

SUN LIFE FINANCIAL SERVICES OF CANADA INC  
Form 13F-HR  
August 14, 2002

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

Form 13F

Form 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: June 30, 2002  
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Check Here if Amendment / /; Amendment Number: -----

This Amendment (Check only one.): / / is a restatement.  
/ / adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: Sun Life Assurance Company of Canada  
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Address: 150 King Street West  
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Toronto, Ontario, Canada, M5H 1J9  
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Form 13F File Number: 28-05799  
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The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: Claude Accum  
-----

Title: Vice-President, Risk Management  
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Phone: 416-979-6188  
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Signature, Place, and Date of Signing:

/s/ Claude Accum                                  Ontario, Canada                                  8-15-2002  
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[Signature]                                  [City, State]                                  [Date]

Report Type (Check only one.):

/X/ 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)

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// 13F NOTICE. (Check here if no holdings reported are in this report,

and all holdings are reported by other reporting manager(s).)

// 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

List of Other Managers Reporting for this Manager:  
[If there are no entries in this list, omit this section.]

Form 13F SUMMARY PAGE

Report Summary:

Number of Other Included Managers:	0
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Form 13F Information Table Entry Total:	88
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Form 13F Information Table Value Total:	\$ 377,644
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	(thousands)

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

None

FORM 13F INFORMATION TABLE - JUNE 30, 2002

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUM
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (x\$1000)	SHRS OR PRN AMT	SH/ PRN	PUT/ CALL	INVES DISCR
U.S. OPERATIONS - AMOUNTS SHOWN ARE IN U.S. DOLLARS							
AOL Time Warner Inc	COM	00184A105	8,191	556,863	SH		SOLE
AT&T Corp	COM	001957109	9,211	860,836	SH		SOLE
Agere Systems Inc	CL B	00845V209	4,574	3,049,081	SH		SOLE
Allmerica Financial Corp	COM	019754100	6,908	149,514	SH		SOLE
Allstate Corp	COM	020002101	6,449	174,401	SH		SOLE
Ameritrade Holding Corp	CL A	03072H109	5,810	1,268,551	SH		SOLE
Apartment Invt & Mgmt Co-A	CL A	03748R101	7,600	154,477	SH		SOLE
Archer Daniels Midland Co	COM	039483102	7,016	548,576	SH		SOLE

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Archstone-Smith Trust	COM	039583109	3,933	147,301	SH	SOLE
Arris Group Inc	COM	04269Q100	6,067	1,354,212	SH	SOLE
Ascential Software Corp	COM	04362P108	5,590	2,003,700	SH	SOLE
Avalon Bay Communities Inc	COM	053484101	4,269	91,411	SH	SOLE
Avaya Inc	COM	053499109	8,505	1,718,098	SH	SOLE
BRE Properties	CL A	05564E106	4,736	152,234	SH	SOLE
Bausch & Lomb	COM	071707103	4,851	143,321	SH	SOLE
Boston Properties Inc	COM	101121101	7,789	194,965	SH	SOLE
Boston Scientific Corp	COM	101137107	7,745	264,170	SH	SOLE
Bristol-Myers Squibb Company	COM	110122108	4,589	178,555	SH	SOLE
CBL & Associates Properties	COM	124830100	7,585	187,285	SH	SOLE
Centerpoint Properties Trust	SH BEN INT	151895109	4,243	73,138	SH	SOLE
Cisco Systems Inc	COM	17275R102	1,924	137,931	SH	SOLE
Concord Communications Inc	COM	206186108	3,820	231,784	SH	SOLE
Conoco Inc	COM	208251504	6,341	228,096	SH	SOLE
Corvis Corporation	COM	221009103	121	185,592	SH	SOLE
Developers Diversified Realty	COM	251591103	3,484	154,862	SH	SOLE
Dollar General Corp	COM	256669102	8,722	458,332	SH	SOLE
Duke Realty Corp	COM NEW	264411505	5,172	178,645	SH	SOLE
Eloquent Inc	COM	290140102	3	12,371	SH	SOLE
Engelhard Corp	COM	292845104	5,682	200,622	SH	SOLE
Equity Office Properties Trust	COM	294741103	3,521	116,976	SH	SOLE
Federal Realty Investment Tr	SH BEN INT NEW	313747206	4,502	162,460	SH	SOLE
F5 Networks Inc	COM	315616102	102	10,434	SH	SOLE
First Industrial Realty Trust	COM	32054K103	2,233	67,966	SH	SOLE

