

Datos C

Estudio de Tiempos y Movimientos

C. Estudio de Tiempos y Movimientos

Datos Registrados

Estudio No. 1

SAN SALVADOR

Tipo de vehículo: 18yd³

Equipo No.63

No. de viajes: 2

Fecha: 7 Feb. 2000

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio (hora)	Fin (hora)	Tiempo (hora)	Inicio (km)	Fin (km)	Distancia (km)	
1	t1	0	0	0	0	0.0483	0.0483	2.5	2.5	0	
2	t2		2	54	0.0483	0.3164	0.2681	2.5	3.5	1	
3	t3		18	59	0.3164	0.5083	0.1919	3.5	4.8	1.3	
	t3		30	30	0.5083	0.7386	0.2303	4.8	5.6	0.8	
	t3		44	19	0.7386	0.7747	0.0361	5.6	5.8	0.2	
4	t6		46	29	0.7747	0.7867	0.0119	5.8	5.8	0	
5	t3		47	12	0.7867	0.8892	0.1025	5.8	7	1.2	
	t3		53	21	0.8892	1.1992	0.31	7	9.4	2.4	
	t3	1	11	57	1.1992	1.2158	0.0167	9.4	9.8	0.4	
	t3	1	12	57	1.2158	1.8372	0.6214	9.8	12.1	2.3	
	t3	1	50	14	1.8372	1.8761	0.0389	12.1	13.4	1.3	
6	t4	1	52	34	1.8761	2.5217	0.6456	13.4	13.6	0.2	
7	t4	2	31	18	2.5217	2.5319	0.0103	13.6	25.9	12.3	
8	t5	2	31	55	2.5319	2.5917	0.0597	25.9	27	1.1	
9	t5	2	35	30	2.5917	2.6061	0.0144	27	27.5	0.5	13,240
10	t4	2	36	22	2.6061	3.1292	0.5231	27.5	27.9	0.4	
	t4	3	7	45	3.1292	3.4419	0.3128	27.9	40	12.1	
11	t3	3	26	31	3.4419	3.5244	0.0825	40	41	1	
	t3	3	31	28	3.5244	3.5336	0.0092	41	41.9	0.9	
12	t3	3	32	1	3.5336	3.9558	0.4222	41.9	42.5	0.6	
13	t3	3	57	21	3.9558	4.1619	0.2061	42.5	42.6	0.1	
	t3	4	9	43	4.1619	4.2592	0.0972	42.6	42.7	0.1	
	t3	4	15	33	4.2592	4.2772	0.0181	42.7	42.8	0.1	
	t3	4	16	38	4.2772	4.3608	0.0836	42.8	43.1	0.3	
	t3	4	21	39	4.3608	4.3939	0.0331	43.1	43.5	0.4	
14	t4	4	23	38	4.3939	4.7464	0.3525	43.5	46.5	3	
15	t4	4	44	47	4.7464	4.7769	0.0306	46.5	62.8	16.3	
16	t5	4	46	37	4.7769	4.8539	0.0769	62.8	63.5	0.7	11,480
17	t4	4	51	14	4.8539	5.2147	0.3608	63.5	89.9	26.4	
		5	12	53	5.2147	0	0				
Total							5.2147			87.4	24,720

Datos C

Estudio No. 2

SAN SALVADOR

Equipo No.58

Fecha: 16 Feb. 2000

Tipo de vehículo: 18yd³

No. de viajes: 2

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio	Fin	Tiempo	Inicio	Fin	Distancia	
					(hora)	(hora)	(hora)	(km)	(km)	(km)	
	t1	0	0	0	0	0.0558	0.0558	931.7	931.7	0	
1	t2		3	21	0.0558	0.2039	0.1481	934.5	939	4.5	
2	t3		12	14	0.2039	0.5758	0.3719	939	939.5	0.5	
3	t3		34	33	0.5758	0.6067	0.0308	939.5	940	0.5	
4	t3		35	84	0.6067	1.1092	0.5025	940	941	1	
5	t3	1	6	33	1.1092	1.1172	0.0081	941	943.5	2.5	
6	t3	1	7	2	1.1172	1.7878	0.6706	943.5	944.1	0.6	
7	t4	1	47	16	1.7878	2.0056	0.2178	944.1	952.5	8.4	
8	t4	2	0	20	2.0056	2.0575	0.0519	952.5	952.5	0	
9	t4	2	3	27	2.0575	2.1419	0.0844	952.5	956.6	4.1	
10	t5	2	8	31	2.1419	2.1719	0.03	956.6	956.6	0	
11	t5	2	10	19	2.1719	2.2128	0.0408	956.6	957.7	1.1	
12	t5	2	12	46	2.2128	2.2836	0.0708	957.7	958	0.3	12,020
13	t4	2	17	1	2.2836	2.6086	0.325	958	970.7	12.7	
14	t3	2	36	31	2.6086	2.6553	0.0467	970.7	972.2	1.5	
15	t3	2	39	19	2.6553	2.6664	0.0111	972.2	973	0.8	
16	t3	2	39	59	2.6664	2.8175	0.1511	973	974.8	1.8	
17	t6	2	49	3	2.8175	2.8978	0.0803	974.8	974.8	0	
18	t3	2	53	52	2.8978	3.9017	1.0039	974.8	975	0.2	
19	t4	3	54	6	3.9017	4.4756	0.5739	975	977.2	2.2	
20	t4	4	28	32	4.4756	4.5189	0.0433	977.2	1000	22.8	
21	t5	4	31	8	4.5189	4.6008	0.0819	1000	1000	0	7,400
22	t4	4	36	3	4.6008	5.1342	0.5333	1000	1006.7	6.7	
23	t4	5	8	3	5.1342	5.1556	0.0214	1006.7	1027.1	20.4	
		5	9	20	5.1556	0	0	1027.1			
Total							5.1556			92.6	19,420

