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LAMPIRAN

BEBAN 3.6								
	NHP	WHP	NHP	WHP	NHP	WHP	NHP	WHP
waktu (second)	T1 (°C)		T2 (°C)		T3 (°C)		T4 (°C)	
	NHP	WHP	NHP	WHP	NHP	WHP	NHP	WHP
3	31.7	26.6	31,0	26.1	30.4	24.9	26.9	27.2
6	32.7	26.6	31.1	26.1	30.5	24.9	27.8	26.5
9	32.7	26.6	32.4	26.7	30.6	25,0	27.8	27.3
12	32.6	26.6	32.4	26.7	31.6	25.1	28.3	27.2
15	32.6	26.6	32.3	26.6	31.5	25.1	28.3	27.1
18	32.6	26.6	32.2	26.5	31.5	25.1	28.1	27.1
21	32.5	26.6	32.1	26.5	31.4	25.1	28.1	27.1
24	32.5	26.7	32.1	26.5	31.3	25.1	28,0	27,0
27	32.6	26.7	32.1	26.5	31.3	25.2	28,0	27,0
30	32.6	26.7	31.9	26.6	31.2	25.2	27.7	27.1
33	32.4	26.8	31.9	26.7	31.1	25.2	27.7	27.2
36	32.4	26.9	31.9	26.8	31.1	25.2	27.9	27.3
39	32.5	26.9	32,0	26.8	31.1	25.2	28,0	27.3
42	32.2	26.9	32,0	26.8	31.1	25.2	27.6	27.3
45	33.3	27,0	32.1	26.7	31.2	25.3	28.2	27.3
48	33.3	27,0	32.2	26.7	31.2	25.3	27.8	27.3

51	32.5	27,0	32.3	26.6	31.3	25.4	28.3	27.2
54	32.9	27,0	32.4	26.6	31.4	25.5	28.4	27.2
57	32.9	26.9	32.5	26.6	31.5	25.5	27.5	27.2
60	33.6	26.9	32.5	26.6	31.5	25.6	28.6	27.2
63	32.7	26.9	32.6	26.5	31.6	25.7	27.4	27.2
66	33.8	26.9	32.6	26.5	31.6	25.7	28.2	27.2
69	33.8	27,0	32.8	26.6	31.7	25.8	28.3	27.3
72	33.8	27.1	32.8	26.6	31.8	25.8	28.3	27.4
75	33.8	27.1	33	26.7	31.8	25.9	28.4	27.5
78	33.8	27.3	33,0	26.8	31.9	26,0	28.4	27.6
81	33.7	27.4	33,0	27,0	31.9	26,0	27.7	27.8
84	33.6	27.6	33,0	27.3	31.9	26,0	28.4	27.9
87	33.4	27.7	32.8	27.4	31.9	26,0	28.4	28.1
90	32.2	27.8	32.7	27.6	31.7	25.9	27.4	28.2
93	33.4	27.9	32.7	27.6	31.7	25.9	28.3	28.3
96	33.5	27.9	32.6	27.6	31.6	25.9	28.3	28.3
99	33.4	27.9	32.6	27.5	31.6	25.9	28.2	28.2
102	33.4	27.7	32.7	27.4	31.7	25.9	28.1	28.1
105	33.5	27.6	32.8	27.3	31.8	26,0	28,0	28,0
108	33.5	27.6	33,0	27.3	31.9	26,0	27.7	28,0
111	33.7	27.5	33.2	27.2	32.2	26,0	27.6	27.9
114	34,0	27.5	33.5	27.2	32.4	26.1	27.5	28,0

117	34.2	27.6	33.8	27.3	32.6	26.1	27.5	28.1
120	34.8	27.7	34.2	27.4	32.8	26.1	27.6	28.2
123	35,0	27.7	34.6	27.4	33.1	26.1	27.7	27.9
126	35.4	27.7	34.7	27.5	33.3	26.1	27.8	27.9
129	36.1	27.8	35.1	27.5	33.6	26,0	28.3	28,0
132	35.9	27.9	35.2	27.6	33.9	25.9	28.4	28.1
135	36.5	27.9	35.4	27.6	34,0	25.7	28.7	28.1
138	36.2	27.8	35.5	27.6	34.3	25.7	27.7	28.1
141	37.3	27.8	35.7	27.5	34.4	25.6	28,0	28.2
144	37.3	27.9	35.9	28.1	34.6	25.6	28,0	28.8
147	37.3	27.9	36.1	28.1	34.7	25.6	29.2	28.8
150	37.8	28,0	36.2	28,0	34.8	25.7	28.6	28.8
153	37.9	28,0	36.3	28,0	34.9	25.8	28.6	28.8
156	37.1	28.1	36.5	28,0	34.9	26,0	28.7	28.8
159	36.9	28.1	36.6	28.1	35,0	26,0	28.7	28.8
162	37.7	28.2	36.7	28,0	35.1	26.1	29.5	28.8
165	37.7	28.1	36.7	28,0	35.1	26.1	28.8	28.8
168	37.7	28,"	36.8	27.9	35.2	26.1	28.8	28.7
171	37.8	27.8	36.9	27.8	35.3	26.1	29.4	28.6
174	37.9	27.8	37,0	27.7	35.4	26,0	29.5	28.5
177	37.9	27.6	37,0	27.4	35.5	26,0	29.6	28.4
180	37.5	27.5	36.9	27.4	35.4	25.9	29.6	28.2

183	36.4	27.4	35.6	27.3	35.3	25.9	28.7	28.1
186	36.3	27.5	35.6	27.3	35.2	25.9	28.7	28.1
189	36.2	27.6	35.5	27.4	34.9	25.9	28.7	28.1
192	36,0	27.7	35.4	27.4	34.7	25.8	28.7	28.2
195	35.8	27.8	35.2	27.5	34.3	25.8	28.7	28.3
198	35.5	27.9	35.1	27.6	33.9	25.8	28.7	28.4
201	35.4	27.9	34.8	27.6	33.7	25.8	28.7	28.4
204	35,0	27.8	34.6	27.5	33.5	25.9	28.7	28.3
207	34.8	27.7	34.4	27.5	33.3	25.9	28.7	28.3
210	34.7	27.7	34.3	27.5	33.1	25.9	28.7	28.3
213	34.6	27.6	34,0	27.1	33,0	26,0	28.7	28.2
216	34.5	26.7	33.8	27.1	32.8	26,0	28.4	28.1
219	34.3	26.8	33.7	27.1	32.7	26,0	28.4	28.1
222	34.2	26.9	33.5	27.2	32.6	25.9	28.8	28.1
225	34.1	26.5	33.4	26.6	32.4	25.9	27.8	28.1
228	34.1	26.5	32.9	26.6	32.3	25.8	28.6	27.8
231	33.5	26.4	32.9	26.6	32.2	25.8	27.7	27.7
234	34,0	26.4	32.9	26.6	32.1	25.6	28.6	27.6
237	33.3	26.5	32.9	26.6	32.1	25.5	28.2	27.6
240	33.8	26.5	32.9	26.6	32.1	25.4	28.3	27.4
243	33.2	26.5	32.9	26.6	32,0	25.3	28.1	27.4
246	33.7	26.5	33,0	26.6	32,0	25.2	28.1	27.4

249	33.8	26.6	33.1	26.7	32,0	25,0	28.5	27.4
252	33.9	26.6	33.1	26.7	32.1	25,0	28.5	27.3
255	34,0	26.7	33.3	26.7	32.2	25,0	28.5	27.2
258	34.2	26.6	33.4	26.7	32.3	24.9	28.5	27.2
261	34.3	26.6	33.6	26.6	32.4	24.8	28.6	27.1
264	34.5	26.7	33.7	26.6	32.5	24.7	27.7	27.1
267	34.6	26.7	33.9	26.6	32.6	24.6	28.4	27.1
270	34.7	26.7	33.9	26.6	32.7	24.5	28.4	27,0
273	34.7	26.7	34,0	26.6	32.8	24.4	27.5	27,0
276	35.1	26.8	34.1	26.6	32.9	24.3	28.4	27,0
279	35.9	26.7	34.2	26.6	32.9	24.3	28.5	26.9
282	35.9	26.7	34.4	26.5	33,0	24.3	27.7	26.8
285	35.7	26.7	34.5	26.5	33.1	24.3	27.7	26.7
288	35.7	26.8	34.7	26.5	33.3	24.3	27.7	26.8
291	36.7	26.9	34.9	26.6	33.5	24.3	27.8	26.7
294	36.8	26.9	35.2	26.5	33.7	24.3	28,0	26.7
297	36.8	26.9	35.3	26.6	33.9	24.3	28.2	26.6
300	36.7	26.9	35.5	26.6	34,0	24.3	28.2	26.7
303	36.7	27,"	35.6	26.7	34.2	24.2	28.3	27.1
306	36.7	26.6	35.9	26.7	34.4	24.2	28.3	26.1
309	36.8	27.3	36.1	26.6	34.6	24.1	28.4	26.7
312	36.9	26.6	36.2	26.2	34.7	24.1	28.4	26,0

