5/9/2016	10:09 AM	35	5/9/2016	11:03 AM	45	5/9/2016	11:32 AM	55
5/9/2016	9:25 AM	20	5/9/2016	10:10 AM	34	5/9/2016	11:04 AM	47	5/9/2016	11:32 AM	55
5/9/2016	9:25 AM	20	5/9/2016	10:11 AM	35	5/9/2016	11:04 AM	47	5/9/2016	11:33 AM	56
5/9/2016	9:26 AM	20	5/9/2016	10:12 AM	37	5/9/2016	11:05 AM	48	5/9/2016	11:33 AM	56
5/9/2016	9:26 AM	20	5/9/2016	10:13 AM	36	5/9/2016	11:05 AM	48	5/9/2016	11:34 AM	57
5/9/2016	9:27 AM	20	5/9/2016	10:14 AM	38	5/9/2016	11:06 AM	50	5/9/2016	11:34 AM	57
5/9/2016	9:27 AM	20	5/9/2016	10:15 AM	39	5/9/2016	11:06 AM	50	5/9/2016	11:35 AM	58
5/9/2016	9:28 AM	20	5/9/2016	10:16 AM	38	5/9/2016	11:07 AM	51	5/9/2016	11:35 AM	58
5/9/2016	9:28 AM	20	5/9/2016	10:17 AM	36	5/9/2016	11:07 AM	51	5/9/2016	11:36 AM	56
5/9/2016	9:29 AM	21	5/9/2016	10:18 AM	38	5/9/2016	11:08 AM	49	5/9/2016	11:36 AM	56
5/9/2016	9:29 AM	21	5/9/2016	10:19 AM	38	5/9/2016	11:08 AM	49	5/9/2016	11:37 AM	55
5/9/2016	9:30 AM	23	5/9/2016	10:20 AM	38	5/9/2016	11:09 AM	47	5/9/2016	11:37 AM	55
5/9/2016	9:30 AM	23	5/9/2016	10:21 AM	39	5/9/2016	11:09 AM	47	5/9/2016	11:38 AM	56
5/9/2016	9:31 AM	25	5/9/2016	10:22 AM	39	5/9/2016	11:10 AM	50	5/9/2016	11:38 AM	56
5/9/2016	9:31 AM	25	5/9/2016	10:23 AM	40	5/9/2016	11:10 AM	50	5/9/2016	11:39 AM	54
5/9/2016	9:32 AM	27	5/9/2016	10:24 AM	40	5/9/2016	11:11 AM	49	5/9/2016	11:39 AM	54
5/9/2016	9:32 AM	27	5/9/2016	10:25 AM	40	5/9/2016	11:11 AM	49	5/9/2016	11:40 AM	55
5/9/2016	9:33 AM	30	5/9/2016	10:26 AM	39	5/9/2016	11:12 AM	47	5/9/2016	11:40 AM	55
5/9/2016	9:33 AM	30	5/9/2016	10:27 AM	39	5/9/2016	11:12 AM	47	5/9/2016	11:41 AM	57
5/9/2016	9:34 AM	29	5/9/2016	10:28 AM	38	5/9/2016	11:13 AM	49	5/9/2016	11:41 AM	57
5/9/2016	9:34 AM	29	5/9/2016	10:29 AM	37	5/9/2016	11:13 AM	49	5/9/2016	11:42 AM	58
5/9/2016	9:35 AM	31	5/9/2016	10:30 AM	40	5/9/2016	11:14 AM	48	5/9/2016	11:42 AM	58
5/9/2016	9:35 AM	31	5/9/2016	10:31 AM	40	5/9/2016	11:14 AM	48	5/9/2016	11:43 AM	60
5/9/2016	9:36 AM	32	5/9/2016	10:32 AM	39	5/9/2016	11:15 AM	50	5/9/2016	11:44 AM	60
5/9/2016	9:36 AM	32	5/9/2016	10:33 AM	38	5/9/2016	11:15 AM	50	5/9/2016	11:45 AM	60
5/9/2016	9:37 AM	33	5/9/2016	10:34 AM	39	5/9/2016	11:16 AM	50	5/9/2016	11:46 AM	61
5/9/2016	9:38 AM	32	5/9/2016	10:35 AM	40	5/9/2016	11:16 AM	50	5/9/2016	11:47 AM	59
5/9/2016	9:39 AM	34	5/9/2016	10:36 AM	41	5/9/2016	11:17 AM	49	5/9/2016	11:48 AM	58
5/9/2016	9:40 AM	32	5/9/2016	10:37 AM	45	5/9/2016	11:17 AM	49	5/9/2016	11:49 AM	60
5/9/2016	9:41 AM	35	5/9/2016	10:38 AM	45	5/9/2016	11:18 AM	48	5/9/2016	11:50 AM	55
5/9/2016	9:42 AM	37	5/9/2016	10:39 AM	46	5/9/2016	11:18 AM	48	5/9/2016	11:51 AM	57
5/9/2016	9:43 AM	35	5/9/2016	10:40 AM	44	5/9/2016	11:19 AM	47	5/9/2016	11:52 AM	53
5/9/2016	9:44 AM	34	5/9/2016	10:41 AM	45	5/9/2016	11:19 AM	47	5/9/2016	11:53 AM	57
5/9/2016	9:45 AM	36	5/9/2016	10:42 AM	43	5/9/2016	11:20 AM	47	5/9/2016	11:54 AM	55
5/9/2016	9:46 AM	35	5/9/2016	10:43 AM	42	5/9/2016	11:20 AM	47	5/9/2016	11:55 AM	56