Estudio No. 3

SAN SALVADOR

Equipo No.26

Fecha: 18 Feb. 2000

Tipo de vehículo: 18yd³

No. de viajes: 1

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio	Fin	Tiempo	Inicio	Fin	Distancia	
					(hora)	(hora)	(hora)	(km)	(km)	(km)	
1	t1		0	0	0	0.1239	0.1239	389	389	0	
2	t2		7	26	0.1239	0.275	0.1511	389	390.15	1.15	
3	t3		16	30	0.275	0.3722	0.0972	390.2	390.2	0	
4	t3		22	20	0.3722	0.3894	0.0172	390.2	390.3	0.1	
5	t3		23	22	0.3894	0.4722	0.0828	390.3	390.3	0	
6	t3		28	20	0.4722	0.5014	0.0292	390.3	391.4	1.1	
7	t3		30	5	0.5014	0.5122	0.0108	391.4	391.6	0.2	

Datos C

8	t3		30	44	0.5122	0.5244	0.0122	391.6	391.8	0.2	
9	t3		31	28	0.5244	0.5514	0.0269	391.8	391.8	0	
10	t3		33	5	0.5514	0.5708	0.0194	391.8	391.9	0.1	
11	t3		34	15	0.5708	0.5853	0.0144	391.9	391.9	0	
12	t3		35	7	0.5853	0.5928	0.0075	391.9	392.1	0.2	
13	t3		35	34	0.5928	0.6131	0.0203	392.1	392.9	0.8	
14	t3		36	47	0.6131	0.69	0.0769	392.9	393	0.1	
15	t3		41	24	0.69	0.6978	0.0078	393	393.2	0.2	
16	t3		41	52	0.6978	0.74	0.0422	393.2	393.4	0.2	
17	t3		44	24	0.74	0.7683	0.0283	393.4	393.5	0.1	
18	t3		46	6	0.7683	0.7958	0.0275	393.5	393.7	0.2	
19	t3		47	45	0.7958	0.8133	0.0175	393.7	393.8	0.1	
20	t3		48	48	0.8133	0.8239	0.0106	393.8	394	0.2	
21	t3		49	26	0.8239	0.8294	0.0056	394	394.6	0.6	
22	t3		49	46	0.8294	0.9656	0.1361	394.6	394.8	0.2	
23	t3		57	56	0.9656	0.9714	0.0058	394.8	395	0.2	
24	t3		58	17	0.9714	0.9967	0.0253	395	395.5	0.5	
25	t3		59	48	0.9967	1.0139	0.0172	395.5	395.5	0	
26	t3	1	0	50	1.0139	1.0831	0.0692	395.5	398.8	3.3	
27	t3	1	4	59	1.0831	1.6767	0.5936	398.8	399	0.2	
28	t3	1	40	36	1.6767	1.7256	0.0489	399	400.3	1.3	
29	t3	1	43	32	1.7256	1.9983	0.2728	400.3	400.7	0.4	
30	t3	1	59	54	1.9983	2.0939	0.0956	400.7	400.8	0.1	
31	t3	2	5	38	2.0939	2.1617	0.0678	400.8	401	0.2	
32	t3	2	9	42	2.1617	2.3781	0.2164	401	402	1	
33	t3	2	22	41	2.3781	2.3844	0.0064	402	402.5	0.5	
34	t3	2	23	4	2.3844	2.5114	0.1269	402.5	403	0.5	
35	t3	2	30	41	2.5114	2.6111	0.0997	403	403.1	0.1	
36	t3	2	36	40	2.6111	2.6181	0.0069	403.1	404.3	1.2	
37	t3	2	37	5	2.6181	2.805	0.1869	404.3	404.4	0.1	
38	t3	2	48	18	2.805	2.8542	0.0492	404.4	404.6	0.2	
39	t6	2	51	15	2.8542	2.8656	0.0114	404.6	404.9	0.3	
40	t3	2	51	56	2.8656	2.8794	0.0139	404.9	405.1	0.2	
41	t3	2	52	46	2.8794	2.8833	0.0039	405.1	405.4	0.3	
42	t4	2	53	0	2.8833	2.9942	0.1108	405.4	405.8	0.4	
43	t4	2	59	39	2.9942	3.4528	0.4586	405.8	419	13.2	
44	t5	3	27	10	3.4528	3.4597	0.0069	419	419	0	
45	t5	3	27	35	3.4597	3.4717	0.0119	419	419	0	
46	t5	3	28	18	3.4717	3.4931	0.0214	419	419.3	0.3	
47	t5	3	29	35	3.4931	3.5047	0.0117	419.3	419.3	0	
48	t5	3	30	17	3.5047	3.6325	0.1278	419.3	419.5	0.2	
49	t4	3	37	57	3.6325	4.055	0.4225	419.5	435	15.5	18,040
			4	3	18	4.055	0	0			
Total							4.055			45.95	18,040

Datos C

Estudio No. 4

NUEVA SAN SALVADOR

Equipo No. 2

Fecha: 8 Feb. 2000

Tipo de vehículo: 18yd³

No. de viajes: 1

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
					Inicio	Fin	Tiempo	Inicio	Fin	Distancia	
		H	M	S	(hora)	(hora)	(hora)	(km)	(km)	(km)	
1	t1	0	0	0	0	1.3194	1.3194			0.00	
2	t2	1	19	10	1.3194	1.4231	0.1036			1.61	
3	t3	1	25	23	1.4231	2.8222	1.3992			3.22	
4	t3	2	49	20	2.8222	2.8364	0.0142			1.61	
5	t3	2	50	11	2.8364	2.9556	0.1192			1.61	
6	t3	2	57	20	2.9556	3.0014	0.0458			1.61	
7	t3	3	0	5	3.0014	3.5242	0.5228			0.00	
8	t3	3	31	27	3.5242	3.5528	0.0286			0.00	
9	t3	3	33	10	3.5528	4.0258	0.4731			0.00	
10	t3	4	1	33	4.0258	4.0881	0.0622			1.61	
11	t6	4	5	17	4.0881	4.2928	0.2047			1.61	
12	t4	4	17	34	4.2928	5.1069	0.8142			41.84	
13	t5	5	6	25	5.1069	5.1697	0.0628			0.00	
14	t5	5	10	11	5.1697	5.1894	0.0197			0.00	
15	t5	5	11	22	5.1894	5.255	0.0656			3.22	
16	t5	5	15	18	5.255	5.3536	0.0986			0.00	
17	t4	5	21	13	5.3536	6.3222	0.9686			43.45	14,960
		6	19	20	6.3222	0	0				
Total							6.3222			101.39	14,960