315	36.9	27.3	36.4	27.1	34.9	24.1	28.3	26.7
318	37.1	26.7	36.5	27.1	35,0	24.1	28.3	26.1
321	37.2	27.3	36.7	27,0	35.1	24.1	28.3	26.3
324	37.4	27.2	36.8	26.9	35.3	24.1	28.4	26.4
327	37.5	27.2	36.9	26.8	35.3	24.1	28.4	27,0
330	37.5	27.3	37,0	26.7	35.4	24.2	28.3	27.1
333	37.7	27.3	37.2	26.7	35.4	24.2	28.3	27,0
336	37.8	27.2	37.4	26.6	35.5	24.2	28.4	27,0
339	38.1	27.2	37.4	26.6	35.6	24.3	28.5	26.8
342	38.3	27.1	37.6	26.6	35.7	24.4	28.7	26.8
345	38.5	27.2	37.6	26.6	35.8	24.4	28.8	26.7
348	38.6	27.2	37.7	26.6	35.9	24.5	28.8	26.7
351	38.7	27.3	37.8	26.6	36.1	24.5	28.9	26.8
354	38.7	27.4	37.8	26.7	36.1	24.5	28.9	27,0
357	39.1	27.5	37.8	26.7	36.2	24.5	28.9	27.1
360	39,0	27.6	37.9	26.8	36.3	24.5	28.8	27.2
363	39,0	28,0	37.9	26.9	36.3	24.5	28.9	27.7
366	39.5	27.3	38,0	26.8	36.4	24.5	28.9	27.2
369	39.4	28.2	38.1	27.3	36.4	24.5	29,0	27.2
372	39.3	28.1	38.1	27.2	36.5	24.5	29,0	27.2
375	39.2	28.2	38.1	27.4	36.5	24.6	29,0	27.2
378	39.3	28.2	38.2	26.7	36.5	24.7	29.1	27.3

381	39.3	28.1	38.3	26.8	36.5	24.7	29.2	27.4
384	39.4	28.1	38.3	26.9	36.6	24.7	29.3	27.4
387	39.4	28.2	38.3	27,0	36.6	24.7	29.3	27.6
390	39.6	28.2	38.4	27.2	36.6	24.7	29.5	27.7
393	39.7	28.2	38.5	27.2	36.6	24.7	29.5	27.8
396	38.9	28.3	38.4	27.4	36.6	24.7	29.5	27.9
399	39.4	28.4	38.4	27.4	36.6	24.6	29.4	28,0
402	39.5	28.4	38.5	27.4	36.7	24.6	29.4	27.9
405	39,0	28.3	38.5	27.4	36.7	24.6	29.4	27.8
408	39.1	28.2	38.5	27.3	36.7	24.6	29.3	27.8
411	39.8	28.2	38.4	27.3	36.7	24.5	29.4	27.7
414	39.8	28.2	38.5	27.3	36.7	24.5	28.8	27.7
417	39.9	28.1	38.4	27.3	36.7	24.6	29.8	27.6
420	38.8	28.1	38.4	27.2	36.7	24.6	28.8	27.7
423	39.8	28.2	38.4	27.3	36.6	24.6	29.8	27.7
426	39.3	27.8	38.4	27.3	36.6	24.5	28.7	27.7
429	39.3	27.8	38.4	27.2	36.6	24.5	29.9	27.7
432	39.4	27.8	38.4	27.1	36.6	24.5	29.9	27.6
435	39.4	27.9	38.5	27.2	36.7	24.5	29.3	27.6
438	39.5	27.9	38.5	27.2	36.7	24.5	29.2	27.7
441	39.5	28,0	38.5	27.3	36.7	24.5	29.2	27.7
444	39.5	28.1	38.5	27.3	36.7	24.5	29.2	27.7

447	39.5	28.2	38.5	27.4	36.7	24.6	29.2	27.9
450	39.5	28.2	38.5	26.9	36.7	24.6	29.3	27.9
453	39.5	28.2	38.5	26.9	36.7	24.6	29.2	27.8
456	39.5	28.2	38.5	27,0	36.7	24.6	29.2	27.8
459	39.6	28.2	38.6	27,0	36.7	24.5	29.3	27.8
462	39.7	28.1	38.6	27,0	36.8	24.6	29.4	27.8
465	39.7	28.1	38.6	27,0	36.8	24.6	28.8	27.6
468	39.6	27.9	38.6	27,0	36.8	24.6	28.9	27.6
471	39.7	27.9	38.7	27,0	36.8	24.6	28.9	27.5
474	39.8	27.9	38.7	27,0	36.8	24.6	29.1	27.6
477	39.8	27.8	38.7	27,0	36.9	24.6	29.2	27.5
480	39.8	27.9	38.6	27,0	36.8	24.7	29.3	27.6
483	39.7	28,0	38.6	27,0	36.8	24.7	29.2	27.7
486	39.7	28,0	38.6	27.2	36.8	24.7	29.3	27.8
489	39.7	28.1	38.5	27.2	36.8	24.7	29.2	27.8
492	39.7	28.1	38.6	27.3	36.8	24.7	29.1	28.1
495	39.7	28.2	38.6	27.3	36.8	24.8	29.1	28.1
498	39.8	28.2	38.6	27.3	36.8	24.9	29.1	27.5
501	39.8	27.8	38.6	27.3	36.9	25,0	29.1	27.6
504	39.8	28.4	38.7	27.3	36.9	25,0	29.1	28,0
507	39.8	28.5	38.6	27.3	36.9	25.1	29.1	27.4
510	39.7	28.4	38.5	27.3	36.9	25.1	29.1	27.5

513	39.6	28.4	38.3	27.6	36.8	25.2	28.9	27.7
516	39.2	28.4	38.2	27.6	36.7	25.2	28.7	28.5
519	38.8	27.9	36.7	27.6	36.6	25.1	28.7	27.9
522	38.6	27.7	36.7	27,0	36.2	25.1	28.7	27.9
525	38.1	28.6	36.6	27.7	36.1	25.1	28.7	28,0
528	37.9	28.5	36.4	27.7	35.7	25.2	28.7	28,0
531	37.4	27.7	36.3	27.1	35.5	25.2	28.7	28.1
534	37.2	27.8	36.1	27.1	35.1	25.1	28.6	27.6
537	36.7	28.5	35.9	27.2	34.7	25.2	28.6	28.4
540	36.5	27.7	35.6	27.2	34.6	25.2	28.6	27.5
543	36.2	28.6	35.5	27.5	34.3	25.2	28.5	28.4
546	36,0	27.6	35.2	26.9	34.2	25.2	28.5	27.5
549	35.9	28.6	35.2	27.1	33.9	25.1	28.6	28.4
552	35.7	28,0	35,0	27,0	33.8	25.1	28.6	27.5
555	35.6	28.5	34.8	27.8	33.6	25.1	28.8	28.2
558	35.5	28.5	34.7	27.8	33.5	25.1	28.8	27.7
561	35.5	28.3	34.6	27.6	33.4	25,0	29,0	27.7
564	35.4	28.3	34.6	27.6	33.3	25,0	29.1	28.4
567	35.3	27.7	34.4	26.9	33.2	25.1	29.2	28.1
570	34.2	28,0	34.3	27,0	33,"	25.1	29.2	28.1
573	34.2	27,0	34.2	26.7	32.9	25.1	29.1	27.4
576	34.6	27.7	34.1	26.6	32.7	25.1	28.9	27.4

579	34.2	26.8	33.9	26.6	32.6	24.9	28.9	27,0
582	34.2	27,0	33.8	27.2	32.5	24.9	28.6	27.6
585	34.4	27,0	33.7	26.5	32.4	24.7	28.7	26.9
588	33.8	26.6	33.7	26.8	32.3	24.6	28.4	26.9
591	34.8	26.7	33.7	26.9	32.3	24.5	29.2	27.5
594	34,0	26.6	33.7	26.3	32.2	24.5	28.3	26.5
597	35.1	26.6	33.7	26.4	32.2	24.5	29.1	27.4
600	35.1	26.6	33.7	26.5	32.2	24.5	28.5	26.5
603	34.9	26.6	33.8	26.5	32.3	24.5	28.5	26.6
606	34.9	26.6	33.9	26.6	32.4	24.5	28.7	27.3
609	34.9	26.5	34,0	26.4	32.5	24.5	28.9	26.2
612	34.8	26.5	34.1	26.4	32.5	24.4	29,0	26.9
615	34.8	25.9	34,0	26.4	32.6	24.4	29.1	26.3
618	34.7	26,0	34,0	26.4	32.6	24.4	29.2	27,0
621	34.7	25.9	34.1	26.4	32.6	24.3	29.4	26.3
624	34.7	26,0	34.1	26.4	32.6	24.3	28.4	26.8
627	35.2	25.8	34.1	26.3	32.6	24.2	29.2	26.2
630	35.3	26.7	34.1	26.3	32.6	24.2	29.2	26.2
633	34.7	26.7	34.3	26.2	32.6	24.2	29.1	26.8
636	34.8	26.6	34.4	26.2	32.7	24.1	29.1	25.9
639	34.8	26.9	34.5	26.1	32.8	24.2	28.8	26.1
642	35.7	27.1	34.6	26.1	32.9	24.2	28.9	26.8

