

Table 1: Compilation of Data Concerning the Smoke Condensate of Various Long-term Experiments
 JANUS B

(Status 1st of May 1971)

Cig. Exper.	Number of smoking days per experiment	Number of cigarettes smoked during whole E	Σ ki per whole E	RC mg/Cig. mean value per whole E	DC mg/Cig. mean value per whole E	f-factor	f-factor incorporated	Nicotine mg/Cig. mean value of all measured values	Baked tar mg/Cig. mean value of all measured values	Pressure drop mean value per experiment
B0/B0 35 ml	414	342,864	18,796.6	56.4	35.4	0.679	0.680-0.681	3.05	19.0	9.4
B1/B0 10 ml	315	241,824	4,949.3	20.8	14.0	0.704	0.703-0.709	1.28	7.7	2.3
B1/D0 25 ml	366	153,792	6,807.0	45.0	29.4	0.692	0.696-0.697	2.56	15.9	6.5
B1/D0 50 ml	380	128,328	8,503.5	67.6	41.0	0.649	0.646-0.648	3.63	21.5	13.3
B2/B2 35 ml	455	603,696	21,709.1	35.9	20.9	0.586	0.584-0.585	1.69	10.6	10.0
B3/B3 35 ml	437	558,000	24,037.2	43.6	26.0	0.608	0.605-0.608	1.16	13.2	7.8
B4/B4 35 ml	452	510,864	20,232.7	39.8	24.3	0.646	0.640-0.645	1.40	12.7	8.2
B5/B0 35 ml	365	117,240	6,762.3	57.7	39.2	0.683	0.684-0.691	3.32	20.1	8.8
B5/B2 35 ml	380	213,864	7,701.4	36.1	20.5	0.586	0.583-0.585	1.69	10.3	10.0
B5/B3 35 ml	442	218,880	9,425.6	43.9	25.8	0.617	0.617-0.621	1.19	12.6	7.7
B5/B0tr 35 ml	380	109,056	8,709.1	83.5	48.2	0.657	0.644-0.655	4.00	24.6	8.8
B6/3(c) 35 ml	393	117,624	7,063.7	60.2	43.1	0.723	0.719-0.721	3.74	21.6	8.5
B7/1(a) 35 ml	386	127,008	7,339.8	57.8	38.1	0.654	0.654-0.659	3.32	18.4	8.0

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Table 2: Compilation of Data Concerning Cigarette B0 Smoked With Different Puff Volumes

Experiment	ml puff volume	RC mg/Cig. mean value per EM (arithm.)	DC mg/Cig. mean value per EM (arithm.)	f-factor (DC:RC) per EM	f-factor incorporated	Nicotine mg/Cig. mean value per EM	Baked tar mg/Cig.	Pressure drop measurements mean value of 100 Cig.
B 1	10	<u>20.8</u> 2.7/12.8 N = 315	<u>14.0</u> 2.6/18.8 N = 81	<u>0.704</u>	<u>0.708-</u> <u>0.709</u>	<u>1.28</u> 0.2/17.4 N = 126	<u>7.7</u> 1.4/17.7 N = 132	<u>2.3</u> 0.2/7.0 N = 8
B 1	25	<u>45.0</u> 3.6/7.9 N = 36	<u>29.4</u> 2.6/9.0 N = 89	<u>0.692</u>	<u>0.696-</u> <u>0.697</u>	<u>2.56</u> 0.3/13.3 N = 146	<u>15.9</u> 2.6/162 N = 143	<u>6.5</u> 0.4/6.3 N = 8
B 0	35	<u>56.4</u> 4.7/8.3 N = 414	<u>35.4</u> 3.4/9.5 N = 139	<u>0.679</u>	<u>0.680-</u> 0.681	<u>3.05</u> 0.3/11.1 N = 162	<u>19.0</u> 2.5/13.1 N = 154	<u>9.4</u> 0.6/6.5 N = 10
B 5	35	<u>57.7</u> 2.9/5.0 N = 365	<u>39.2</u> 2.3/5.9 N = 74	<u>0.683</u>	<u>0.684-</u> <u>0.691</u>	<u>3.32</u> 0.3/9.7 N = 115	<u>20.1</u> 2.5/12.6 N = 116	<u>8.8</u> 0.4/4.6 N = 8
B 5	triple 35	<u>83.5</u> 13.7/16.4 N = 380	<u>48.2</u> 8.7/17.9 N = 63	<u>0.657</u>	<u>0.644-</u> <u>0.655</u>	<u>4.00</u> 0.6/15.8 N = 110	<u>24.61</u> 4.0/16.1 N = 92	<u>8.8</u> 0.4/5.0 N = 14
B 1	50	<u>67.6</u> 5.7/8.5 N = 380	<u>41.0</u> 3.8/9.3 N = 88	<u>0.649</u>	<u>0.646-</u> <u>0.648</u>	<u>3.63</u> 0.4/11.5 N = 142	<u>21.5</u> 2.6/13.8 N = 138	<u>13.3</u> 0.4/3.1 N = 7