Estudio No. 5

NUEVA SAN

SALVADOR

Equipo No.2

Fecha: 10 Feb. 2000

Tipo de vehículo: 18yd³

No. de viajes: 1

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
					Inicio	Fin	Tiempo	Inicio	Fin	Distancia	
		H	M	S	(hora)	(hora)	(hora)	(km)	(km)	(km)	
1	t1	0	0	0	0	0.1175	0.1175			0.00	
2	t1	0	7	3	0.1175	0.3722	0.2547			1.61	
3	t6	0	22	20	0.3722	0.4444	0.0722			0.00	
4	t2	0	26	40	0.4444	0.5361	0.0917			0.00	
5	t3	0	32	10	0.5361	1.5375	1.0014			3.22	
6	t3	1	32	15	1.5375	1.8903	0.3528			4.83	
7	t6	1	53	25	1.8903	2.0083	0.1181			0.00	
8	t3	2	0	30	2.0083	2.5658	0.5575			1.61	
9	t3	2	33	57	2.5658	2.8028	0.2369			0.00	
10	t3	2	48	10	2.8028	2.8231	0.0203			1.61	
11	t3	2	49	23	2.8231	3.5506	0.7275			4.83	
12	t6	3	33	2	3.5506	3.7372	0.1867			1.61	
13	t4	3	44	14	3.7372	4.7233	0.9861			37.01	

Datos C

14	t5	4	43	24	4.7233	5.4514	0.7281			0.00	
15	t5	5	27	5	5.4514	5.4522	0.0008			3.22	
16	t5	5	27	8	5.4522	5.5122	0.06			0.00	
17	t5	5	30	44	5.5122	5.54	0.0278			1.61	
18	t4	5	32	24	5.54	5.5861	0.0461			17.70	
19	t4	5	35	10	5.5861	5.7042	0.1181			4.83	
20	t4	5	42	15	5.7042	6.7569	1.0528			11.27	8,780
		6	45	25	6.7569	0	0				
Total							6.7569			94.95	8,780

Estudio No. 6

NUEVA SAN
SALVADOR

Equipo No.2

Fecha: 12 Feb. 2000

Tipo de vehículo: 18yd³

No. de viajes: 1

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio	Fin	Tiempo	Inicio	Fin	Distancia	
					(hora)	(hora)	(hora)	(km)	(km)	(km)	
1	t1	0	0	0	0	0.2181	0.2181			1.61	
2	t2	0	13	5	0.2181	0.3172	0.0992			1.61	
3	t3	0	19	2	0.3172	1.3722	1.055			1.61	
4	t3	1	22	20	1.3722	1.4125	0.0403			0.00	
5	t3	1	24	45	1.4125	1.5686	0.1561			0.00	
6	t3	1	34	7	1.5686	1.6264	0.0578			1.61	
7	t3	1	37	35	1.6264	1.7842	0.1578			0.00	
8	t6	1	47	3	1.7842	2.3078	0.5236			0.00	
9	t3	2	18	28	2.3078	2.7242	0.4164			1.61	
10	t3	2	43	27	2.7242	2.7564	0.0322			1.61	
11	t3	2	45	23	2.7564	3.2583	0.5019			1.61	
12	t4	3	15	30	3.2583	4.4231	1.1647			35.40	
13	t4	4	25	23	4.4231	4.5072	0.0842			1.61	
14	t6	4	30	26	4.5072	5.7583	1.2511			1.61	
15	t5	5	45	30	5.7583	5.7736	0.0153			1.61	
16	t5	5	46	25	5.7736	6.0194	0.2458			1.61	
17	t4	6	1	10	6.0194	7.2583	1.2389			49.89	10,100
		7	15	30	7.2583	0	0				
Total							7.2583			102.995	10,100

Datos C

Estudio No. 7

SOYAPANGO

Equipo No.19

Fecha: 16 Feb. 2000

Tipo de vehículo: 18yd³

No. de viajes: 1

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio	Fin	Tiempo	Inicio	Fin	Distancia	
					(hora)	(hora)	(hora)	(km)	(km)	(km)	
1	t1	0	0	0	0	0.5306	0.5306	551.00	551.00	0.00	
2	t2		31	50	0.5306	0.7089	0.1783	551.00	554.00	3.00	
3	t3		42	31	0.7089	0.8297	0.1209	554.00	555.00	1.00	
4	t3		49	47	0.8297	1.0043	0.1746	555.00	557.00	2.00	
5	t3	1	0	15	1.0043	1.5922	0.5879	557.00	558.00	1.00	
6	t3	1	35	32	1.5922	1.6177	0.0255	558.00	558.00	0.00	
7	t3	1	37	3	1.6177	2.3292	0.7115	558.00	559.00	1.00	
8	t3	2	19	45	2.3292	2.3491	0.0199	559.00	560.00	1.00	
9	t3	2	20	56	2.3491	3.2714	0.9223	560.00	561.00	1.00	
10	t4	3	16	17	3.2714	3.848	0.5766	561.00	581.00	20.00	
11	t5	3	50	52	3.848	3.9	0.052	581.00	581.00	0.00	20,840
12	t5	3	54	0	3.9	3.952	0.052	581.00	582.00	1.00	
13	t5	3	57	7	3.952	4.0514	0.0994	582.00	582.00	0.00	
14	t4	4	3	5	4.0514	4.5969	0.5455	582.00	602.00	20.00	
15	t6	4	35	49	4.5969	4.9534	0.3565	602.00	602.00	0.00	
16	t3	4	57	12	4.9534	5.0135	0.0601	602.00	603.00	1.00	
17	t3	5	0	48	5.0135	5.5578	0.5443	603.00	604.00	1.00	
18	t4	5	33	28	5.5578	5.8239	0.2661	604.00	609.00	5.00	
		5	49	26	5.8239	0	0	609.00			
Total							5.8239			58.00	20,840