645	35.6	26.4	34.7	26.1	32.9	24.2	28.5	27,0
648	35.7	27.1	34.8	26.2	33,0	24.3	29.7	26.1
651	35.3	27.1	34.9	26.2	33,0	24.3	29.7	26.1
654	35.3	27.1	34.9	26,0	33.1	24.3	28.7	26.9
657	35.3	27.4	34.9	26.7	33.1	24.3	28.7	26.9
660	35.3	27.5	34.9	26.7	33.2	24.3	28.8	26.3
663	35.2	27.5	34.9	26.7	33.2	24.3	28.8	27.3
666	35.3	27.5	34.9	26.6	33.3	24.2	28.9	27.3
669	36.1	27.4	34.9	26.6	33.4	24.2	29.9	26.3
672	35.5	27.4	35.1	26.5	33.4	24.1	29,0	26.4
675	36,0	27.3	35.1	26.5	33.6	24.1	29.8	26.5
678	35.2	27.3	35.2	26.5	33.6	24,0	29.1	26.6
681	35.8	27.3	35.3	26.5	33.6	24,0	29.8	26.7
684	35.6	27.3	35.3	26.6	33.6	24,0	29.8	26.7
687	35.7	27.3	35.3	26.6	33.6	24,0	29.4	26.7
690	36.4	27.3	35.4	27.1	33.7	24.1	29.5	26.9
693	36.3	27.4	35.4	27.2	33.7	24.2	29.3	27.1
696	36.1	27.4	35.4	27.1	33.8	24.2	30.2	27.1
699	36.1	27.4	35.5	27.1	33.8	24.3	29.4	27,0
702	36.1	27.4	35.5	27,0	33.9	24.3	30.1	26.9
705	36.1	27.8	35.6	27,0	33.9	24.4	29.5	27.1
708	36.1	27.8	35.6	26.5	34,0	24.4	29.9	27.1

711	36.8	27.8	35.6	26.6	34,0	24.3	30,0	27.4
714	36.7	27.7	35.6	26.7	34.1	24.2	29.6	27.4
717	36.6	27.7	35.6	27.3	34.1	24.2	29.6	27.6
720	36.5	27.6	35.6	27.3	34.1	24.4	29.6	27.1
723	36.4	27.8	35.6	27.6	34.1	24.4	29.6	27.8
726	36.3	27.9	35.7	27.6	34.1	24.6	29.6	28,0
729	36.2	27.8	35.6	27.6	34.1	24.8	29.6	28,0
732	36.2	27.9	35.6	27.6	34,0	25.2	29.6	27.9
735	36.1	28.8	35.6	27.7	34,0	25.3	29.5	28,0
738	36.1	28.8	35.6	27.7	34,0	25.6	29.5	27.4
741	36.1	28.7	35.7	27.6	34,0	25.8	29.4	27.5
744	36,0	28.6	35.7	27.6	34,0	25.8	29.4	27.5
747	36,0	28.5	35.7	27.6	34,0	25.9	29.5	27.5
750	36.1	28.5	35.7	27.6	34,0	25.9	29.5	27.6
753	36.1	28.4	35.6	27.6	34,0	25.9	29.6	27.7
756	36,"	28.4	35.6	27.6	34,0	25.9	29.6	27.7
759	,36,	28.4	35.6	27.6	34,0	25.9	29.6	27.9
762	36.1	28.6	35.6	27.8	34,0	25.9	29.7	28,0
765	36.1	28.7	35.5	27.9	33.9	26,0	29.6	28.2
768	36.1	28.8	35.5	28.1	33.9	26.1	29.6	28.4
771	36.2	28.9	35.7	28.1	34,0	26.1	30.4	28.5
774	36.3	28.9	35.8	28.2	34,0	26.2	29.9	28.5

777	36.4	29,0	35.7	28.2	34.1	26.2	29.3	28.6
780	36.3	29,0	35.8	28.3	34.1	26.1	29.3	28.7
783	36.3	29,0	35.8	28.2	34.2	26.1	29.4	28.8
786	36.3	28.7	35.9	27.9	34.2	26.1	29.5	28.8
789	36.4	29.3	35.9	28.7	34.2	26.1	29.5	28.8
792	36.4	29.3	35.9	28.7	34.2	26.2	29.7	28.8
795	36.5	28.5	35.9	28.6	34.2	26.2	29.8	28.7
798	36.5	29.7	36,0	28.6	34.3	26.2	29.8	28.7
801	36.6	29.3	36.1	28.5	34.3	26.2	30.3	28.7
804	36.8	29.3	36.1	28.5	34.4	26.2	30.3	28.6
807	36.8	29.7	36.1	28.9	34.4	26.2	29.6	28.7
810	37.4	29.7	36.1	28.2	34.5	26.2	30.3	28.3
813	37.4	29.6	36.2	28.8	34.6	26.3	29.7	29.2
816	37.3	28.8	36.3	28.8	34.6	26.3	29.8	28.6
819	37.3	28.8	36.3	28.7	34.7	26.3	29.7	28.7
822	37.3	29.4	36.3	28.7	34.7	26.3	29.8	28.8
825	37.2	29.4	36.4	28.6	34.7	26.4	29.6	28.6
828	37.3	29.4	36.3	28.5	34.7	26.4	30.5	28.8
831	36.5	29.4	36.4	28.5	34.7	26.3	30.4	28.6
834	36.6	28.8	36.3	28.4	34.6	26.3	30.6	28.6
837	36.5	29.8	36.3	28.5	34.6	26.3	29.5	29.2
840	37.3	29.1	36.3	28.5	34.6	26.3	30.7	28.5

843	36.6	29.4	36.3	28.5	34.6	26.3	30.1	29.3
846	36.6	29.5	36.3	28.5	34.6	26.3	29.6	29.2
849	36.7	29.4	36.3	28.5	34.6	26.3	30.4	29.1
852	36.8	29.4	36.3	28.5	34.6	26.4	30.5	29.1
855	36.9	29.4	36.3	28.5	34.6	26.4	29.9	29.1
858	36.9	29.4	36.3	28.5	34.6	26.4	29.9	29,0
861	36.9	29.2	36.3	28.5	34.6	26.4	30,0	28.9
864	37.2	29.1	36.5	28.4	34.7	26.4	30.1	28.7
867	37.2	29.1	36.5	28.3	34.8	26.5	30.3	28.7

BEBAN 3.7

waktu (second)	T1 (°C)		T2 (°C)		T3 (°C)		T4 (°C)	
	NHP	WHP	NHP	WHP	NHP	WHP	NHP	WHP
3	32,7	26.3	32.5	27.2	31.2	25,0	27.1	26.7
6	32,7	26.4	32.5	27.1	31.2	25.1	27.1	26.8
9	31.2	26.5	30.9	27,0	30.3	25,0	27.1	27.6
12	31.2	26.2	30.9	26.9	30.3	25,0	27.3	26.7
15	31.3	27.1	30.9	27,0	30.3	24.9	27.4	27.5
18	31.3	27.2	30.9	27,0	30.3	24.7	27.5	27.5
21	31.2	27.1	30.9	26.9	30.2	24.7	27.5	26.7
24	31.3	27.3	30.9	27.1	30.2	24.5	27.5	26.8
27	31.3	27.4	30.9	27.2	30.2	24.5	27.5	26.9

30	31.5	27.4	31,0	27.1	30.3	24.4	27.5	27,0
33	31.6	27.3	31,0	27.1	30.3	24.4	27.5	27,0
36	31.6	27.2	31,0	26.9	30.4	24.4	27.5	27,0
39	31.6	27.2	31,0	26.9	30.5	24.4	27.5	27,0
42	31.6	27.2	31.1	26.9	30.6	24.4	27.3	27.1
45	31.6	27.2	31.2	26.9	30.7	24.4	27.2	27.1
48	31.7	27.1	31.3	26.9	30.8	24.5	27.1	27,0
51	31.8	27,0	31.4	26.9	30.8	24.6	27,0	27,0
54	31.8	27,0	31.6	26.9	31,0	24.7	27,0	27.1
57	32.1	27.1	31.8	27,0	31.1	24.8	27,0	27.2
60	32.2	27,0	32,0	27,0	31.3	24.8	27.1	27.1
63	32.5	27,0	32.2	26.9	31.4	24.9	27.3	27,0
66	32.6	27,0	32.3	27.3	31.5	24.9	27.3	27.1
69	32.7	26.6	32.4	26.4	31.5	24.9	27.4	26.6
72	32.8	26.8	32.4	27.2	31.6	24.9	26.6	27.4
75	32.1	26.6	32.4	26.8	31.6	24.8	28.1	27.4
78	32.2	27.3	32.3	26.9	31.5	24.9	27.3	27.6
81	31.8	27.3	32.2	26.9	31.4	24.9	27.7	27.5
84	31.9	27.7	32.2	27,0	31.4	24.8	26.6	27.5
87	31.9	27.5	32.1	26.9	31.3	24.8	27.4	27.5
90	31.5	27.5	32,0	27,0	31.2	24.9	26.9	27.5
93	31.6	27.7	31.9	27,0	31,0	24.9	26.9	27.5