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5		COLUM	
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (x\$1000)	SHRS OR PRN AMT	SH/ PRN	PUT/ CALL	INVES DISCR
GATX Corporation	COM	361448103	8,311	276,118	SH	SOLE	
General Growth Properties	COM	370021107	7,195	141,075	SH	SOLE	
General Motors Corp	CL H NEW	370442832	6,865	660,089	SH	SOLE	
Haemonetics Corp	COM	405024100	3,642	124,709	SH	SOLE	
Hain Celestial Group Inc	COM	405217100	3,260	176,237	SH	SOLE	
Healthsouth Corporation	COM	421924101	5,075	396,779	SH	SOLE	
Highwoods Properties Inc	COM	431284108	5,303	203,978	SH	SOLE	
IRT Property Co	COM	450058102	3,166	248,478	SH	SOLE	
I-STAT Corp	COM	450312103	3,361	944,182	SH	SOLE	
MSCI World Equity Benchmark	MSCI AUSTRALIA	464286103	782	78,186	SH	SOLE	
MSCI World Equity Benchmark	MSCI BELGIUM	464286301	283	23,846	SH	SOLE	
MSCI World Equity Benchmark	MSCI SINGAPORE	464286673	178	33,739	SH	SOLE	
MSCI World Equity Benchmark	MSCI UTD KINGD	464286699	4,269	307,110	SH	SOLE	
MSCI World Equity Benchmark	MSCI FRANCE	464286707	1,703	93,055	SH	SOLE	
MSCI World Equity Benchmark	MSCI SWITZERLD	464286749	1,238	91,331	SH	SOLE	
MSCI World Equity Benchmark	MSCI SWEDEN	464286756	590	50,258	SH	SOLE	
MSCI World Equity Benchmark	MSCI SPAIN	464286764	614	31,549	SH	SOLE	
MSCI World Equity Benchmark	MSCI GERMANY	464286806	1,471	101,165	SH	SOLE	
MSCI World Equity Benchmark	MSCI NETHERLND	464286814	1,043	59,958	SH	SOLE	
MSCI World Equity Benchmark	MSCI JAPAN	464286848	3,872	459,351	SH	SOLE	
MSCI World Equity Benchmark	MSCI ITALY	464286855	769	46,695	SH	SOLE	
MSCI World Equity Benchmark	MSCI HONG KONG	464286871	359	40,412	SH	SOLE	
Kimco Realty Corp	COM	49446R109	4,861	145,150	SH	SOLE	
Kroger Co	COM	501044101	4,749	238,655	SH	SOLE	
Legato Systems Inc	COM	524651106	3,485	967,963	SH	SOLE	
Liberty Media Group	COM SER A	530718105	4,947	494,688	SH	SOLE	
Lucent Technologies Inc	COM	549463107	5,599	3,372,680	SH	SOLE	
Macerich Company	COM	554382101	4,482	144,596	SH	SOLE	
Mack-Cali Realty Corp	COM	554489104	5,373	152,849	SH	SOLE	

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Manor Care Inc	COM	564055101	5,845	254,126	SH	SOLE
McDonalds Corp	COM	580135101	6,165	216,687	SH	SOLE
Mellon Finl Corp com	COM	58551A108	2,297	73,097	SH	SOLE
Merrill Lynch & Co Inc	COM	590188108	5,499	135,770	SH	SOLE
Parametric Technology Corp	COM	699173100	9,157	2,669,734	SH	SOLE
Pegasus Communications Corp	CL A	705904100	1,356	1,857,011	SH	SOLE
Praecis Pharmaceuticals Inc	COM	739421105	243	69,940	SH	SOLE
Prologis	SH BEN INT	743410102	2,751	105,823	SH	SOLE
Prudential Financial Inc	COM	744320102	9,628	288,620	SH	SOLE
Public Storage Inc	COM	74460D109	3,742	100,854	SH	SOLE
Reckson Associates Realty Corp	COM	75621K106	6,024	241,924	SH	SOLE
Riviera Holdings Company	COM	769627100	5,272	857,160	SH	SOLE
SL Green Realty Corp	COM	78440X101	10,055	282,054	SH	SOLE

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUM
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (x\$1000)	SHRS OR PRN AMT	SH/ PRN	PUT/ CALL	INVES DISCR
Shurgard Storage Centers-A	COM	82567D104	2,907	83,763	SH		SOLE
Simon Property Group Inc	COM	828806109	2,269	61,585	SH		SOLE
Sprint Corp	PCS COM SER 1	852061506	7,122	1,593,206	SH		SOLE
Texas Instruments Inc	COM	882508104	110	4,628	SH		SOLE
Unova Inc	COM	91529B106	3,086	475,441	SH		SOLE
Ventana Medical Systems	COM	92276H106	194	8,840	SH		SOLE
Vertex Pharmaceuticals Inc	COM	92532F100	4,821	296,100	SH		SOLE
Vicor Corp	COM	925815102	3,271	467,938	SH		SOLE
Vitria Technology Inc	COM	92849Q104	2,599	2,707,018	SH		SOLE
Vornado Realty Trust	SH BEN INT	929042109	6,078	131,548	SH		SOLE
Waste Management Inc	COM	94106L109	7,195	276,209	SH		SOLE
Western Resources Inc	COM	959425109	35	2,403	SH		SOLE

CANADIAN OPERATIONS - AMOUNTS  
SHOWN ARE IN U.S. DOLLARS

Standard & Poor's Dep Receipts	Common Shares	78462F103	1,795	18,100			SOLE
			377,644				