Estudio No. 8

SOYAPANGO

Equipo No. 19

Fecha: 18 Feb. 2000

Tipo de vehículo: 18yd³

No. de viajes: 2

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio	Fin	Tiempo	Inicio	Fin	Distancia	
					(hora)	(hora)	(hora)	(km)	(km)	(km)	
1	t1	0	0	0	0	0.4289	0.4289	669.00	669.00	0.00	
2	t2		25	43	0.4289	0.6678	0.2389	669.00	673.00	4.00	
3	t3		40	4	0.6678	0.7704	0.1026	673.00	674.00	1.00	
4	t3		46	13	0.7704	0.9575	0.1871	674.00	676.00	2.00	
5	t3		57	27	0.9575	1.5781	0.6206	676.00	677.00	1.00	
6	t3	1	34	41	1.5781	1.6121	0.034	677.00	677.00	0.00	
7	t3	1	36	43	1.6121	1.6691	0.0569	677.00	677.00	0.00	
8	t3	1	40	8	1.6691	1.6869	0.0178	677.00	677.00	0.00	
9	t3	1	41	12	1.6869	2.5879	0.901	677.00	678.00	1.00	
10	t4	2	35	16	2.5879	3.2688	0.6809	678.00	699.00	21.00	
11	t5	3	16	7	3.2688	3.3178	0.049	699.00	699.00	0.00	13,580
12	t5	3	19	4	3.3178	3.3597	0.0419	699.00	700.00	1.00	

Datos C

13	t5	3	21	34	3.3597	3.4152	0.0555	700.00	700.00	0.00	
14	t4	3	24	54	3.4152	3.9248	0.5097	700.00	720.00	20.00	
15	t6	3	55	29	3.9248	4.1295	0.2047	720.00	720.00	0.00	
16	t3	4	7	46	4.1295	4.2192	0.0897	720.00	721.00	1.00	
17	t3	4	13	9	4.2192	4.5029	0.2837	721.00	722.00	1.00	
18	t3	4	30	10	4.5029	4.5477	0.0447	722.00	722.00	0.00	
19	t3	4	32	51	4.5477	4.8516	0.3039	722.00	722.00	0.00	
20	t3	4	51	5	4.8516	4.863	0.0114	722.00	723.00	1.00	
21	t3	4	51	46	4.863	5.9875	1.1246	723.00	724.00	1.00	
22	t4	5	59	15	5.9875	6.8945	0.907	724.00	755.00	31.00	
23	t5	6	53	40	6.8945	6.9183	0.0238	755.00	755.00	0.00	16,400
24	t5	6	55	5	6.9183	6.9785	0.0602	755.00	757.00	2.00	
25	t5	6	58	42	6.9785	7.0284	0.0499	757.00	757.00	0.00	
26	t4	7	1	42	7.0284	7.742	0.7136	757.00	786.00	29.00	
		7	44	31	7.742		0	786.00			
Total							7.742			117.00	29,980

Estudio No. 9

SOYAPANGO

Equipo No. 19

Fecha: 21 Feb. 2000

Tipo de vehiculo: 18yd³

No. de viajes: 2

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio (hora)	Fin (hora)	Tiempo (hora)	Inicio (km)	Fin (km)	Distancia (km)	
1	t1	0	0	0	0	0.478	0.478	856.00	856.00	0.00	
2	t2		28	40	0.478	0.6931	0.2151	856.00	859.00	3.00	
3	t3		41	35	0.6931	0.8142	0.1211	859.00	860.00	1.00	
4	t3		48	51	0.8142	0.9931	0.1789	860.00	862.00	2.00	
5	t3		59	35	0.9931	1.5327	0.5396	862.00	863.00	1.00	
6	t3	1	31	57	1.5327	1.5526	0.0199	863.00	863.00	0.00	
7	t3	1	33	9	1.5526	2.0867	0.5341	863.00	863.00	0.00	
8	t3	2	5	12	2.0867	2.1176	0.0309	863.00	864.00	1.00	
9	t3	2	7	3	2.1176	3.0544	0.9368	864.00	865.00	1.00	
10	t4	3	3	15	3.0544	3.6811	0.6267	865.00	885.00	20.00	
11	t5	3	40	51	3.6811	3.7164	0.0353	885.00	885.00	0.00	19,060
12	t5	3	42	58	3.7164	3.7348	0.0184	885.00	886.00	1.00	
13	t5	3	44	5	3.7348	3.8042	0.0694	886.00	886.00	0.00	
14	t4	3	48	15	3.8042	4.3525	0.5484	886.00	906.00	20.00	
15	t6	4	21	9	4.3525	4.615	0.2625	906.00	906.00	0.00	
16	t3	4	36	54	4.615	4.6716	0.0566	906.00	907.00	1.00	
17	t3	4	40	17	4.6716	4.9188	0.2472	907.00	908.00	1.00	
18	t3	4	55	7	4.9188	4.9375	0.0187	908.00	908.00	0.00	
19	t3	4	56	15	4.9375	5.2404	0.3029	908.00	909.00	1.00	
20	t3	5	14	25	5.2404	5.2566	0.0162	909.00	909.00	0.00	
21	t3	5	15	23	5.2566	6.3152	1.0586	909.00	910.00	1.00	
22	t4	6	18	54	6.3152	7.2191	0.904	910.00	942.00	32.00	
23	t5	7	13	8	7.2191	7.2479	0.0287	942.00	942.00	0.00	14,820
24	t5	7	14	52	7.2479	7.2806	0.0327	942.00	943.00	1.00	
25	t5	7	16	50	7.2806	7.3009	0.0203	943.00	943.00	0.00	
26	t4	7	18	3	7.3009	8.0528	0.7519	943.00	973.00	30.00	