96	31.7	27.8	32.2	27.2	31,0	25,0	27.5	27.6
99	31.9	27.9	32.3	27.3	31,0	25,0	27.6	27.7
102	32.1	28,0	32.3	27.4	31.2	25,0	27.6	27.9
105	32.3	28.2	32.3	27.6	31.2	25.1	27.5	27.9
108	32.7	28.2	32.5	27.6	32.6	25.2	27.3	28.1
111	32.9	28.3	33.6	27.7	32.7	25.2	27.3	28.2
114	34.7	28.2	33.8	27.7	32.7	25.2	27.2	28.2
117	34.8	28.2	33.8	27.7	32.8	25.2	27.2	28.1
120	34.8	28.2	34,0	27.7	33,0	25.2	27.2	28.1
123	34.9	28.2	34.1	27.7	33.1	25.1	27.1	28.1
126	35,0	28.3	34.3	27.7	33.3	25.1	27.1	28.1
129	35.3	28.3	34.6	27.8	33.5	25.1	27.2	28.2
132	35.5	28.5	34.7	27.9	33.7	25.1	27.7	28.3
135	35.7	28.5	35,0	28,0	33.9	25.2	27.7	28.4
138	35.7	28.6	35.1	28.1	34,0	25.3	27.7	28.5
141	36.8	28.7	36.1	28.1	34.2	25.3	27.6	28.6
144	37.1	28.7	36,0	28.1	34.3	25.3	28,0	28.6
147	37.1	28.7	36.6	28.2	34.5	25.3	27.2	28.6
150	37.5	28.7	36.6	28.2	34.6	25.3	26.9	28.6
153	37.5	28.6	36.7	28.2	34.8	25.3	27.5	28.6
156	37.5	27.5	36.7	28,0	34.9	25.3	26.7	28.5
159	37.5	27.6	36.7	28,0	35.1	25.3	27.7	28.4

162	37.9	27.5	36.7	27.9	35.1	25.3	26.8	27.6
165	37.9	27.6	36.8	27.8	35.2	25.3	27.7	27.7
168	37.8	27.6	36.8	27.7	35.2	25.3	27.1	27.3
171	38.1	27.5	36.8	27.6	35.3	25.3	27.1	28.1
174	38.1	26.9	37,0	26.9	35.4	25.2	27.8	27.2
177	37.3	27.7	37,0	27,0	35.4	25.1	27.3	27.8
180	37.2	27.7	36.9	27,0	35.4	25,0	27.3	27.2
183	37,0	27.6	36.8	27,0	35.3	24.9	27.3	27.9
186	36.9	28,0	36.7	27.1	35.2	24.8	27.3	28,0
189	35.4	28,0	35.2	27.1	35,0	24.6	28.2	27.8
192	35.4	27.9	35.2	27.2	34.7	24.5	28.2	27.8
195	34.4	27.9	34.3	27.2	34.3	24.5	28,0	28.1
198	35.2	27.6	34.4	27.2	34.1	24.5	28,0	27.6
201	34.9	27.6	34.6	27.2	33.8	24.6	27.9	27.8
204	34.9	28.4	34,0	27.2	33.6	24.7	27.9	27.9
207	34.7	27.6	34,0	27.2	33.3	24.7	28,0	27.5
210	33.9	27.8	34,0	27.3	33.2	24.8	27.2	28.4
213	33.9	27.7	33.9	27,0	32.9	24.9	27.8	27.4
216	34.3	28.4	33.7	27.2	32.8	25,0	27.8	28.3
219	33.2	28.3	32.9	27.2	32.6	25,0	26.9	27.5
222	33.5	28.3	33,0	27.3	32.5	24.9	26.9	28.5
225	33.5	28.3	33,0	27.4	32.4	25,0	27.9	28.6

228	34.4	27.8	33.5	27.4	32.4	25.1	26.8	27.9
231	34.4	27.9	33.5	27.5	32.4	25.1	27.8	27.9
234	34.5	28,0	33.7	27.6	32.5	25.1	27.8	28.1
237	34.7	28.1	33.8	27.3	32.5	25.2	27.8	28.1
240	34.8	28.1	33.9	27.4	32.7	25.2	27.8	28.1
243	36,0	28.2	34,0	27.5	32.8	25.2	27,0	28.6
246	35.3	28.3	34.3	27.5	33.1	25.2	27.7	27.8
249	36.2	28.3	35.7	27.5	33.3	25.2	27.6	28.7
252	36.1	28.3	35.7	27.6	33.6	25.2	27.7	28.7
255	36.2	28.2	35.7	27.6	33.7	25.2	27.4	28,0
258	36.3	28.5	35.7	27.7	34,0	25.2	27.4	28.1
261	36.5	28.5	35.8	27.3	34.3	25.2	27.7	28,0
264	37.1	28.5	35.8	28.2	34.4	25.1	26.9	28.7
267	37.2	28.5	36,0	28.2	34.7	25.1	27.8	28.7
270	37.2	28.4	36.1	28,0	34.8	25.1	26.8	28.6
273	37.2	28.3	36.2	27.9	34.9	25.1	26.8	28.5
276	37.3	28.3	36.4	27.8	35,0	25.1	27,0	28.4
279	37.4	28.3	36.6	27.8	35.2	25.1	27.1	28.3
282	37.6	28.3	36.8	27.7	35.4	25.1	27.3	28.3
285	37.6	28.2	36.9	27.7	35.5	25.2	27.4	28.3
288	37.8	28.1	37.1	27.7	35.6	25.3	27.4	28.3
291	37.9	28.1	37.2	27.7	35.7	25.3	27.4	28.3

294	38.2	28.2	37.4	27.8	35.9	25.4	27.6	28.4
297	38.3	28.2	37.5	27.8	35.9	25.4	27.6	28.4
300	38.4	28.2	37.6	27.8	36,0	25.4	27.6	28.7
303	39.1	28,0	37.7	27.7	36,0	25.4	27.5	28.7
306	39.1	28.8	37.9	27.8	36.2	25.3	27.9	28.9
309	39,0	28.7	38,0	27.8	36.2	25.3	27.8	28.9
312	39,0	28.7	38,0	27.9	36.3	25.3	27.8	28.1
315	38.9	28.7	38,0	27.9	36.3	25.2	27,0	28.3
318	38.9	28.7	38,0	27.9	36.4	25.2	27,0	29.1
321	39,0	28.7	38.1	27.9	36.5	25.3	27.1	28.2
324	39,0	28.4	38.1	27.9	36.5	25.3	27.2	29.1
327	39.2	28.5	38.2	27.9	36.6	25.3	27.4	28.7
330	39.4	28.3	38.3	27.9	36.7	25.4	27.6	28.8
333	39.5	28.3	38.5	27.9	36.7	25.4	27.8	29.1
336	39.5	28.7	38.5	27.9	36.8	25.4	28,0	28.2
339	39.5	28.3	38.6	28,0	36.8	25.5	28,0	29.1
342	39.5	28.4	38.6	27.7	36.9	25.5	27.9	28.1
345	39.5	28.3	38.6	27.5	36.9	25.5	28,0	28.8
348	39.4	28.4	38.6	27.6	36.9	25.5	28,0	28.3
351	39.4	28.1	38.7	27.7	36.9	25.5	27.9	28.4
354	39.5	28.2	38.7	27.7	37,0	25.5	27.9	27.9
357	39.5	28.2	38.7	27.5	37,0	25.4	27.6	29.1

360	39.8	28.3	38.8	28.4	37,0	25.4	27.6	28.9
363	39.8	28.7	38.7	28.2	37,0	25.5	28.1	28.9
366	39.8	28.6	38.7	27.6	37,0	25.5	27.2	28.8
369	39.8	28.6	38.8	27.7	37,0	25.5	28,0	29,0
372	39.3	27.9	38.8	27.7	37.1	25.5	28.1	28.1
375	39.9	28.8	38.9	27.8	37.1	25.5	27.6	28.3
378	40,0	28.1	38.9	27.7	37.1	25.5	27.6	28.3
381	39.9	28.2	38.9	27.7	37.1	25.4	28.1	29,0
384	39.9	28.2	38.9	27.8	37.1	25.4	27.3	28.2
387	40.1	28.2	38.9	27.8	37.1	25.3	27.5	28.2
390	39.4	28.3	38.8	27.8	37.1	25.3	28.4	28.3
393	40.6	28.4	38.8	27.9	37.1	25.3	27.6	28.5
396	39.8	28.5	38.9	28,0	37.1	25.3	28.3	28.6
399	39.8	28.5	38.8	28,0	37.1	25.3	27.5	28.7
402	40.5	28.4	39.3	28,0	37.1	25.3	27.6	28.7
405	40.5	28.4	39.3	28,0	37.1	25.3	28.4	28.8
408	40.3	28.4	39.2	28,0	37.2	25.4	28.3	28.7
411	40.3	28.3	39.2	27.9	37.2	25.4	27.2	28.7
414	40.2	28.2	39.1	27.8	37.2	25.3	27.3	28.5
417	40.2	28.1	39.1	27.7	37.2	25.2	27.4	28.5
420	40.1	28.1	39,0	27.7	37.3	25.1	27.5	28.4
423	40.1	28,0	39,0	27.7	37.3	25.1	27.6	28.4