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
5/9/2016	11:56 AM	52	5/9/2016	12:53 PM	64	5/9/2016	1:28 PM	67	5/9/2016	2:05 PM	67
5/9/2016	11:57 AM	55	5/9/2016	12:54 PM	65	5/9/2016	1:29 PM	67	5/9/2016	2:06 PM	67
5/9/2016	11:58 AM	57	5/9/2016	12:55 PM	65	5/9/2016	1:29 PM	67	5/9/2016	2:07 PM	67
5/9/2016	11:59 AM	56	5/9/2016	12:56 PM	66	5/9/2016	1:30 PM	67	5/9/2016	2:08 PM	68
5/9/2016	12:00 PM	58	5/9/2016	12:57 PM	66	5/9/2016	1:30 PM	67	5/9/2016	2:09 PM	68
5/9/2016	12:01 PM	60	5/9/2016	12:58 PM	66	5/9/2016	1:31 PM	68	5/9/2016	2:10 PM	69
5/9/2016	12:02 PM	60	5/9/2016	12:59 PM	66	5/9/2016	1:31 PM	68	5/9/2016	2:11 PM	70
5/9/2016	12:03 PM	60	5/9/2016	1:00 PM	66	5/9/2016	1:32 PM	67	5/9/2016	2:12 PM	72
5/9/2016	12:04 PM	61	5/9/2016	1:01 PM	66	5/9/2016	1:32 PM	67	5/9/2016	2:13 PM	76
5/9/2016	12:05 PM	60	5/9/2016	1:02 PM	66	5/9/2016	1:33 PM	67	5/9/2016	2:14 PM	75
5/9/2016	12:06 PM	61	5/9/2016	1:03 PM	64	5/9/2016	1:33 PM	67	5/9/2016	2:15 PM	75
5/9/2016	12:07 PM	62	5/9/2016	1:04 PM	65	5/9/2016	1:34 PM	67	5/9/2016	2:16 PM	75
5/9/2016	12:08 PM	63	5/9/2016	1:05 PM	64	5/9/2016	1:34 PM	67	5/9/2016	2:17 PM	75
5/9/2016	12:09 PM	60	5/9/2016	1:06 PM	67	5/9/2016	1:35 PM	67	5/9/2016	2:18 PM	75
5/9/2016	12:10 PM	59	5/9/2016	1:07 PM	65	5/9/2016	1:35 PM	67	5/9/2016	2:19 PM	73
5/9/2016	12:11 PM	60	5/9/2016	1:07 PM	65	5/9/2016	1:36 PM	67	5/9/2016	2:20 PM	73
5/9/2016	12:12 PM	58	5/9/2016	1:08 PM	66	5/9/2016	1:36 PM	67	5/9/2016	2:21 PM	74
5/9/2016	12:13 PM	57	5/9/2016	1:08 PM	66	5/9/2016	1:37 PM	67	5/9/2016	2:22 PM	74
5/9/2016	12:14 PM	57	5/9/2016	1:09 PM	66	5/9/2016	1:37 PM	67	5/9/2016	2:23 PM	74
5/9/2016	12:15 PM	58	5/9/2016	1:09 PM	66	5/9/2016	1:38 PM	68	5/9/2016	2:24 PM	76
5/9/2016	12:16 PM	60	5/9/2016	1:10 PM	66	5/9/2016	1:38 PM	68	5/9/2016	2:25 PM	76
5/9/2016	12:17 PM	60	5/9/2016	1:10 PM	66	5/9/2016	1:39 PM	68	5/9/2016	2:26 PM	75
5/9/2016	12:18 PM	62	5/9/2016	1:11 PM	66	5/9/2016	1:39 PM	68	5/9/2016	2:27 PM	76
5/9/2016	12:19 PM	63	5/9/2016	1:11 PM	66	5/9/2016	1:40 PM	68	5/9/2016	2:28 PM	77
5/9/2016	12:20 PM	62	5/9/2016	1:12 PM	66	5/9/2016	1:40 PM	68	5/9/2016	2:29 PM	75
5/9/2016	12:21 PM	65	5/9/2016	1:12 PM	66	5/9/2016	1:41 PM	67	5/9/2016	2:30 PM	74
5/9/2016	12:22 PM	64	5/9/2016	1:13 PM	66	5/9/2016	1:41 PM	67	5/9/2016	2:31 PM	74
5/9/2016	12:23 PM	63	5/9/2016	1:13 PM	66	5/9/2016	1:42 PM	67	5/9/2016	2:32 PM	74
5/9/2016	12:24 PM	62	5/9/2016	1:14 PM	65	5/9/2016	1:42 PM	67	5/9/2016	2:33 PM	75
5/9/2016	12:25 PM	61	5/9/2016	1:14 PM	65	5/9/2016	1:43 PM	66	5/9/2016	2:34 PM	75
5/9/2016	12:26 PM	62	5/9/2016	1:15 PM	64	5/9/2016	1:43 PM	66	5/9/2016	2:35 PM	76
5/9/2016	12:27 PM	63	5/9/2016	1:15 PM	64	5/9/2016	1:44 PM	66	5/9/2016	2:36 PM	75
5/9/2016	12:28 PM	62	5/9/2016	1:16 PM	65	5/9/2016	1:44 PM	66	5/9/2016	2:37 PM	77
5/9/2016	12:29 PM	61	5/9/2016	1:16 PM	65	5/9/2016	1:45 PM	66	5/9/2016	2:38 PM	75
5/9/2016	12:30 PM	62	5/9/2016	1:17 PM	66	5/9/2016	1:45 PM	66	5/9/2016	2:39 PM	75
5/9/2016	12:31 PM	63	5/9/2016	1:17 PM	66	5/9/2016	1:46 PM	66	5/9/2016	2:40 PM	74
5/9/2016	12:32 PM	62	5/9/2016	1:18 PM	67	5/9/2016	1:46 PM	66	5/9/2016	2:41 PM	74
5/9/2016	12:33 PM	65	5/9/2016	1:18 PM	67	5/9/2016	1:47 PM	66	5/9/2016	2:42 PM	74
5/9/2016	12:34 PM	61	5/9/2016	1:19 PM	66	5/9/2016	1:47 PM	66	5/9/2016	2:43 PM	74
5/9/2016	12:35 PM	63	5/9/2016	1:19 PM	66	5/9/2016	1:48 PM	66	5/9/2016	2:44 PM	73
5/9/2016	12:36 PM	64	5/9/2016	1:20 PM	66	5/9/2016	1:48 PM	66	5/9/2016	2:45 PM	73
5/9/2016	12:37 PM	65	5/9/2016	1:20 PM	66	5/9/2016	1:49 PM	66	5/9/2016	2:46 PM	73
5/9/2016	12:38 PM	65	5/9/2016	1:21 PM	65	5/9/2016	1:50 PM	66	5/9/2016	2:47 PM	72
5/9/2016	12:39 PM	64	5/9/2016	1:21 PM	65	5/9/2016	1:51 PM	66	5/9/2016	2:48 PM	72
5/9/2016	12:40 PM	66	5/9/2016	1:22 PM	67	5/9/2016	1:52 PM	67	5/9/2016	2:49 PM	72
5/9/2016	12:41 PM	64	5/9/2016	1:22 PM	67	5/9/2016	1:53 PM	65	5/9/2016	2:50 PM	74
5/9/2016	12:42 PM	63	5/9/2016	1:23 PM	65	5/9/2016	1:54 PM	65	5/9/2016	2:51 PM	74
5/9/2016	12:43 PM	65	5/9/2016	1:23 PM	65	5/9/2016	1:55 PM	65	5/9/2016	2:52 PM	73
5/9/2016	12:44 PM	66	5/9/2016	1:24 PM	65	5/9/2016	1:56 PM	65	5/9/2016	2:53 PM	73
5/9/2016	12:45 PM	67	5/9/2016	1:24 PM	65	5/9/2016	1:57 PM	65	5/9/2016	2:54 PM	70
5/9/2016	12:46 PM	65	5/9/2016	1:25 PM	65	5/9/2016	1:58 PM	65	5/9/2016	2:55 PM	71
5/9/2016	12:47 PM	67	5/9/2016	1:25 PM	65	5/9/2016	1:59 PM	65	5/9/2016	2:56 PM	72
5/9/2016	12:48 PM	64	5/9/2016	1:26 PM	65	5/9/2016	2:00 PM	65	5/9/2016	2:57 PM	72
5/9/2016	12:49 PM	65	5/9/2016	1:26 PM	65	5/9/2016	2:01 PM	65	5/9/2016	2:58 PM	70
5/9/2016	12:50 PM	65	5/9/2016	1:27 PM	65	5/9/2016	2:02 PM	63	5/9/2016	2:59 PM	70
5/9/2016	12:51 PM	65	5/9/2016	1:27 PM	65	5/9/2016	2:03 PM	64	5/9/2016	3:00 PM	72
5/9/2016	12:52 PM	65	5/9/2016	1:28 PM	67	5/9/2016	2:04 PM	67	5/9/2016	3:01 PM	72

