

DOCUMENT SOURCE	Lawrence Berkeley Laboratory Archives and Records Office	
RECORDS SERIES TITLE	Applied Science Division: Scientists' Papers - Papers of William E. Siri	
ACCESSION NO.	434-91-0131	COPY
FILE CODE NO.	19-14-18	
CARTON NO.	7	
FOLDER NAME	Dr. Leo Meyer (Marshall Island Natives)	
NOTES		
FOUND BY	Perry Hall	

404631

R

DR MEYER'S CASES

①

5/27/63

RATIO

PRIVACY ACT MATERIAL REMOVED

BEST COPY AVAILABLE

Case #	Box #	Hold #	CPM	CPM - BKX	RATIO	Eff	Quench correction Ratio (to bring to 40%)	CPM-BKX X GCF
822	L	32	6801	6772	.75	14.97	2.67	18081
32	A	21	10363	10,334	.76	15.01	2.66 ✓	27488
36	B	22	6746	6717	.76	15.01	2.66 ✓	17867
38	C	23	6227	6198	.76	15.01	2.66 ✓	16487
41	D	24	8187	8158	.75	14.97	2.67 ✓	21782
73	E	25	6170	6141	.75	14.97	2.67 ✓	16396
81	F	26	8044	8015	.75	14.97	2.67 ✓	21400
82	G	27	6881	6652	.76	15.01	2.66 ✓	17694
85	H	28	6213	6184	.74	14.94	2.68 ✓	16573
95	I	29	8738	8709	.73	14.00	2.86 ✓	24908
916	J	30	8017	7988	.76	15.01	2.66 ✓	21248
28	K	31	8737	8708	.75	14.97	2.67 ✓	23250
32	N	34	9875	9846	.74	14.94	2.68 ✓	26289
38	O	35	11742	11713	.74	14.94	2.68 ✓	31274
42	P	36	9490	9461	.76	15.01	2.66 ✓	25166
59	Q	37	8136	8107	.75	14.97	2.67 ✓	21646
60	M	33	10336	10307	.75	14.97	2.67	27520
1007	R	38	6253	6224	.73	14.00	2.86 ✓	17801
1043	S	39	10128	10,099	.74	14.94	2.68	27066
1501	T	40	6060	6031	.73	14.00	2.86 ✓	17249
	U	41	1942 1393 6370	1913 16370	.72	13.50	2.96 ✓	18855
BKX	V	42	29	-	2.22			
Std *	W	109	10485	10456	.73	14.00	2.86	29904
hd	W	43	10540	10511	.76	15.01	2.66	27959

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② DR. L. MEYERS SUBJECTS

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subject	Sex	Age	Wt. kg	% Fat	Wt. of fat kg	lean body wt (kg)	
822	M	16	54.54	19.56 0	9.19	43.98	163.8
832	F	24	46.36	19.82	9.19	37.17	147.3
836	M	30	56.36	0	0	56.36	163.8
838	M	30	66.13	6.24	4.13	62.00	163.8
841	F	30	66.81	48.82	32.31	34.50	163.8
873	M	44	61.36	0	0	61.36	175.1
881	M	30	68.63	30.39		47.77	165.1
882	M	29	54.77	- 5%		54.77	160.0
885	M	23	61.81	0.18		61.63	163.8
895	F	33	55.90	26.58	14.86	29.32	151.1
916	F	39	63.63	24.38	15.51	48.12	148.6
928	F	50	57.27	23.21	13.29	43.98	157.5
932	F	28	46.3	16.01	7.41	38.89	146.0
938	F	24	40.00	18.26	7.30	32.70	142.2
942	F	48	57.72	29.61	17.09	40.63	148.6
959	F	14	60.00	21.29	12.77	47.23	151.1
960	F	11	38.63	3.86	14.91	23.72	149.9
1007	M	52	71.36	19.54	13.94	57.42	163.8
1043	F	28	41.81	9.70	4.06	37.75	147.3
1501	M	30	66.81	11.29	7.54	59.27	162.6
	M	30	63.18	14.21	8.98	54.20	165.1

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subject #	Ratio Std	R ₁₂₅₀₀₀	TBW in L	Liters converted to Kg	% H ₂ O	% Fat ①
	subject, 694	41,350	41.350	40.730	Kg H ₂ O	100 - $\frac{\% H_2O}{0.72}$
822	1.886	27,175	27.175	31.668	34.55	80.64 = 103.72
832	1.087	27,175	27.175	26.767	57.73	80.18
836	1.673	41,825		41.198	73.09	101.58
838	1.813	45,325		44.645	67.51	93.76
841	1.372	25,000		24.625	36.85	51.18
873	1.823	45,575		44.891	73.16	101.61
881	1.397	34,925		34.401	50.12	69.61
882	1.690	42,250		41.616	75.98	105.53
885	1.804	45,100		44.424	71.87	99.82
895	1.200	30,000		29.550	52.86	73.42
916	1.407	35,175		34.647	54.45	75.62
928	1.286	32,150		31.668	55.29	76.79
932	1.137	28,425		27.999	60.47	83.99
938	0.956	23,900		23.542	58.85	81.74
942	1.188	29,700		29.255	50.68	70.39
959	1.386	34,525		34.007	56.67	78.71
960	1.026	27,150		26.743	69.22	96.14
1507	1.0679	41,975		41.345	57.93	80.46
1043	1.104	27,600		27.186	65.02	90.30
1501	1.733	43,325		42.675	63.87	88.71
	1.585	39,625		39.031	61.77	85.79

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