Datos C

		8	3	9	8.0528	0	0				
Total							8.0528			117.00	33,880

Equipo No. 10

APOPA

Equipo No. 10

Fecha: 7 Feb. 2000

Tipo de vehículo: 18yd3

No. de viajes: 2

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio (hora)	Fin (hora)	Tiempo (hora)	Inicio (km)	Fin (km)	Distancia (km)	
1	t1	0	0	0	0	0.0172	0.0172	42426.3	42426.3	0.0	
2	t2	0	1	2	0.0172	0.05	0.0328	42426.3	42426.7	0.4	
3	t3	0	3	0	0.05	0.0975	0.0475	42426.7	42428.8	2.1	
4	t3	0	5	51	0.0975	0.1081	0.0106	42428.8	42430.0	1.2	
5	t3	0	6	29	0.1081	1.1667	1.0586	42430.0	42431.1	1.1	
6	t3	1	10	0	1.1667	1.2333	0.0667	42431.1	42432.0	0.9	
7	t6	1	14	0	1.2333	1.2833	0.05	42432.0	42432.0	0.0	
8	t6	1	17	0	1.2833	1.3167	0.0333	42432.0	42433.3	1.3	
9	t3	1	19	0	1.3167	1.35	0.0333	42433.3	42433.5	0.2	
10	t3	1	21	0	1.35	1.3667	0.0167	42433.5	42433.6	0.1	
11	t3	1	22	0	1.3667	2.1	0.7333	42433.6	42434.5	0.9	
12	t3	2	6	0	2.1	2.1333	0.0333	42434.5	42434.9	0.4	
13	t3	2	8	0	2.1333	2.2167	0.0833	42434.9	42435.4	0.5	
14	t3	2	13	0	2.2167	2.25	0.0333	42435.4	42435.5	0.1	
15	t3	2	15	0	2.25	2.6167	0.3667	42435.5	42436.0	0.5	
16	t3	2	37	0	2.6167	2.6333	0.0167	42436.0	42436.2	0.2	
17	t3	2	38	0	2.6333	2.7167	0.0833	42436.2	42437.0	0.8	
18	t3	2	43	0	2.7167	2.7333	0.0167	42437.0	42437.3	0.3	
19	t3	2	44	0	2.7333	3.3667	0.6333	42437.3	42438.6	1.3	
20	t3	3	22	0	3.3667	3.4333	0.0667	42438.6	42440.1	1.5	
21	t6	3	26	0	3.4333	3.95	0.5167	42440.1	42440.1	0.0	
22	t3	3	57	0	3.95	4.0833	0.1333	42440.1	42440.6	0.5	
23	t3	4	5	0	4.0833	4.1167	0.0333	42440.6	42440.7	0.1	
24	t3	4	7	0	4.1167	4.15	0.0333	42440.7	42440.7	0.0	
25	t3	4	9	0	4.15	4.1833	0.0333	42440.7	42441.9	1.2	
26	t6	4	11	0	4.1833	4.2333	0.05	42441.9	42441.9	0.0	
27	t4	4	14	0	4.2333	4.6333	0.4	42441.9	42455.4	13.5	
28	t5	4	38	0	4.6333	4.7667	0.1333	42455.4	42456.8	1.4	
29	t4	4	46	0	4.7667	5.1833	0.4167	42456.8	42470.7	13.9	17,640
30		5	11	0	5.1833	0	0			0.0	
31	t1	0	0	0	0	0.12	0.12	42470.7	42470.7	0.0	
32	t4		7	12	0.12	0.2917	0.1717	42470.7	42471.8	1.1	
33	t3		17	30	0.2917	0.4793	0.1876	42471.8	42472.4	0.6	
34	t3		28	45	0.4793	0.5534	0.074	42472.4	42472.8	0.4	
35	t3		33	12	0.5534	0.6495	0.0962	42472.8	42473.5	0.7	
36	t3		38	58	0.6495	0.753	0.1035	42473.5	42473.5	0.0	
37	t3		45	10	0.753	1.1673	0.4143	42473.5	42475.0	1.5	
38	t3	1	10	2	1.1673	1.2918	0.1245	42475.0	42475.2	0.2	
39	t3	1	17	30	1.2918	1.4627	0.1709	42475.2	42479.3	4.1	
40	t3	1	27	45	1.4627	1.5313	0.0686	42479.3	42479.4	0.1	

Datos C

41	t3	1	31	52	1.5313	1.9769	0.4456	42479.4	42479.5	0.1	
42	t3	1	58	36	1.9769	2.1454	0.1685	42479.5	42479.9	0.4	
43	t3	2	8	43	2.1454	2.2534	0.108	42479.9	42480.0	0.1	
44	t3	2	15	12	2.2534	2.3361	0.0827	42480.0	42482.1	2.1	
45	t4	2	20	10	2.3361	2.837	0.5009	42482.1	42495.6	13.5	
46	t5	2	50	13	2.837	2.9	0.0631	42495.6	42496.2	0.6	
47	t5	2	54	0	2.9	3.0822	0.1822	42496.2	42497.2	1.0	
48	t4	3	4	55	3.0822	3.4168	0.3346	42497.2	42511.0	13.8	13,880
		3	25	0	3.4168	0	0	42511.0			
Total							8.6002			84.7	31,520