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
5/9/2016	3:02 PM	73	5/9/2016	3:36 PM	82	5/9/2016	4:14 PM	77	5/9/2016	5:11 PM	45
5/9/2016	3:03 PM	73	5/9/2016	3:36 PM	82	5/9/2016	4:15 PM	78	5/9/2016	5:12 PM	45
5/9/2016	3:04 PM	73	5/9/2016	3:37 PM	81	5/9/2016	4:16 PM	79	5/9/2016	5:13 PM	45
5/9/2016	3:05 PM	74	5/9/2016	3:37 PM	81	5/9/2016	4:17 PM	78	5/9/2016	5:14 PM	45
5/9/2016	3:06 PM	74	5/9/2016	3:38 PM	81	5/9/2016	4:18 PM	77	5/9/2016	5:15 PM	44
5/9/2016	3:07 PM	73	5/9/2016	3:38 PM	81	5/9/2016	4:19 PM	78	5/9/2016	5:16 PM	45
5/9/2016	3:08 PM	72	5/9/2016	3:39 PM	81	5/9/2016	4:20 PM	79	5/9/2016	5:17 PM	42
5/9/2016	3:09 PM	72	5/9/2016	3:39 PM	81	5/9/2016	4:21 PM	77	5/9/2016	5:18 PM	42
5/9/2016	3:10 PM	72	5/9/2016	3:40 PM	82	5/9/2016	4:22 PM	76	5/9/2016	5:19 PM	43
5/9/2016	3:11 PM	73	5/9/2016	3:40 PM	82	5/9/2016	4:23 PM	76	5/9/2016	5:19 PM	43
5/9/2016	3:12 PM	74	5/9/2016	3:41 PM	82	5/9/2016	4:24 PM	75	5/9/2016	5:20 PM	41
5/9/2016	3:13 PM	72	5/9/2016	3:41 PM	82	5/9/2016	4:25 PM	74	5/9/2016	5:20 PM	41
5/9/2016	3:13 PM	72	5/9/2016	3:42 PM	80	5/9/2016	4:26 PM	73	5/9/2016	5:21 PM	40
5/9/2016	3:14 PM	75	5/9/2016	3:42 PM	80	5/9/2016	4:27 PM	76	5/9/2016	5:21 PM	40
5/9/2016	3:14 PM	75	5/9/2016	3:43 PM	79	5/9/2016	4:28 PM	75	5/9/2016	5:22 PM	39
5/9/2016	3:15 PM	75	5/9/2016	3:43 PM	79	5/9/2016	4:29 PM	75	5/9/2016	5:22 PM	39
5/9/2016	3:15 PM	75	5/9/2016	3:44 PM	79	5/9/2016	4:30 PM	75	5/9/2016	5:23 PM	39
5/9/2016	3:16 PM	76	5/9/2016	3:44 PM	79	5/9/2016	4:31 PM	75	5/9/2016	5:23 PM	39
5/9/2016	3:16 PM	76	5/9/2016	3:45 PM	78	5/9/2016	4:32 PM	74	5/9/2016	5:24 PM	39
5/9/2016	3:17 PM	77	5/9/2016	3:45 PM	78	5/9/2016	4:33 PM	74	5/9/2016	5:24 PM	39
5/9/2016	3:17 PM	77	5/9/2016	3:46 PM	76	5/9/2016	4:34 PM	74	5/9/2016	5:25 PM	38
5/9/2016	3:18 PM	76	5/9/2016	3:46 PM	76	5/9/2016	4:35 PM	75	5/9/2016	5:25 PM	38
5/9/2016	3:18 PM	76	5/9/2016	3:47 PM	79	5/9/2016	4:36 PM	73	5/9/2016	5:26 PM	35
5/9/2016	3:19 PM	77	5/9/2016	3:47 PM	79	5/9/2016	4:37 PM	72	5/9/2016	5:26 PM	35
5/9/2016	3:19 PM	77	5/9/2016	3:48 PM	78	5/9/2016	4:38 PM	73	5/9/2016	5:27 PM	35
5/9/2016	3:20 PM	78	5/9/2016	3:48 PM	78	5/9/2016	4:39 PM	74	5/9/2016	5:27 PM	35
5/9/2016	3:20 PM	78	5/9/2016	3:49 PM	78	5/9/2016	4:40 PM	70	5/9/2016	5:28 PM	35
5/9/2016	3:21 PM	80	5/9/2016	3:49 PM	78	5/9/2016	4:41 PM	70	5/9/2016	5:28 PM	35