426	40.2	27.1	39.1	27.6	37.3	25,0	27.8	27.8
429	40.3	27.1	39.1	27.5	37.3	24.9	28,0	27.8
432	40.3	27.1	39.2	27.4	37.3	24.8	28.1	27.8
435	40.2	26.7	39.2	26.6	37.3	24.8	28.1	27.2
438	40.2	26.7	39.2	27.1	37.3	24.7	28.1	27.2
441	40.1	27.3	39.2	27.2	37.2	24.6	28,0	27.3
444	40,0	27.3	39.1	27.2	37.2	24.5	28,0	27.4
447	40,0	27.3	39.1	27.1	37.2	24.5	27.8	27.1
450	40.1	27.1	39.1	27,0	37.2	24.5	27.8	27.1
453	40.1	27.1	39.1	27,0	37.2	24.5	27.9	27.2
456	39.9	27.2	39.1	27.1	37.3	24.6	27.5	27.3
459	39.9	27.2	39.2	27,0	37.3	24.6	27.5	27.3
462	38.8	27.1	39.2	26.5	37.2	24.7	27.7	27.3
465	38.9	27.2	38.3	26.5	37.1	24.7	27.8	27.4
468	38.6	27.3	37.7	27.5	37,0	24.8	28.4	27.5
471	38.6	27.4	37.7	26.4	36.8	24.8	28.4	27.2
474	38,0	27.3	37.4	26.5	36.5	24.7	28.3	27.2
477	38.1	27.4	37.5	27.5	36.4	24.6	27.7	27.3
480	38.1	27.4	37.5	27.4	36.2	24.6	28.4	27.2
483	38,0	27.5	37.4	27.4	36.1	24.5	28.4	27.6
486	37.9	27.5	37.4	27.4	35.9	24.5	27.3	27.1
489	37.8	27.5	37.3	27.3	35.7	24.5	27.4	27.9

492	37.8	27.6	37.3	27.3	35.5	24.5	27.5	27.1
495	37.6	28.1	37.1	27.3	35.5	24.5	27.6	27.3
498	37.5	28,0	36.9	27.3	35.3	24.6	27.7	27.1
501	37.3	28.3	36.8	27.4	35.2	24.7	27.7	27.8
504	37.3	27.5	36.8	27.4	35,0	24.7	27.7	27.1
507	36.5	28.2	36.6	27.9	34.9	24.8	28.3	27.8
510	36.6	27.6	36.5	27.5	34.8	24.9	27.6	27.1
513	36.5	28.2	35.8	27.6	34.5	24.9	28.3	28,0
516	36.5	27.6	35.8	27.1	34.4	25,0	27.5	27.2
519	36.9	28.3	35.9	27.2	34.3	25,0	27.5	28.1
522	37,0	27.6	35.9	27.9	34.2	25,0	27.7	28.2
525	36.2	27.6	35.9	27.2	34.1	25,0	27.8	27.3
528	36.2	28.1	36,0	27.9	34,0	25,0	27.8	28.1
531	36.3	28.2	36.1	28,0	34.1	25,0	28.4	28,0
534	36.4	28.2	36,0	28,0	34.1	25,0	28.5	27.3
537	36.4	28.4	36,0	28.3	34.1	25,0	28.5	27.9
540	37,0	28.4	36.1	28.3	34.1	25.1	27.8	27.3
543	37,0	28.4	36.1	28.2	34.1	25.1	28.4	28.1
546	36.2	28.4	36.1	28.1	34.1	25.1	27.7	27.2
549	36.3	28.5	36.1	28.1	34.1	25.1	27.7	28.1
552	36.3	27.9	36.1	28.1	34.1	25.1	27.7	27.3
555	36.4	28.5	36.1	28.4	34.2	25.1	27.7	28.5

558	36.5	28.5	36.1	28.4	34.3	25.1	27.7	27.9
561	36.7	28.4	36.2	28.3	34.3	25.2	27.8	27.9
564	36.7	28.4	36.2	28.4	34.4	25.3	27.9	27.9
567	36.9	28.5	36.2	28.4	34.5	25.4	28.1	28,0
570	36.9	28.4	36.2	28.3	34.6	25.5	28.2	28,0
573	37,0	28.3	36.3	28.3	34.7	25.6	28.2	28,0
576	37,0	28.3	36.3	28.3	34.7	25.6	28.2	28,0
579	36.9	28.4	36.2	28.4	34.8	25.6	28.1	28.2
582	36.8	28.6	36.2	28.5	34.9	25.6	28,0	28.3
585	37.5	28.6	36.3	28.5	35,0	25.6	28,0	28.4
588	37.6	28.7	36.5	28.7	35.1	25.6	28.1	28.5
591	37.7	28.8	36.6	28.7	35.2	25.6	28.2	28.6
594	37.8	28.8	36.7	28.8	35.3	25.7	28.4	28.6
597	37.8	28.8	36.8	28.7	35.3	25.7	28.6	28.6
600	37.8	28.7	37,0	28.7	35.3	25.7	28.8	28.5
603	37.8	28.8	37,0	29.1	35.2	25.8	28.9	28.5
606	37.7	28.8	36.9	29,0	35.2	25.8	28.9	28.2
609	37.5	29.3	36.9	29.2	35.1	25.9	28.9	28.3
612	37.4	29.3	36.8	29.2	35,0	26,0	28.7	28.4
615	37.3	29.5	36.8	29.5	35,0	26,0	28.5	28.6
618	37.2	29.3	36.7	28.7	35,0	26.1	28.4	28.2
621	37.1	29.4	36.7	29.4	35,0	26.2	28.3	28.6

624	37.1	29.4	36.7	29.4	35,0	26.2	28.3	29.4
627	37.1	29.4	36.7	29.4	35,0	26.3	28.3	29.5
630	37.1	29.5	36.7	29.4	35,0	26.4	28.3	28.5
633	37.1	29.5	36.7	29.4	34.9	26.4	28.3	28.8
636	37.1	29.6	36.7	29.5	34.9	26.5	28.3	29.6
639	37.1	29.7	36.7	30,0	34.9	26.5	28.2	29.8
642	37.1	30.5	36.6	30,0	34.8	26.5	28.2	29.1
645	37.1	30.5	36.7	30,0	34.8	26.6	28.2	29.2
648	37.2	30.5	36.7	30,0	34.8	26.6	28.3	29.3
651	37.2	30.6	36.8	30,0	34.8	26.6	28.4	29.3
654	37.2	30.6	36.8	30,0	34.8	26.6	28.5	29.4
657	37.2	29.9	36.7	29.9	34.8	26.6	28.5	29.4
660	37.3	29.9	36.8	29.9	34.7	26.6	28.6	28.9
663	37.4	30.1	36.9	29.9	34.7	26.6	28.6	29.5
666	37.3	30.1	36.8	29.9	34.7	26.6	28.7	29.6
669	37.2	30.2	36.7	29.9	34.7	26.6	28.7	29.6
672	37.3	30.3	36.8	29.9	34.7	26.6	28.5	30,0
675	37.5	30,0	36.8	29.5	34.8	26.6	28.7	29.9
678	37.5	30.1	36.8	30.5	34.9	26.6	28.7	30.1
681	37.4	30.2	36.8	29.7	34.9	26.6	28.7	30.2
684	37.4	31,0	36.8	29.8	34.9	26.7	28.6	30.3
687	37.5	30.9	36.9	29.9	34.9	26.7	28.5	29.7

690	37.6	30.7	36.9	30,0	35,0	26.7	28.6	29.7
693	37.6	30.7	36.9	30,0	35.1	26.7	28.7	29.6
696	37.7	30.5	36.9	30.1	35.1	26.8	28.7	29.6
699	37.7	30.5	37,0	30.2	35.1	26.8	28.8	29.7
702	37.7	30.5	37,0	30,0	35.1	26.8	28.9	29.7
705	37.9	30.4	37,0	30,0	35.1	26.8	28.9	29.7
708	37.1	30.5	37,0	30.5	35.1	26.7	29,0	30.1
711	37.9	29.8	37,0	29.7	35,0	26.7	28.6	30,0
714	37.8	30.3	37,0	30.4	35,0	26.7	29.3	30.1
717	38,0	29.6	37,0	29.9	35,0	26.7	28.3	29.1
720	38,0	30.2	37.1	30.5	35,0	26.6	28.4	29.8
723	37.4	30.2	37.1	29.6	35,0	26.5	28.5	29.7
726	38.1	30.1	37.1	29.7	35,0	26.5	28.2	29.7
729	38.1	30.1	37.1	30.4	35,0	26.5	28.8	30,0
732	37.9	30,0	37.1	30.4	35.1	26.5	28.3	30,0
735	37.9	29.3	37.1	30.2	35.1	26.4	29,0	29.9
738	37.9	29.3	37.1	30.1	35.1	26.5	29.1	29.7
741	37.8	29.3	37.1	30.1	35.2	26.5	29.1	29.6
744	37.7	29.4	37.1	30.1	35.2	26.5	29,"	29.6
747	37.6	29.4	37.1	30.1	35.2	26.4	28.9	29.4
750	37.7	29.4	37.2	30,0	35.5	26.4	28.9	29.3
753	37.7	29.5	37.2	29.9	35.3	26.3	28.9	29.3