Estudio No. 11

APOPA

Equipo No. 10

Fecha: 16 Feb. 2000

Tipo de vehículo: 18yd³

No. de viajes: 1

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio	Fin	Tiempo	Inicio	Fin	Distancia	
					(hora)	(hora)	(hora)	(km)	(km)	(km)	
1	t1	0	0	0	0	0.1431	0.1431	578.4	578.4	0.00	
2	t2	0	8	35	0.1431	0.1978	0.0547	578.4	578.8	0.40	
3	t3	0	11	51	0.1978	0.2611	0.0634	578.8	579.1	0.30	
4	t3	0	15	40	0.2611	0.2699	0.0088	579.1	579.1	0.00	
5	t3	0	16	11	0.2699	1.051	0.7812	579.1	580.0	0.90	
6	t3	1	3	3	1.051	1.0706	0.0195	580.0	580.4	0.40	
7	t3	1	4	14	1.0706	1.0829	0.0123	580.4	580.6	0.20	
8	t3	1	4	58	1.0829	1.0941	0.0112	580.6	581.1	0.50	
9	t3	1	5	38	1.0941	1.3901	0.296	581.1	582.1	1.00	
10	t3	1	23	24	1.3901	1.4122	0.0221	582.1	582.3	0.20	
11	t3	1	24	44	1.4122	1.6499	0.2377	582.3	582.9	0.60	
12	t3	1	38	59	1.6499	1.6768	0.0269	582.9	583.0	0.10	
13	t3	1	40	36	1.6768	1.832	0.1552	583.0	583.6	0.60	
14	t3	1	49	55	1.832	1.8452	0.0132	583.6	583.7	0.10	
15	t3	1	50	42	1.8452	1.8955	0.0503	583.7	583.9	0.20	
16	t3	1	53	43	1.8955	1.9343	0.0387	583.9	584.1	0.20	
17	t3	1	56	3	1.9343	2.2763	0.3421	584.1	584.9	0.80	
18	t3	2	16	34	2.2763	2.2921	0.0158	584.9	585.1	0.20	
19	t3	2	17	31	2.2921	2.4308	0.1387	585.1	585.6	0.50	
20	t6	2	25	50	2.4308	3.0924	0.6616	585.6	585.6	0.00	
21	t3	3	5	32	3.0924	3.2519	0.1594	585.6	586.1	0.50	
22	t3	3	15	6	3.2519	3.2768	0.025	586.1	586.4	0.30	
23	t3	3	16	36	3.2768	3.761	0.4842	586.4	587.3	0.90	
24	t3	3	45	39	3.761	3.7773	0.0163	587.3	587.5	0.20	
25	t3	3	46	38	3.7773	4.2429	0.4657	587.5	588.6	1.10	
26	t3	4	14	34	4.2429	4.2576	0.0147	588.6	588.7	0.10	
27	t3	4	15	27	4.2576	4.3176	0.06	588.7	588.9	0.20	
28	t3	4	19	3	4.3176	4.3402	0.0225	588.9	589.0	0.10	
29	t3	4	20	24	4.3402	4.6696	0.3294	589.0	589.8	0.80	
30	t3	4	40	10	4.6696	4.7006	0.031	589.8	590.2	0.40	
31	t3	4	42	2	4.7006	4.7208	0.0203	590.2	590.4	0.20	
32	t3	4	43	14	4.7208	4.7367	0.0159	590.4	590.6	0.20	

Datos C

33	t3	4	44	12	4.7367	5.0921	0.3554	590.6	591.5	0.90	
34	t3	5	5	31	5.0921	5.108	0.0159	591.5	591.7	0.20	
35	t3	5	6	28	5.108	5.2335	0.1255	591.7	592.0	0.30	
36	t3	5	14	0	5.2335	5.3306	0.0971	592.0	593.0	1.00	
37	t3	5	19	50	5.3306	5.9658	0.6352	593.0	594.4	1.40	
38	t3	5	57	56	5.9658	5.9917	0.0259	594.4	594.6	0.20	
39	t3	5	59	29	5.9917	6.1472	0.1555	594.6	594.8	0.20	
40	t4	6	8	49	6.1472	6.5662	0.4191	594.8	608.8	14.00	
41	t5	6	33	58	6.5662	6.7796	0.2134	608.8	610.4	1.60	17,360
42	t4	6	46	46	6.7796	7.075	0.2954	610.4	624.0	13.60	
43		7	4	30	7.075	0	0	624.0			
Total							7.075			45.60	17,360

Estudio No. 12

APOPA

Equipo No. 10

Fecha: 17 Feb. 2000

Tipo de vehículo: 18yd³

No. de viajes: 1

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio (hora)	Fin (hora)	Tiempo (hora)	Inicio (km)	Fin (km)	Distancia (km)	
1	t1	0	0	0	0	0.0517	0.0517	654.30	654.30	0.000	
2	t2		3	5	0.0517	0.1006	0.0489	654.30	654.70	0.400	
3	t3		6	2	0.1006	0.8492	0.7486	654.70	656.80	2.100	
4	t3		50	57	0.8492	0.866	0.0167	656.80	657.00	0.200	
5	t3		51	57	0.866	1.0368	0.1708	657.00	657.60	0.600	
6	t3	1	2	12	1.0368	1.0565	0.0197	657.60	657.80	0.200	
7	t3	1	3	23	1.0565	1.1065	0.05	657.80	658.00	0.200	
8	t3	1	6	23	1.1065	1.1174	0.0109	658.00	658.10	0.100	
9	t3	1	7	2	1.1174	1.2503	0.1329	658.10	658.30	0.200	
10	t6	1	15	1	1.2503	1.3052	0.0548	658.30	658.30	0.000	
11	t3	1	18	18	1.3052	1.4267	0.1215	658.30	658.70	0.400	
12	t3	1	25	36	1.4267	1.4746	0.0479	658.70	659.00	0.300	
13	t3	1	28	28	1.4746	1.9579	0.4833	659.00	659.50	0.500	
14	t3	1	57	28	1.9579	1.9793	0.0213	659.50	659.60	0.100	
15	t3	1	58	45	1.9793	1.9958	0.0165	659.60	659.70	0.100	
16	t3	1	59	44	1.9958	2.0177	0.0219	659.70	659.90	0.200	
17	t3	2	1	3	2.0177	2.0619	0.0442	659.90	660.50	0.600	
18	t6	2	3	42	2.0619	2.596	0.5341	660.50	660.50	0.000	
19	t3	2	35	45	2.596	2.7232	0.1272	660.50	661.10	0.600	
20	t3	2	43	23	2.7232	2.7568	0.0336	661.10	661.40	0.300	
21	t3	2	45	24	2.7568	3.3636	0.6069	661.40	663.30	1.900	
22	t3	3	21	49	3.3636	3.3818	0.0181	663.30	663.50	0.200	
23	t3	3	22	54	3.3818	3.6445	0.2628	663.50	663.90	0.400	
24	t3	3	38	40	3.6445	3.6689	0.0244	663.90	664.20	0.300	
25	t3	3	40	8	3.6689	3.6836	0.0147	664.20	664.30	0.100	
26	t3	3	41	0	3.6836	3.7013	0.0177	664.30	664.60	0.300	
27	t3	3	42	4	3.7013	4.1878	0.4865	664.60	665.90	1.300	
28	t3	4	11	16	4.1878	4.2137	0.0259	665.90	666.20	0.300	
29	t3	4	12	49	4.2137	4.2619	0.0482	666.20	666.30	0.100	
30	t6	4	15	42	4.2619	4.2915	0.0296	666.30	666.30	0.000	