5/9/2016	3:21 PM	80	5/9/2016	3:50 PM	77	5/9/2016	4:42 PM	69	5/9/2016	5:29 PM	34
5/9/2016	3:22 PM	80	5/9/2016	3:50 PM	77	5/9/2016	4:43 PM	69	5/9/2016	5:29 PM	34
5/9/2016	3:22 PM	80	5/9/2016	3:51 PM	78	5/9/2016	4:44 PM	68	5/9/2016	5:30 PM	34
5/9/2016	3:23 PM	81	5/9/2016	3:51 PM	78	5/9/2016	4:45 PM	67	5/9/2016	5:30 PM	34
5/9/2016	3:23 PM	81	5/9/2016	3:52 PM	76	5/9/2016	4:46 PM	68	5/9/2016	5:31 PM	34
5/9/2016	3:24 PM	78	5/9/2016	3:52 PM	76	5/9/2016	4:47 PM	67	5/9/2016	5:31 PM	34
5/9/2016	3:24 PM	78	5/9/2016	3:53 PM	76	5/9/2016	4:48 PM	68	5/9/2016	5:32 PM	30
5/9/2016	3:25 PM	77	5/9/2016	3:53 PM	76	5/9/2016	4:49 PM	66	5/9/2016	5:32 PM	30
5/9/2016	3:25 PM	77	5/9/2016	3:54 PM	76	5/9/2016	4:50 PM	67	5/9/2016	5:33 PM	29
5/9/2016	3:26 PM	76	5/9/2016	3:54 PM	76	5/9/2016	4:51 PM	68	5/9/2016	5:33 PM	29
5/9/2016	3:26 PM	76	5/9/2016	3:55 PM	76	5/9/2016	4:52 PM	65	5/9/2016	5:34 PM	26
5/9/2016	3:27 PM	78	5/9/2016	3:56 PM	77	5/9/2016	4:53 PM	65	5/9/2016	5:34 PM	26
5/9/2016	3:27 PM	78	5/9/2016	3:57 PM	78	5/9/2016	4:54 PM	64	5/9/2016	5:35 PM	26
5/9/2016	3:28 PM	78	5/9/2016	3:58 PM	78	5/9/2016	4:55 PM	62	5/9/2016	5:35 PM	26
5/9/2016	3:28 PM	78	5/9/2016	3:59 PM	78	5/9/2016	4:56 PM	61	5/9/2016	5:36 PM	26
5/9/2016	3:29 PM	80	5/9/2016	4:00 PM	78	5/9/2016	4:57 PM	60	5/9/2016	5:36 PM	26
5/9/2016	3:29 PM	80	5/9/2016	4:01 PM	78	5/9/2016	4:58 PM	58	5/9/2016	5:37 PM	25
5/9/2016	3:30 PM	82	5/9/2016	4:02 PM	80	5/9/2016	4:59 PM	57	5/9/2016	5:37 PM	25
5/9/2016	3:30 PM	82	5/9/2016	4:03 PM	80	5/9/2016	5:00 PM	56	5/9/2016	5:38 PM	23
5/9/2016	3:31 PM	82	5/9/2016	4:04 PM	81	5/9/2016	5:01 PM	56	5/9/2016	5:38 PM	23
5/9/2016	3:31 PM	82	5/9/2016	4:05 PM	81	5/9/2016	5:02 PM	55	5/9/2016	5:39 PM	24
5/9/2016	3:32 PM	82	5/9/2016	4:06 PM	81	5/9/2016	5:03 PM	56	5/9/2016	5:39 PM	24
5/9/2016	3:32 PM	82	5/9/2016	4:07 PM	80	5/9/2016	5:04 PM	53	5/9/2016	5:40 PM	22
5/9/2016	3:33 PM	81	5/9/2016	4:08 PM	78	5/9/2016	5:05 PM	52	5/9/2016	5:40 PM	22
5/9/2016	3:33 PM	81	5/9/2016	4:09 PM	78	5/9/2016	5:06 PM	53	5/9/2016	5:41 PM	23
5/9/2016	3:34 PM	82	5/9/2016	4:10 PM	78	5/9/2016	5:07 PM	50	5/9/2016	5:41 PM	23
5/9/2016	3:34 PM	82	5/9/2016	4:11 PM	76	5/9/2016	5:08 PM	48	5/9/2016	5:42 PM	22
5/9/2016	3:35 PM	81	5/9/2016	4:12 PM	76	5/9/2016	5:09 PM	47	5/9/2016	5:42 PM	22
5/9/2016	3:35 PM	81	5/9/2016	4:13 PM	76	5/9/2016	5:10 PM	46	5/9/2016	5:43 PM	21