756	37.7	29.7	37.2	30,0	35.3	26.3	29,0	29.4
759	37.8	29.8	37.4	30,0	35.4	26.2	29,0	29.5
762	37.9	30,"	37.4	30,0	35.4	26.2	29,0	29.5
765	38,0	30.1	37.4	30,0	35.5	26.2	29.1	29.5
768	38,0	30.3	37.5	30.1	35.6	26.3	29.1	29.6
771	38.1	30.5	37.5	30.2	35.6	26.3	29.4	29.7
774	38.1	30.2	37.5	29.8	35.6	26.3	29.5	29.7
777	38.1	30.4	37.5	29.9	35.7	26.3	28.6	30.1
780	38.9	30.2	37.7	29.9	35.8	26.3	29.6	30.1
783	38,0	30.4	37.7	30.5	35.8	26.4	29.7	30.6
786	38.1	30.2	37.7	30.5	35.9	26.5	28.7	29.7
789	38.2	31,0	37.8	30.1	35.9	26.5	28.8	29.7
792	38.3	30.9	37.8	30.2	35.9	26.5	29.7	30.2
795	38.2	31.1	37.9	30.1	35.9	26.6	29.7	30.3
798	38.2	30.1	37.8	30.1	35.9	26.6	29.6	29.7
801	38.2	30.8	37.8	30.8	35.9	26.6	29.5	30.4
804	38.2	30.8	37.8	30.7	35.9	26.6	29.4	30.4
807	38.4	30.8	37.8	30.6	35.9	26.6	29.3	30.3
810	38.5	30.8	37.8	30.5	35.9	26.6	29.3	30.2
813	38.5	30.8	37.8	30.5	35.9	26.8	29.4	30.2
816	38.5	30.9	37.8	30.5	36,0	26.9	29.3	30.2
819	38.6	31,0	37.9	30.5	36,0	27.2	29.2	30.2

822	38.7	30.9	38,0	30.5	36,0	27.7	29.4	30.1
825	38.7	31,0	38,0	30.5	36,0	27.9	29.5	30.8
828	38.6	31.2	38,0	31.3	36,0	28.4	29.6	30.9
831	38.6	31.4	38,0	31.3	36,0	28.6	29.5	30.9
834	38.6	31.4	38,0	31.3	36,0	28.8	29.5	30.9
837	38.6	31.4	37.9	31.3	36.1	28.8	29.4	30.9
840	38.5	31.5	37.9	31.2	36.1	28.9	29.3	30.9
843	38.5	31.6	37.9	31.2	36.1	28.9	29.2	30.9
846	38.5	31.6	37.9	31.1	36.1	28.9	29.1	30.8
849	38.6	31.5	38,0	31.1	36.1	28.9	29.1	30.8
852	38.3	31.6	38.1	31.1	36.1	29,0	29.3	31.3
855	38.4	31.2	38.1	30.6	36.1	29,0	29.2	30.7
858	38.2	31.3	38.2	30.7	36.1	29,0	29.9	30.7
861	38.9	31.4	38.3	30.7	36.1	29,0	29.1	31.6
864	38.2	31.4	38.3	30.8	36.1	29,0	29.9	30.6
867	38.3	31.3	37.8	30.7	36,0	27.7	29.1	30.6

BEBAN 3.8

NHP WHP NHP WHP NHP WHP NHP WHP

waktu (second)	T1 (°C)		T2 (°C)		T3 (°C)		T4 (°C)	
	NHP	WHP	NHP	WHP	NHP	WHP	NHP	WHP
3	33.2	27,0	32.9	27.2	31.6	25.2	27.5	28.4

6	32.4	27.1	32.8	27.2	31.5	25.2	27.6	28.3
9	32.4	27.1	32,0	27.2	31.4	25.1	27.6	26.4
12	32.3	27.1	32,0	27.2	31.4	25.1	27.5	27,0
15	32.3	27.1	32,0	27.1	31.2	25,0	27.5	27,0
18	31.5	27,0	31.9	27.1	31.1	24.9	27.5	26.1
21	31.5	27,0	31.8	27,0	31,0	24.7	27.3	25.8
24	31.6	26.7	31.8	26.8	30.9	24.7	27.2	26.9
27	31.6	26.6	31.7	26.7	30.7	24.6	27,0	27,0
30	31.6	26.5	31.7	26.6	30.7	24.5	26.9	25.6
33	31.7	26.4	31.5	26.5	30.6	24.5	26.8	25.8
36	31.8	26.3	31.4	26.5	30.5	24.5	26.7	26.8
39	31.8	26.3	31.4	26.5	30.5	24.6	26.7	26.5
42	31.6	26.3	31.4	26.5	30.5	24.6	26.8	26.6
45	32.3	26.4	31.9	26.5	30.5	24.7	26.8	26.9
48	31.8	26.5	31.9	26.7	30.6	24.7	27,0	26,0
51	32.4	26.6	32.1	26.7	30.7	24.8	27,0	26.9
54	32.2	26.6	32.1	26.7	30.7	24.8	27,0	25.8
57	32.6	26.6	32,0	26.7	30.7	24.8	27,0	25.9
60	32.7	26.6	32,0	26.7	30.9	24.8	27.1	26.8
63	32.6	26.7	32,0	26.8	30.9	24.7	27.1	25.9
66	32.6	26.6	32,0	26.7	31,0	24.7	27.1	26.7
69	32.7	26.5	32.1	26.7	31.1	24.6	27,0	26.8

72	32.7	26.5	32.1	26.7	31.1	24.6	27,0	26.1
75	32.6	26.5	32.2	26.7	31.2	24.6	26.9	26.1
78	32.6	26.5	32.2	26.7	31.2	24.6	26.9	26.7
81	32.6	26.5	32.3	26.6	31.2	24.6	26.8	26.7
84	32.6	26.5	32.3	26.6	31.2	24.6	26.8	26.7
87	32.5	26.6	32.2	26.6	31.2	24.6	26.9	26.6
90	32.5	26.6	32.2	26.7	31.2	24.6	27,0	26.5
93	32.5	26.7	32.2	26.8	31.3	24.5	27.1	26.4
96	32.7	26.7	32.2	26.8	31.3	24.5	27.2	26.3
99	32.7	26.7	32.3	26.8	31.5	24.4	27.2	26.1
102	33,0	26.7	32.5	26.8	31.6	24.4	27.1	26.1
105	33.3	26.5	32.7	26.7	31.9	24.4	27,0	26.1
108	33.8	26.4	33.2	26.6	32.3	24.4	26.8	26.2
111	34.2	26.4	33.5	26.5	32.4	24.5	26.8	26.5
114	34.7	26.5	34,0	26.6	32.8	24.5	26.8	26.7
117	35.2	26.4	34.2	26.5	33,0	24.6	26.8	26.8
120	35.4	26.4	34.6	26.5	33.3	24.7	26.7	27,0
123	35.7	26.5	34.7	26.6	33.4	24.8	26.8	27,0
126	35.9	26.6	35,0	27.2	33.7	24.9	27,0	27.1
129	36.1	26.7	35.3	27.3	33.8	25,0	27.1	27.1
132	36.1	26.8	35.4	27.2	34,0	25,0	27.2	27,0
135	37,0	26.8	35.6	27.2	34.2	25,0	27.3	27,0

138	37.1	27,0	35.7	27.2	34.3	25,0	27.4	27.4
141	37,"	27,0	35.9	27,0	34.4	25,0	27.4	26.5
144	37.1	27,0	35.9	27,0	34.5	25.1	27.4	26.6
147	37.7	27,0	36.7	27.4	34.6	25.1	28,0	27.3
150	38,0	27,0	36.7	27.5	34.7	25.1	28.1	27.3
153	36.9	27,0	36.1	27.5	34.8	25.2	28,0	26.7
156	37.7	27,0	36.7	27.4	34.9	25.3	28,0	27.3
159	37.7	27.1	36.7	27.5	35,0	25.3	27.9	27.6
162	37,0	27.7	36.7	27.6	35,0	25.3	27.9	26.9
165	37.8	26.7	36.8	26.8	35.1	25.4	27.8	27.7
168	36.8	26.8	36.3	28,0	35.1	25.4	27.8	26.7
171	36.8	26.9	36.3	27.1	35,0	25.4	27.8	27.7
174	36.6	27,0	36.1	27.2	34.8	25.4	27.8	27.7
177	36.2	27,0	36,0	27.2	34.7	25.4	27.8	27.5
180	36,0	27,0	35.6	27.3	34.3	25.5	27.8	27.3
183	35.6	27.1	35.5	27.4	34.1	25.4	27.8	27.2
186	35.4	27.2	35,0	27.5	33.7	25.4	27.9	27,0
189	34.9	27.2	34.6	27.4	33.5	25.3	27.9	26.9
192	34.7	27.2	34.4	27.4	33.2	25.3	28,0	26.8
195	34.4	27.2	34.1	27.5	33.1	25.2	28.1	26.8
198	34.3	27.2	34,0	27.5	32.8	25.2	28.1	26.9
201	34,0	27.1	33.7	27.4	32.6	25,0	28,0	26.9