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Table 3: Comparison of Data Concerning Cigarettes Smoked at Different Time Intervals

	Puff volume	RC mg/Cig.	DC mg/Cig.	f-factor	f-factor incorporated	Nicotine mean value of all measured values mg/Cig.	Baked tar mean value of all measured values mg/Cig.	
1)	B3/B3	35 ml	43.6	26.0	0.608	0.605-0.608	1.16	13.2
	B5/B3	35 ml	43.9	25.8	0.617	0.617-0.621	1.19	12.6
2)	B2/B2	35 ml	35.9	20.9	0.586	0.584-0.585	1.69	10.6
	B5/B2	35 ml	36.1	20.5	0.586	0.583-0.585	1.69	10.3
3)	B0/B0	35 ml	56.4	35.4	0.679	0.680-0.681	3.05	19.0
	B5/B0	35 ml	57.7	39.2	0.683	0.684-0.691	3.32	20.1

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Compilation of data concerning the smoke condensate
of various long term experiments YAGUS B
STARTS JULY 1971

Cigarette Experiment	number of smoking days per experiment	number of cigarettes smoked during whole experiment	Σ ki per whole experiment	RE mg/Cy mean value per whole c.	DE mg/Cy mean value per whole c.	F factor incorporated	mg/Cy mean value of all measurements	mg/Cy mean value of all measurements	mean value per experiment		
							Nicotine	tar	pressure drop		
30/30 35ml	414	342,864	18,796.6	56.4	35.4	0.679-0.680-0.681	3.05	19.0	9.4	x	*
31/30 10ml	315	241,824	4,949.3	20.8	14.0	0.704-0.708-0.709	1.28	7.7	2.3	x	*
31/30 25ml	366	153,792	6,807.0	45.0	29.4	0.692-0.697	2.56	15.9	6.5		*
31/30 50ml	380	128,328	8,503.5	67.6	41.0	0.649-0.648	3.63	21.5	13.3		*
32/32 35ml	455	603,696	21,709.1	35.9	20.9	0.586-0.584-0.585	1.69	10.6	10.0	o	
33/33 35ml	437	558,000	24,037.2	43.6	26.0	0.608-0.605-0.608	1.16	13.2	7.8	-	
34/34 35ml	452	510,864	20,232.7	39.8	24.3	0.646-0.640-0.645	1.40	12.7	8.2		
35/30 35ml	365	117,240	6,762.3	57.7	39.2	0.683-0.684-0.691	3.32	20.1	8.8	x	*
35/32 35ml	380	213,864	7,701.4	36.1	20.6	0.586-0.583-0.585	1.69	10.3	10.0	o	
35/33 35ml	442	218,880	9,425.6	43.9	25.8	0.617-0.617-0.621	1.19	12.6	7.7		
35/30fr 35ml	380	109,056	8,709.1	83.5	48.2	0.657-0.644-0.655	4.00	24.6	8.8		*
36/11d 35ml	413	112,680	6,887.6	61.1	41.0	0.665-0.666-0.667	4.15	17.6	6.2		*
36/12h 35ml	408	115,996	7,458.1	64.1	44.7	0.691-0.689-0.691	4.19	20.6	6.4		*
36/3c 35ml	393	117,624	7,063.7	60.2	43.1	0.723-0.719-0.721	3.74	21.6	8.5		*
37/4c 35ml	386	127,008	7,339.8	57.8	38.1	0.654-0.654-0.659	3.32	18.4	8.0		*
37/11b 35ml	412	138,624	7,772.4	57.3	38.6	0.689-0.689-0.691	3.12	19.1	9.3		*
37/3c 35ml	436	146,904	7,567.8	51.7	35.8	0.698-0.697-0.699	2.58	17.7	8.7		*

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