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
5/9/2016	5:43 PM	21	6/9/2016	8:55 AM	16	6/9/2016	9:52 AM	35	6/9/2016	10:23 AM	38
5/9/2016	5:44 PM	21	6/9/2016	8:56 AM	15	6/9/2016	9:53 AM	36	6/9/2016	10:24 AM	37
5/9/2016	5:44 PM	21	6/9/2016	8:57 AM	17	6/9/2016	9:54 AM	37	6/9/2016	10:24 AM	37
5/9/2016	5:45 PM	20	6/9/2016	8:58 AM	19	6/9/2016	9:55 AM	37	6/9/2016	10:25 AM	40
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6/9/2016	8:54 AM	15	6/9/2016	9:51 AM	34	6/9/2016	10:23 AM	38	6/9/2016	11:03 AM	49

Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm	Tanggal	Pukul	rpm
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6/9/2016	11:07 AM	47	6/9/2016	12:04 PM	60	6/9/2016	12:32 PM	65	6/9/2016	1:16 PM	74
6/9/2016	11:08 AM	49	6/9/2016	12:04 PM	60	6/9/2016	12:33 PM	65	6/9/2016	1:17 PM	72
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6/9/2016	11:44 AM	60	6/9/2016	12:22 PM	63	6/9/2016	12:56 PM	66	6/9/2016	1:53 PM	65
6/9/2016	11:45 AM	55	6/9/2016	12:23 PM	62	6/9/2016	12:57 PM	66	6/9/2016	1:54 PM	65
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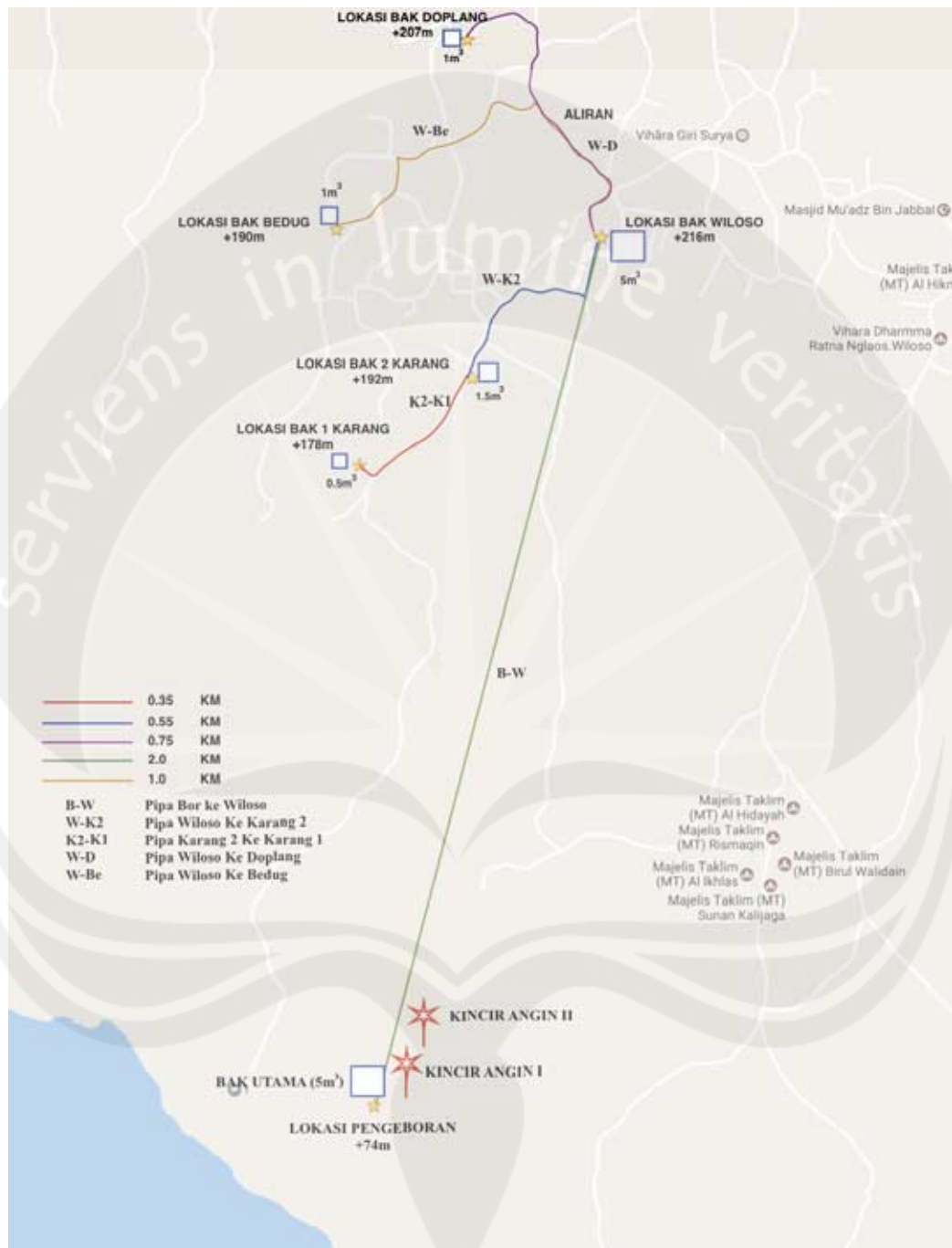