Datos C

31	t3	4	17	29	4.2915	4.5855	0.294	666.30	666.70	0.400	
32	t3	4	35	7	4.5855	4.6004	0.015	666.70	667.20	0.500	
33	t3	4	36	1	4.6004	4.7043	0.1038	667.20	667.40	0.200	
34	t3	4	42	15	4.7043	4.7484	0.0441	667.40	667.80	0.400	
35	t3	4	44	54	4.7484	4.8835	0.1351	667.80	668.00	0.200	
36	t4	4	53	0	4.8835	5.3045	0.421	668.00	682.10	14.100	
37	t5	5	18	16	5.3045	5.4305	0.1261	682.10	683.50	1.400	
38	t4	5	25	49	5.4305	5.7795	0.349	683.50	697.20	13.700	12,800
39		5	46	46	5.7795	0	0	697.20			
Total							5.7795			42.900	12,800

Estudio No. 13

AYUTUXTEPEQUE

Equipo No. 3

Fecha: 9 Feb. 2000

Tipo de vehiculo: 16yd³

No. de viajes: 1

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio	Fin	Tiempo	Inicio	Fin	Distancia	
					(hora)	(hora)	(hora)	(km)	(km)	(km)	
1	t1	0	0	0	0	0.2334	0.2334	6.00	6.00	0.00	
2	t2		14	0	0.2334	0.3085	0.0751	6.00	6.20	0.20	
3	t3		18	30	0.3085	0.5192	0.2108	6.20	6.30	0.10	
4	t3		31	9	0.5192	0.641	0.1218	6.30	6.30	0.00	
5	t3		38	27	0.641	0.6609	0.0198	6.30	6.50	0.20	
6	t3		39	39	0.6609	0.7292	0.0683	6.50	6.50	0.00	
7	t3		43	45	0.7292	0.9234	0.1943	6.50	6.80	0.30	
8	t3		55	24	0.9234	0.9826	0.0592	6.80	6.90	0.10	
9	t3		58	57	0.9826	1.1223	0.1396	6.90	7.00	0.10	
10	t3	1	7	20	1.1223	1.1303	0.0081	7.00	7.10	0.10	
11	t3	1	7	49	1.1303	1.3111	0.1808	7.10	7.20	0.10	
12	t3	1	18	39	1.3111	1.3787	0.0676	7.20	7.20	0.00	
13	t3	1	22	43	1.3787	1.5878	0.2091	7.20	8.10	0.90	
14	t3	1	35	16	1.5878	1.6006	0.0128	8.10	8.50	0.40	
15	t3	1	36	2	1.6006	1.9053	0.3048	8.50	8.90	0.40	
16	t6	1	54	19	1.9053	1.9189	0.0136	8.90	9.40	0.50	
17	t3	1	55	8	1.9189	1.9992	0.0803	9.40	10.00	0.60	
18	t3	1	59	56	1.9992	2.0183	0.0192	10.00	10.50	0.50	
19	t3	2	1	6	2.0183	2.1013	0.083	10.50	10.80	0.30	
20	t3	2	6	4	2.1013	2.1395	0.0382	10.80	11.00	0.20	
21	t3	2	8	22	2.1395	2.1444	0.0049	11.00	11.50	0.50	
22	t3	2	8	39	2.1444	2.1697	0.0253	11.50	13.00	1.50	
23	t3	2	10	11	2.1697	2.3109	0.1412	13.00	13.40	0.40	
24	t3	2	18	39	2.3109	2.3245	0.0136	13.40	13.50	0.10	
25	t3	2	19	28	2.3245	2.4336	0.109	13.50	16.00	2.50	
26	t3	2	26	0	2.4336	2.4562	0.0227	16.00	16.20	0.20	
27	t3	2	27	22	2.4562	2.5246	0.0684	16.20	16.80	0.60	
28	t3	2	31	28	2.5246	2.5312	0.0065	16.80	17.50	0.70	
29	t3	2	31	52	2.5312	2.7427	0.2115	17.50	17.90	0.40	
30	t3	2	44	33	2.7427	2.8298	0.0871	17.90	18.00	0.10	
31	t3	2	49	47	2.8298	2.8863	0.0565	18.00	18.00	0.00	
32	t3	2	53	10	2.8863	2.9184	0.0321	18.00	18.00	0.00	

Datos C

33	t3	2	55	6	2.9184	3.5579	0.6395	18.00	18.50	0.50	
34	t3	3	33	28	3.5579	3.5837	0.0258	18.50	19.10	0.60	
35	t3	3	35	1	3.5837	3.8444	0.2607	19.10	19.10	0.00	
36	t3	3	50	39	3.8444	3.8558	0.0114	19.10	19.30	0.20	
37	t3	3	51	20	3.8558	4.0507	0.1949	19.30	19.30	0.00	
38	t3	4	3	2	4.0507	4.0601	0.0093	19.30	19.40	0.10	
39	t3	4	3	36	4.0601	4.2612	0.2012	19.40	19.50	0.10	
40	t3	4	15	40	4.2612	4.2717	0.0105	19.50	19.50	0.00	
41	t3	4	16	18	4.2717	4.2981	0.0264	19.50	19.50	0.00	
42	t3	4	17	53	4.2981	4.3198	0.0217	19.50	20.30	0.80	
43	t3	4	19	11	4.3198	4.3936	0.0738	20.30	20.40	0.10	
44	t4	4	23	36	4.3936	4.9159	0.5223	20.40	36.00	15.60	
45	t5	4	54	57	4.9159	5.2748	0.3589	36.00	42.50	6.50	
46	t4	5	16	29	5.2748	5.3562	0.0814	42.50	49.30	6.80	
47	t6	5	21	22	5.3562	5.3841	0.0279	49.30	49.30	0.00	
48	t4	5	23	2	5.3841	5.6726	0.2886	48.00	60.50	12.50	6,780
		5	40	21	5.6726		0	60.50			
Total							5.6726			55.80	6,780