204	33.9	26.9	33.6	27.3	32.5	24.9	28,0	26.9
207	33.9	26.8	33.5	27.1	32.4	24.8	27.8	27.1
210	33.9	26.7	33.5	27,0	32.4	24.8	27.7	27.1
213	34,0	26.6	33.4	27,0	32.4	24.7	27.6	27.3
216	34.1	26.6	33.4	26.8	32.4	24.7	27.5	27.3
219	34.2	26.5	33.5	26.8	32.5	24.8	26.9	27.2
222	34.4	26.5	33.8	26.7	32.6	24.8	26.9	27.2
225	34.5	26.8	33.9	26.7	32.8	24.8	27.4	27,0
228	34.7	25.8	34.2	26.6	33.1	24.8	26.6	26.9
231	34.9	26.9	34.3	26.6	33.3	24.8	27.4	26.8
234	36.4	26.9	34.6	26.5	33.6	24.8	26.6	26.8
237	36.5	26.8	34.9	26.8	33.7	24.8	26.7	26.9
240	36.6	26.9	35.3	26.8	34,0	24.7	27.6	27.1
243	36.7	26.3	35.5	26,0	34.2	24.7	26.5	27.2
246	36.7	26.3	35.7	26.1	34.5	24.7	26.6	27.2
249	37.8	26.4	36.9	26.2	34.6	24.7	26.7	27.5
252	37.9	26.5	37,0	26.3	34.8	24.7	26.9	27.6
255	37.8	26.6	37,0	26.4	34.9	24.7	27,0	27.6
258	37.8	26.7	37,0	26.5	35.1	24.7	27.2	27.5
261	37.8	26.7	37.1	26.6	35.3	24.7	27.3	28,0
264	37.8	27,0	37.1	27.2	35.5	24.6	27.4	26.9
267	38.5	27.1	37.3	27.2	35.6	24.6	27.5	27,0

270	38.6	27.1	37.4	26.5	35.7	24.6	27.5	28.1
273	37.9	27.1	37.5	26.5	35.9	24.6	27.4	27.1
276	39.3	27.2	37.6	26.7	36,0	24.6	27.5	28.2
279	38.7	27.3	37.8	26.8	36.1	24.6	27.7	28.1
282	39.2	27.4	37.9	27,0	36.2	24.6	27.7	28,0
285	39.3	27.4	38,0	27.1	36.3	24.7	27.8	28,0
288	39.4	27.4	38.1	27.2	36.3	24.7	27.8	27.9
291	39.4	27.3	38.2	27.2	36.4	24.7	27.8	27.2
294	39.7	27.3	38.3	27.2	36.5	24.7	27.8	28.2
297	39,0	27.1	38.3	27.1	36.5	24.8	27.7	28.1
300	39.2	27.1	38.4	27.1	36.6	24.9	27.5	28.2
303	39.2	27,0	38.4	27,0	36.6	24.9	27.5	27.6
306	39.2	27,0	38.5	27,0	36.7	25,0	27.4	27.6
309	39.3	27.1	38.5	27,"	36.8	25.1	27.5	27.6
312	39.3	27.1	38.5	27.1	36.9	25.2	27.5	27.6
315	39.4	27.2	38.6	27.2	36.9	25.4	27.5	27.6
318	40.1	27.3	38.7	27.2	37,0	25.4	27.7	28.2
321	39.1	27.5	38.7	27.4	37.1	25.5	27.9	27.7
324	40.2	27.7	38.8	27.5	37.1	25.5	28,0	27.8
327	40.1	27.7	38.8	27.6	37.2	25.6	28.2	27.3
330	40.2	27.9	38.9	27.7	37.2	25.6	28.3	28.4
333	40.2	27.9	39,0	27.7	37.3	25.6	28.4	28.4

336	39.7	27.9	39.1	27.7	37.3	25.6	28.5	28.4
339	39.8	27.8	39.1	27.7	37.3	25.7	28.4	28.4
342	39.8	27.7	39.1	27.6	37.4	25.7	28.3	28.4
345	39.8	27.7	39.2	27.6	37.4	25.7	28.2	28,0
348	40.6	27.6	39.2	27.5	37.4	25.7	28.1	28.6
351	40.2	27.6	39.2	27.5	37.5	25.7	28.1	27.4
354	40.2	27.7	39.1	27.5	37.5	25.7	28.1	27.4
357	40.2	27.7	39.2	27.5	37.5	25.8	28.1	27.6
360	40.2	27.7	39.2	27.5	37.5	25.8	28.2	27.7
363	40.3	27.8	39.3	27.6	37.5	25.8	28.3	27.9
366	40.3	27.9	39.4	27.7	37.5	25.8	28.4	28.1
369	40.4	27.9	39.4	27.8	37.5	25.9	28.4	28.2
372	40.5	27.9	39.4	27.8	37.6	25.9	28.5	28.3
375	40.5	28.1	39.4	28,0	37.6	26,0	28.6	28.2
378	40.4	28.1	39.3	28,0	37.5	26,0	28.7	28,0
381	40.4	28.2	39.3	28.1	37.5	26,0	28.8	28,0
384	40.4	28.1	39.3	28.2	37.5	26.1	28.8	28.1
387	40.4	28.1	39.3	28.2	37.5	26.1	28.8	28.1
390	39.8	28,0	39.3	28.1	37.4	26.1	28.7	28,0
393	39.9	28,0	39.3	28,0	37.4	26.1	28.6	28.3
396	40.1	27.8	39.4	27.9	37.5	26.1	28.6	28.3
399	40.1	27.7	39.3	27.9	37.4	26.2	28.4	28.1

402	40.3	27.6	39.3	27.8	37.5	26.1	28.4	28.1
405	40.3	27.6	39.3	27.7	37.4	26.1	28.3	27.3
408	40.4	27.6	39.3	27.7	37.4	26.1	28.3	28.4
411	39.9	27.6	39.4	27.7	37.4	26.1	28.3	27.5
414	40.1	27.7	39.4	27.8	37.4	26.1	28.4	28.1
417	40.2	27.9	39.4	27.8	37.5	26.1	28.5	28.2
420	40.2	28,0	39.3	27.9	37.5	26.1	28.6	27.2
423	40.2	28,0	39.3	27.9	37.4	26.1	28.6	27.3
426	40.3	28,0	39.3	28,0	37.4	26.2	28.7	27.4
429	40.4	28.2	39.3	28,0	37.4	26.2	28.7	27.5
432	40.4	28.3	39.3	28.1	37.4	26.3	28.8	27.6
435	39.5	28.2	39.2	28,0	37.4	26.3	28.4	27.7
438	38.9	28.2	39.2	27.9	37.2	26.3	28.5	27.7
441	38.8	28.1	37.7	28,0	37.1	26.4	28.5	27.7
444	38.7	28.2	37.1	28,0	36.8	26.3	28.7	27.6
447	38.4	28.2	37.1	28.1	36.4	26.3	28.8	27.6
450	38.2	28.2	37.1	28.1	36.2	26.2	28.9	27.4
453	37.7	28.2	36.9	28.2	35.7	26.2	29,0	27.4
456	37.1	28.2	36.8	28.2	35.5	26.2	29,0	27.3
459	36.9	28.2	36.5	28.1	35.1	26.1	28.9	27.3
462	36.5	28,0	36.4	28,0	34.9	26,0	28.9	27.3
465	36.4	27.9	36.1	27.9	34.6	25.9	28.6	27.5

468	36.2	27.6	35.8	27.8	34.5	25.9	28.5	27.6
471	36.1	27.5	35.7	27.7	34.2	25.9	28.4	27.6
474	36,"	27.5	35.6	27.7	34.1	25.8	28.3	27.7
477	36.1	27.4	35.5	27.7	34,0	25.7	27.8	27.9
480	36.2	27.3	35.5	27.6	33.9	25.6	27.8	28,0
483	36.1	27.3	35.5	27.6	33.9	25.5	27.8	28,0
486	36.7	27.4	35.5	27.6	33.9	25.5	27.9	28.3
489	35.9	27.4	35.6	27.5	33.9	25.4	27.9	27.8
492	36,0	27.4	35.6	27.4	33.9	25.5	27.9	27.9
495	36.1	27.5	35.6	27.4	34,0	25.6	28.1	28.5
498	36.2	27.6	35.7	27.4	34,0	25.7	28.7	28.5
501	36.2	27.8	35.7	27.5	34,0	25.9	27.5	28.4
504	36.3	27.8	35.6	27.5	34,0	26.1	28.3	28.3
507	36.3	28.6	35.6	27.6	34,0	26.3	28.4	28.2
510	36.3	28,0	35.6	27.7	34.1	26.5	28.3	28,0
513	36.3	28,0	35.7	27.7	34,0	26.6	28.2	27.9
516	36.3	28.1	35.6	27.8	34,0	26.7	28.2	27.9
519	36.3	28.2	35.7	27.9	34,0	26.8	28.9	28,0
522	36.3	28.3	35.8	28.1	34,0	26.8	28.9	28.1
525	36.3	28.4	35.8	28.2	34,0	26.8	28.9	27.9
528	36.2	28.5	35.8	28.2	34,0	26.7	28.9	27.9
531	36.2	28.5	35.8	28.2	34,0	26.7	28.7	27.9