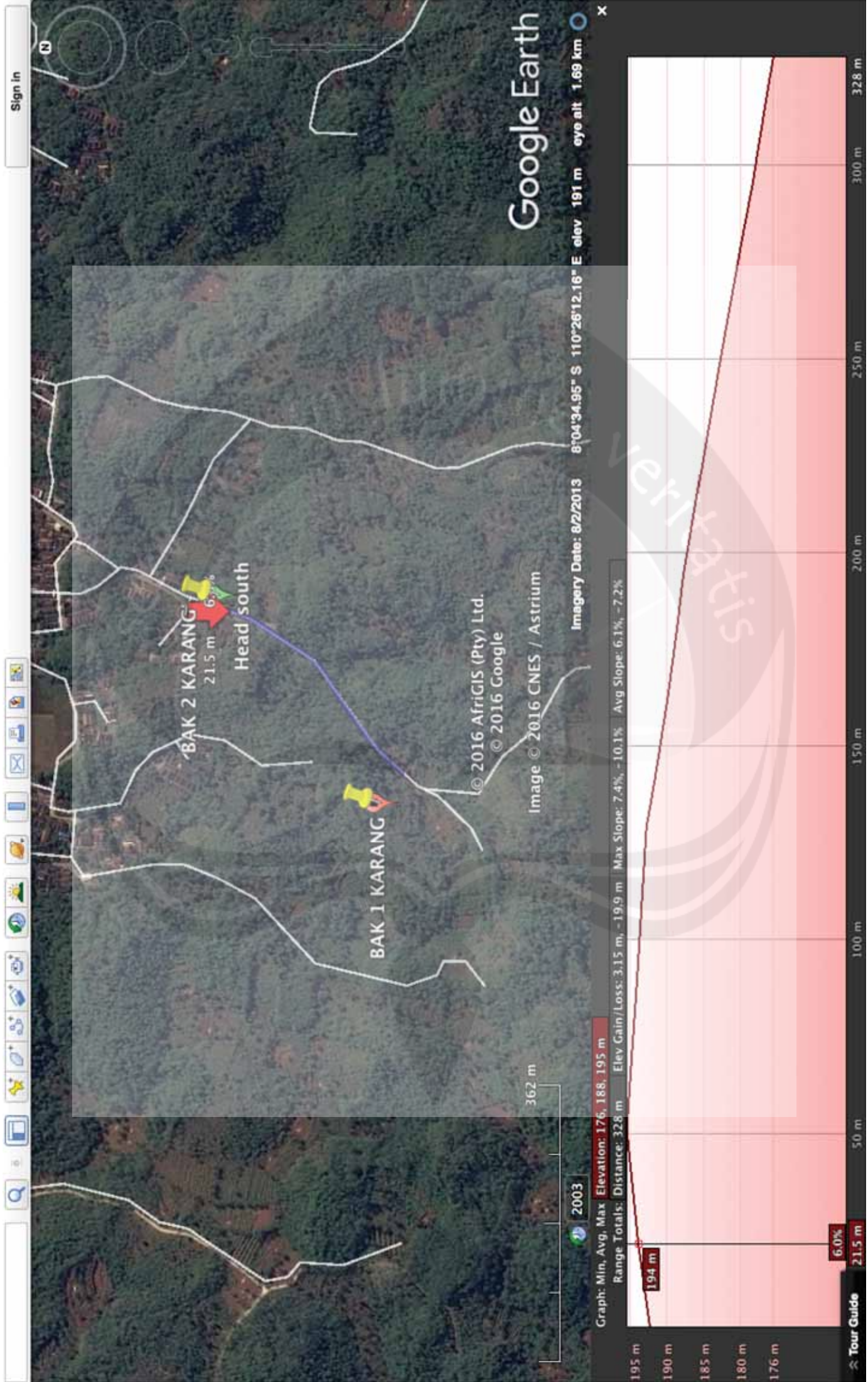
Kincir Angin yang digunakan untuk menghitung kecepatan angin.