Estudio No. 14

AYUTUXTEPEQUE

Equipo No. 3

Fecha: 10 Feb. 2000

Tipo de vehículo: 16yd³

No. de viajes: 1

No.	Tiempo unitario	Cronómetro			Tiempo			Distancia			Cantidad recolectada (libras)
		H	M	S	Inicio	Fin	Tiempo	Inicio	Fin	Distancia	
					(hora)	(hora)	(hora)	(km)	(km)	(km)	
1	t1	0	0	0	0	0.269	0.269	60.50	60.50	0.00	
2	t6		16	8	0.269	1.4016	1.1326	60.50	60.80	0.30	
3	t3	1	24	5	1.4016	1.4393	0.0377	60.80	61.30	0.50	
4	t3	1	26	21	1.4393	1.4534	0.0142	61.30	61.30	0.00	
5	t6	1	27	12	1.4534	1.534	0.0805	61.30	62.40	1.10	
6	t3	1	32	2	1.534	1.5973	0.0634	62.40	62.50	0.10	
7	t3	1	35	50	1.5973	1.6535	0.0561	62.50	62.80	0.30	
8	t3	1	39	12	1.6535	1.6702	0.0168	62.80	62.80	0.00	
9	t3	1	40	12	1.6702	1.6856	0.0154	62.80	62.90	0.10	
10	t3	1	41	8	1.6856	1.6941	0.0084	62.90	62.90	0.00	
11	t3	1	41	38	1.6941	1.7318	0.0378	62.90	62.90	0.00	
12	t3	1	43	54	1.7318	1.7575	0.0257	62.90	62.90	0.00	
13	t3	1	45	27	1.7575	1.8124	0.0549	62.90	62.90	0.00	
14	t3	1	48	44	1.8124	1.8553	0.0429	62.90	63.00	0.10	
15	t3	1	51	19	1.8553	1.9386	0.0833	63.00	63.20	0.20	
16	t3	1	56	18	1.9386	1.9738	0.0352	63.20	63.20	0.00	
17	t3	1	58	25	1.9738	2.072	0.0982	63.20	63.30	0.10	
18	t3	2	4	19	2.072	2.0957	0.0237	63.30	63.30	0.00	
19	t3	2	5	44	2.0957	2.109	0.0133	63.30	63.30	0.00	
20	t3	2	6	32	2.109	2.1978	0.0889	63.30	63.50	0.20	
21	t3	2	11	52	2.1978	2.2305	0.0326	63.50	63.50	0.00	
22	t3	2	13	49	2.2305	2.2576	0.0272	63.50	63.60	0.10	
23	t3	2	15	27	2.2576	2.3886	0.1309	63.60	63.80	0.20	
24	t3	2	23	18	2.3886	2.4609	0.0724	63.80	63.90	0.10	

Datos C

25	t3	2	27	39	2.4609	2.5706	0.1097	63.90	64.10	0.20	
26	t6	2	34	14	2.5706	2.7194	0.1488	64.10	64.10	0.00	
27	t3	2	43	9	2.7194	2.7986	0.0792	64.10	64.30	0.20	
28	t3	2	47	54	2.7986	2.9003	0.1017	64.30	64.50	0.20	
29	t3	2	54	0	2.9003	2.9108	0.0105	64.50	64.50	0.00	
30	t3	2	54	38	2.9108	2.9928	0.082	64.50	64.60	0.10	
31	t3	2	59	33	2.9928	3.0607	0.0679	64.60	64.60	0.00	
32	t3	3	3	38	3.0607	3.0961	0.0355	64.60	64.70	0.10	
33	t3	3	5	46	3.0961	3.1166	0.0205	64.70	64.70	0.00	
34	t3	3	6	59	3.1166	3.1636	0.047	64.70	64.80	0.10	
35	t3	3	9	48	3.1636	3.2078	0.0442	64.80	64.80	0.00	
36	t3	3	12	28	3.2078	3.3047	0.0969	64.80	65.20	0.40	
37	t3	3	18	16	3.3047	3.3266	0.022	65.20	65.20	0.00	
38	t3	3	19	35	3.3266	3.457	0.1304	65.20	65.80	0.60	
39	t3	3	27	25	3.457	3.5298	0.0729	65.80	66.30	0.50	
40	t3	3	31	47	3.5298	3.6484	0.1185	66.30	66.50	0.20	
41	t3	3	38	54	3.6484	3.7173	0.0689	66.50	66.80	0.30	
42	t3	3	43	2	3.7173	3.8002	0.0829	66.80	67.20	0.40	
43	t3	3	48	0	3.8002	3.8084	0.0083	67.20	67.20	0.00	
44	t3	3	48	30	3.8084	3.8599	0.0515	67.20	67.80	0.60	
45	t3	3	51	35	3.8599	3.9812	0.1213	67.80	68.50	0.70	
46	t6	3	58	52	3.9812	4.0628	0.0815	68.50	68.70	0.20	
47	t3	4	3	46	4.0628	4.0991	0.0364	68.70	68.70	0.00	
48	t3	4	5	56	4.0991	4.1105	0.0113	68.70	68.70	0.00	
49	t3	4	6	37	4.1105	4.1755	0.0651	68.70	68.80	0.10	
50	t3	4	10	31	4.1755	4.1849	0.0093	68.80	68.80	0.00	
51	t3	4	11	5	4.1849	4.2988	0.1139	68.80	69.00	0.20	
52	t3	4	17	55	4.2988	4.3568	0.0581	69.00	69.00	0.00	
53	t3	4	21	24	4.3568	4.4086	0.0518	69.00	69.20	0.20	
54	t6	4	24	31	4.4086	4.4672	0.0586	69.20	70.10	0.90	
55	t4	4	28	1	4.4672	4.8408	0.3736	70.10	83.80	13.70	
56	t6	4	50	26	4.8408	4.8821	0.0413	83.80	83.80	0.00	
57	t4	4	52	55	4.8821	4.9417	0.0596	83.80	83.90	0.10	
58	t4	4	56	30	4.9417	4.9969	0.0552	83.90	92.50	8.60	
59	t4	4	59	48	4.9969	5.0394	0.0425	92.50	92.50	0.00	
60	t5	5	2	21	5.0394	5.2965	0.257	92.50	98.10	5.60	
61	t4	5	17	47	5.2965	5.3901	0.0937	98.10	103.20	5.10	
62	t6	5	23	24	5.3901	5.4186	0.0285	103.20	103.20	0.00	
63	t4	5	25	6	5.4186	5.7602	0.3416	103.20	114.40	11.20	9,120
		5	45	36	5.7602	0	0	114.40			
Total							5.7602			53.90	9,120