534	36.3	28.6	35.9	28.2	34,0	26.6	28.6	28,0
537	36.4	28.6	35.9	28.2	34,0	26.7	28.5	28.1
540	36.3	28.6	35.8	28.2	34,0	26.6	28.6	28.1
543	36.3	28.4	35.8	28.2	34,0	26.6	28.5	28.1
546	36.3	28.4	35.7	28.1	34,0	26.6	28.4	28.1
549	36.2	28.4	35.7	28.2	34,0	26.7	28.4	28,0
552	36.1	28.5	35.6	28.2	33.9	26.7	28.6	27.9
555	36,0	28.4	35.6	28.2	33.9	26.7	28.6	27.8
558	35.9	28.4	35.5	28.2	33.9	26.8	29,0	27.8
561	36,0	28.5	35.6	28.3	33.8	26.9	29.1	27.9
564	36.1	28.5	35.6	28.3	33.8	26.9	28.3	27.8
567	36.1	28.5	35.7	28.3	33.8	27,0	28.4	27.9
570	36.2	28.6	35.7	28.3	33.9	27,0	28.5	28.1
573	36.2	28.6	35.7	28.4	33.9	27,0	28.6	28.1
576	36.3	28.6	35.8	28.4	33.9	27,0	28.5	28.9
579	36,0	28.6	35.8	28.3	34,0	26.9	28.5	27.6
582	36.1	28.6	35.8	28.2	34,0	26.9	28.5	28.2
585	36.2	28.6	35.9	28.2	34.1	26.8	28.5	28.3
588	36.2	28.5	35.8	28.2	34,0	26.8	28.4	27.9
591	36.2	28.4	35.8	28.1	34.1	26.7	28.4	27.9
594	36.2	28.4	35.8	28.1	34,0	26.8	28.4	27.9
597	36.2	28.5	35.8	28.2	34,0	26.8	28.5	27.9

600	36.3	28.6	35.8	28.3	34,0	26.7	28.7	28,0
603	36.3	28.7	35.8	28.4	34,0	26.7	28.7	28,0
606	36.2	28.7	35.7	28.5	33.9	26.5	28.8	28.3
609	36.2	28.7	35.7	28.5	33.9	26.5	28.8	27.8
612	35.7	28.7	35.7	28.5	33.9	26.5	28.8	28.5
615	36,0	28.7	35.7	28.4	33.8	26.5	28.8	28.5
618	36,0	28.7	35.6	28.3	33.8	26.6	28.7	27.7
621	36.6	28.6	35.6	28.2	33.8	26.7	28.6	28.7
624	35.9	28.5	35.6	28.1	33.9	26.7	28.5	28,0
627	36.8	28.5	35.6	28.1	33.9	26.8	28.4	28.4
630	36.8	28.5	35.7	28.1	34,0	26.8	28.4	28.5
633	36.2	28.5	35.7	28.2	34.1	26.7	28.5	27.6
636	36.2	28.7	35.8	28.3	34.1	26.7	28.6	27.7
639	36.3	28.8	35.9	28.4	34.1	26.7	28.8	27.8
642	36.5	29,0	36,"	28.6	34.1	26.7	28.9	28,0
645	36.5	29.1	36,0	28.7	34.2	26.8	29.1	28.1
648	36.5	29.2	36,0	28.8	34.2	26.8	29.1	28.1
651	36.5	28.6	36,0	28.8	34.2	26.8	29.1	28.1
654	36.7	28.7	36.1	28.7	34.2	26.9	29.1	28.2
657	36.8	28.7	36.1	28.7	34.2	26.9	29,0	28.2
660	36.3	28.7	36,0	28.6	34.2	26.9	28.9	28.1
663	36.3	28.8	36,0	28.5	34.2	26.8	28.8	28,0

666	36.5	28.8	36.1	28.5	34.3	26.7	28.9	28,0
669	36.6	28.9	36.2	28.6	34.3	26.6	28.9	28.2
672	36.7	29,0	36.2	28.7	34.4	26.6	29,0	28.2
675	36.7	29,0	36.2	28.4	34.4	26.5	29,0	28.1
678	36.7	29,0	36.2	28.4	34.4	26.6	29.1	28.1
681	36.7	29.4	36.2	29.1	34.4	26.6	29.1	28.1
684	36.6	28.8	36.1	29,0	34.4	26.6	28.6	28,0
687	36.5	28.9	36,0	29,0	34.4	26.7	28.7	27.9
690	36.4	29.8	35.9	29,0	34.3	26.8	29.5	27.8
693	36.3	29.1	35.9	28.9	34.2	26.8	28.7	27.8
696	36.3	29.4	35.9	28.9	34.2	26.8	28.8	27.9
699	36.4	28.6	36,0	28.3	34.2	26.7	28.8	28,0
702	36.5	29.5	36,0	28.5	34.2	26.7	29.3	28.2
705	36.6	29.5	36.1	28.6	34.2	26.7	29.4	28.4
708	36.7	29.4	36.1	28.6	34.2	26.7	29.3	28.4
711	36.6	29.3	36.1	28.6	34.2	26.6	29.2	28.4
714	36.6	29.2	36.1	28.6	34.2	26.6	29.1	28.3
717	36.6	29.1	36.1	28.6	34.3	26.6	29,0	28.4
720	36.5	29.1	36,0	28.7	34.3	26.6	29,0	27.6
723	36.8	29,0	36,0	28.6	34.2	26.6	29,0	28.4
726	35.8	29.4	35.9	28.6	34.2	26.5	29,0	27.8
729	35.9	28.8	35.9	28.6	34.2	26.5	28.7	28.5

732	36.1	29.5	35.9	28.7	34.2	26.5	29.3	28.5
735	36.1	28.8	35.9	28.7	34.2	26.6	28.6	27.9
738	36.8	29.2	35.9	28.6	34.2	26.6	29.4	28.5
741	36.8	29.3	35.9	29.1	34.2	26.6	29.5	28.5
744	36.8	29.3	35.9	29.1	34.2	26.6	29.4	28.4
747	36.7	29.2	36,0	29,0	34.2	26.7	29.4	28.4
750	36.6	29.2	36,0	29,0	34.1	26.8	29.2	28.3
753	36.6	29.1	36.1	28.8	34.1	26.8	29.1	28.4
756	36.6	29,0	36.1	28.8	34.1	26.8	29.1	28.4
759	36.6	28.9	36.1	28.7	34.1	26.8	28.9	28.4
762	36.5	28.8	36.1	28.6	34.1	26.8	28.9	27.8
765	36.4	28.8	36,0	28.6	34.1	26.8	28.8	28.3
768	36.4	28.8	35.9	28.5	34.1	26.8	28.8	28.4
771	36.4	28.8	35.8	28.5	34,0	26.6	29,0	27.9
774	36.6	29.5	35.7	28.6	34,0	26.6	29.1	28.9
777	36.6	28.6	35.6	28.6	34,0	26.6	28.7	28,0
780	36.5	28.7	36,0	28.6	34,0	26.6	28.8	28.7
783	36.4	28.8	35.4	28.6	34,0	26.6	28.9	27.9
786	36.7	28.9	36,0	28.7	34,0	26.6	28.9	28.4
789	36.8	28.9	36.1	28.6	34,0	26.6	28.9	28.5
792	36.6	28.9	36,0	28.6	34,0	26.6	28.9	28.4
795	36.6	29,0	36,0	28.6	34,0	26.6	28.9	28.2

798	36.4	29.1	35.9	28.6	34,0	26.5	29,0	28.1
801	36.3	29,0	35.9	28.5	34,0	26.5	28.9	28.1
804	36.3	29,0	35.8	28.5	34.1	26.5	28.8	28.1
807	36.3	29,0	35.8	28.6	34.1	26.6	28.8	28.1
810	36.4	29.1	35.9	28.6	34.2	26.6	29.3	28.2
813	36.5	29.1	35.9	28.6	34.2	26.6	28.7	28.3
816	36.5	29.1	35.9	28.6	34.2	26.6	29.1	28.3
819	36.6	29,0	36,0	29.1	34.2	26.6	29.2	28.3
822	36.6	29,0	36,0	29,0	34.2	26.7	28.4	28.6
825	36.6	29,0	36,0	28.9	34.2	26.6	28.5	27.5
828	36.5	29,0	36,0	28.9	34.2	26.6	28.6	28.6
831	36.5	29,0	36,0	28.8	34.1	26.5	28.8	27.7
834	36.9	29,0	36,0	28.7	34.1	26.4	28.8	28.7
837	36.9	28.9	36.1	28.6	34.1	26.4	28.8	28.5
840	36.2	28.9	36.1	28.6	34.1	26.4	28.8	28.5
843	37,0	28.9	36.1	28.6	34.1	26.4	29.3	28.7
846	36.3	29,0	36.1	28.6	34.2	26.3	29.1	27.7
849	36.3	28.9	36.1	28.6	34.2	26.4	29.1	27.6
852	36.4	29.3	36.1	29,0	34.1	26.5	29,0	28.8
855	36.4	29.3	36.1	29.1	34.1	26.5	29,0	28.7
858	36.4	29.2	36,0	28.4	34.1	26.5	28.5	28.7
861	36.5	29.2	36,0	29.2	34.1	26.6	28.6	28,0

864	36.9	29.2	36.4	29.1	34.1	26.7	28.9	28.9
867	36.2	28.8	36.4	29,0	34.1	26.8	28.9	28.9