PETA DISTRIBUSI

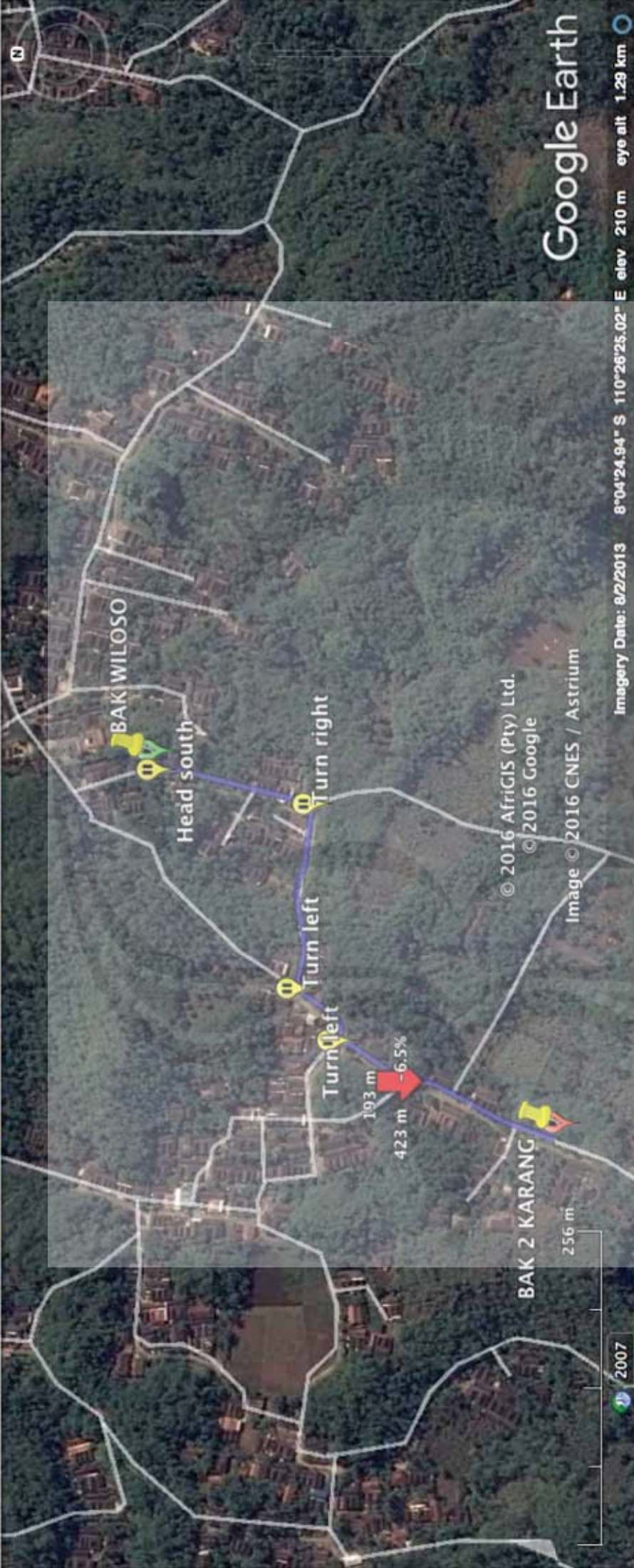








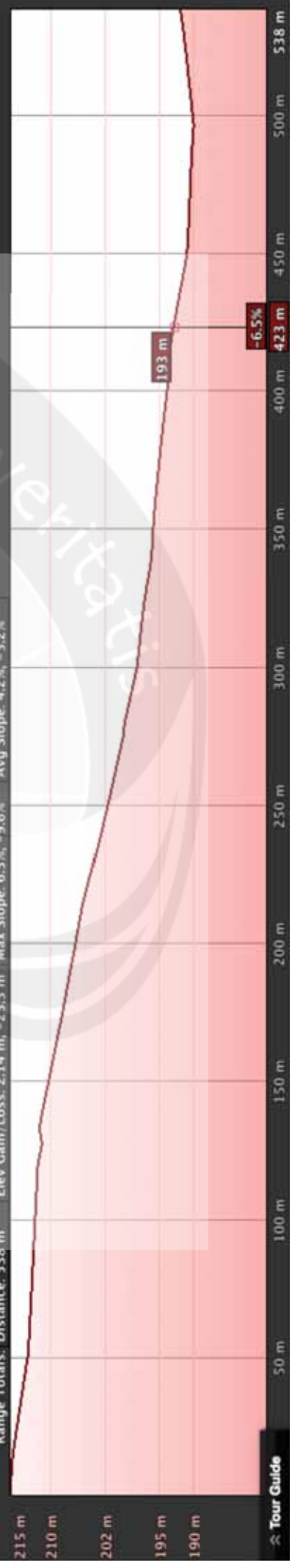
Sign in



Google Earth

Imagery Date: 8/2/2013 8°04'24.94" S 110°28'25.02" E elev 210 m eye alt 1.29 km

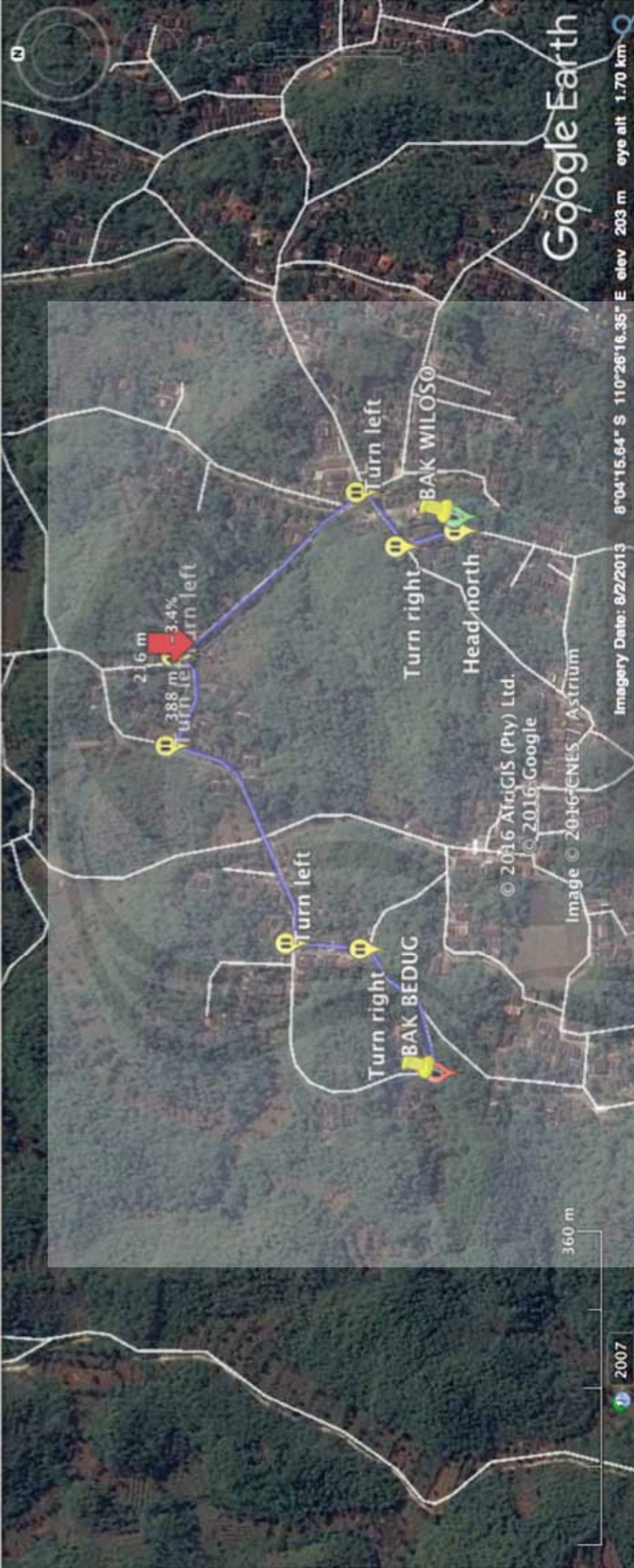
Graph: Min, Avg, Max Elevation: 190, 202, 215 m Range Totals: Distance: 538 m Elev Gain/Loss: 2.14 m, -25.3 m Max Slope: 6.3%, -9.6% Avg Slope: 4.2%, -5.2%



Tour Guide



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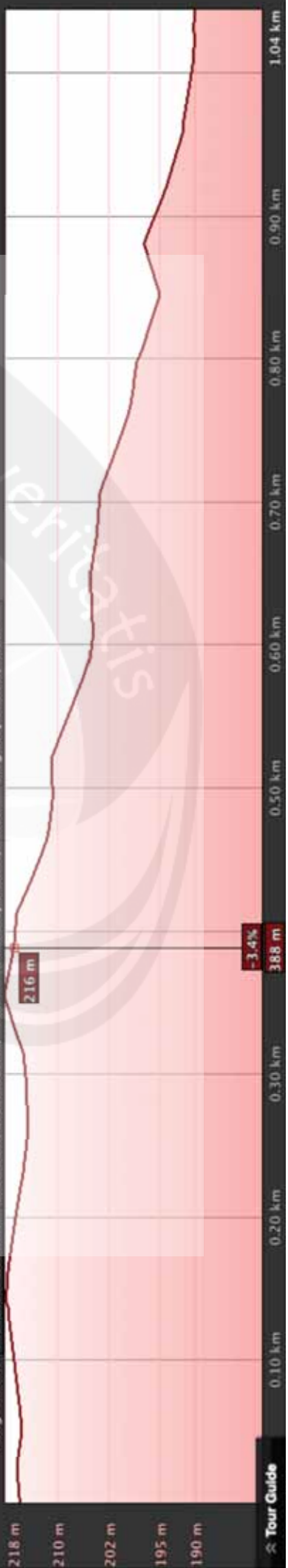


Google Earth

Imagery Date: 8/2/2013 8°04'15.64" S 110°28'16.35" E elev 203 m eye alt 1.70 km

Graph: Min, Avg, Max Elevation: 190, 207, 218 m

Range Totals: Distance: 1.04 km Elev Gain/Loss: 9.19 m, -34.9 m Max Slope: 8.5%, -9.5% Avg Slope: 2.8%, -4.8%



Tour Guide

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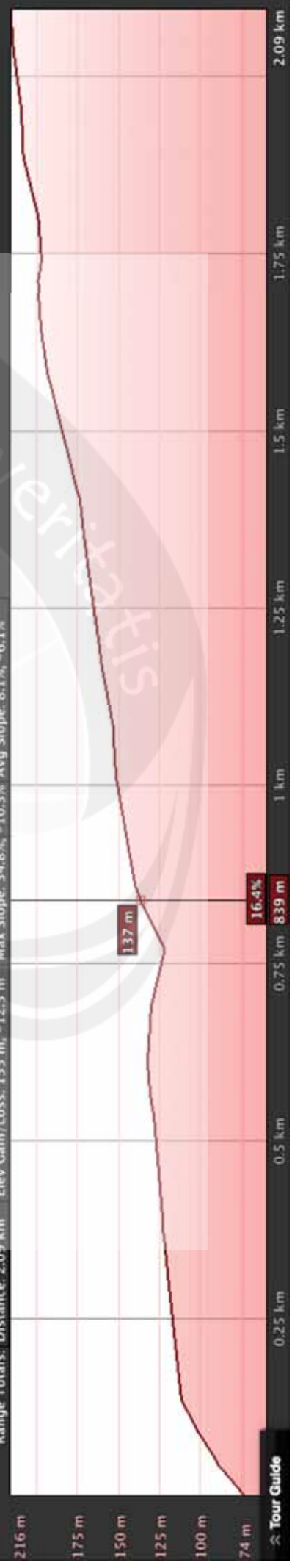


137 m
 839 m
 16.4%

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 PENGEBURAN SUNIBEK

Imagery Date: 8/2/2013 8°04'53.31" S 110°28'17.28" E elev 153 m eye alt 4.79 km

Graph: Min, Avg, Max Elevation: 74, 156, 216 m
 Range Totals: Distance: 2.09 km Elev Gain/Loss: 155 m, -12.5 m Max Slope: 34.8%, -10.3% Avg Slope: 8.1%, -6.1%



Tour Guide

