

**FINDING AID:** 48-1

**RECORD GROUP:** RG 48 - Dominion Observatories Canada

**SERIES:**

- A-I-1 - International Boundary Surveys,
  - a - Royal Observatories (Vols. 19-28)
  - b - British Tables, Treaty of Washington (Vol. 43)
- A-I-2 - Boundary Commissioner Captain D.R. Cameron (Vols. 29-32)
- A-II-1 Administration, Central Registry Series (Vol. 34)
- A-II-2 Administration, Reference Material (Vol. 33)
- B-I-1 Office of the Dominion Astronomer, Records of Carlyle Beals (Vols. 1-2)
- B-II-1 Administration, Central Registry Series (Vols. 10-18)
- B-III-1 Seismology Division, Registry Series, (Vols. 3-10)
- B-IV-1 Division of Geomagnetism, Registry Series (Vol. 33)
- B-VI-1 Queen Elizabeth II, Telescope (Vols. 35-42)**

**VOLUMES:** 1-43

**DESCRIPTION:** The finding aid is a file list which lists files as they appear in the volumes. Each file entry indicates volume number, file number, part number (where applicable), file title and inclusive dates.

**DATE:** March 1991



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	35	1		"Proposals & Discussions"	1962
				- Preliminary Reports, Correspondence, Clippings, Photos	TO 1964
		1.2		- Organization, Cost Estimates, Time Schedule, Correspondence, Reports	1964 TO 1968
		1.3		- Symposia, Visits, Consultations, [Kitt Peak, Palomar, David Dunlap, Lick] Correspondence, Reports.	1964 TO 1968
		2		"Site Testing"	1962
				- Correspondence, Reports, Field Note - Book	TO 1967
		2.1		- George Seaman - Bridgville, B.C., Correspondence	1964 TO 1965
		2.2		Mount Kobau - Site Survey Work [Meteorological, Climatological and Astronomical Seeing Factors] Correspondence, Reports	1965 TO 1969
		3		Site selection - General [Proposals from Various Municipalities]	1964 TO 1967
				Observatory Development General	
		4	1	- Correspondence, Reports	1964-65



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				Observatory Development - General	
	35	4	2	- Correspondence, Reports	1966
		4	3	- General Correspondence, Reports	1967-69 & 1971
		4.0.1	1	Project Control Committee - Agenda, Minutes, Notes	1966
		4.0.1	2	- As above and Reports	1967
		4.0.2		Phase I Report - Correspondence, Reports	1966-68
		4.0.3		Phase II Report - Draft Agreement with Con- sultants for Design of Telescope. Correspondence.	1967 TO 1968
	35	4.1		Site Development - General - Correspondence, Map, Drawings	1964-66, 1970
	36	4.2		Acquisition of Land on Mt. Kabau, Correspondence, Map	1964-66, 1968.
		4.3		Mount Kabau Access Road. Correspondence, Photo Album of Road Construction	1965-66 1969, 1971.
	26	4.4		Electrical Power Supply Mount Kabau - Proposals Correspondence	1965, 1968



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	36	4.5		Water Supply Mount Kabau, Water Licence Accounts, Cor- respondence	1964-66. 1970-73
				Queen Elizabeth II Telescope.	
		5	1	- General Correspondence, Reports	1964 - JUNE, 1965
		5	2	- Same as above	JUNE, 1965 TO NOV, 1965
		5	3	- Same as above.	1966, 1968
		5.1	1	Design & Engineering Studies - Telescope - Correspondence, Reports	1964-66
			2	- Same as above	1966-68
		5.2		Dome Design Correspond- ence, Report, Drawings	1966
		5.3		Mounting for Telescope. - Correspondence, Article, Sketches	1963-64, 1966
		5.4		Telescope Design. Correspond- ence, Reports	1966
	36	5.4.1		Telescope Controls Design. Correspondence, Reports	1966



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	26	5.5		Optics for Telescope - Including Focal Ratio, Second- ary Mirrors, Correspondence, Reports	1965 TO 1968
		5.6		150" Mirror Blank, General Electric Co., Quotation, Brochures, Annotated Photos of Kitt Peak Tests.	1964
		5.6		150" Mirror Blank. Regarding Tenders from G.E. Co. & Corning Glass Works, including Purchase Order to Corning. Correspondence, Reports, Drawings & Notes	1965
		5.6		150" Mirror Blank. Spec- ifications from Corning Glass Works	1964
	26	5.6		150" Mirror Blank. Includes Progress Reports from Corning Glass Works & Shipping Instruct- ions. Correspondence, Reports	1963 TO 1967
	37	5.7		Auxiliary Equipment (Alum- inizing Plant, Star Plate Meas- uring Machine, Image Tubes) Correspondence & Report	1964, 66
	37	6		Auxiliary Telescopes. Correspond- ence, Report	1964 TO 1966



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	37	6.1		Optical Shop & Equipment. Correspondence & Report.	1965 TO 1968
		7		Financing & Budgeting for Q.E. II Observatory including Staff Estimates, Correspondence, Reports, Estimates of Field Expenditure.	1964 TO 1968, 1969
		7.1		Applications for Employment. Correspondence	1965 TO 1966
		7.2		Employees General. Correspondence, Memorandum, Requests, Terminations	1965, 1967-70
		8	1	Purchase Requisitions. Orders Invoices, Receipts, Correspondence	1965 TO 1967
		8	2	Same as above	1967-69, 1970
		8.1		Quotations on Various Equipment. Including Optical Grinding Machine & Mirror Blank. Correspondence	1965 TO 1967
		9		Progress Reports to Deputy Minister. Dept. of Mines and Technical Surveys	1965
	37	9.1		Progress Reports - General Dist- ribution. Including Address List of Recipients and Drafts of "Bulletin # 3."	1965, 1967 TO 1968



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	37	10		Advisory Committee on Ast- ronomy, Minutes, Reports, Correspondence	1965 TO 1967
		10.1		Proposed Astronomical Inst- itute. Reports, Correspondence.	1964 TO 1967
		10.2		Senior Monitoring Committee for Q.E. II Telescope. Correspondence, Minutes	1967
		30	1	Proposal for Joint 200" Southern Observatory (Barso, Carnegie Institution's Southern Observ- atory) U.S. & Canada. Corr- espondence, Reports	1964 TO 1967
	37	30	2	Same as above	1967-68
	38			Q.E. II Observatory - Corres- pondence	1963 - 1966
				Same as above	1967
				Same as above	JAN- 1968 MAY
				Same as above	JUNE - 1968 AUG.
				Same as above	SEPT. - 1968 DEC
				Same as above	1969
	38			Q.E. II Observatory Correspondence	1970



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	38			QE. II - Observatory - Cor- respondence	1971
				QE. II Observatory, General Publicity. Lecture by Petrie. Popular Articles. Includes two Versions of Brochure	1963 TO 1966
			1	QE. II Observatory Development General. Memorandum, Cor- respondence, Reports	1964 TO 1965
			2	Same as above	1965
			3	Same as above	1965-67
				Proposed Telescope sites. Correspondence, Notes, Reprint	1963 TO 1964
				Site Characteristics - Seismo- logical at Mt. Kabau. Report including Graphs	1965
				Site Maps & Locations - Mt. Kabau. Maps, Correspondence, Graphs, Notes	1965
				Site Development - Mt. Kabau, Road Property. Schedules, Reports, Correspondence	1965 TO 1966
	38			Site Development - Mt. Kabau, Water Supply. Correspondence, Reports	1965





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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	38			Q.E. II Observatory, Engineering Consultants - Submissions, Contracts. Correspondence, Agenda, Copies of Contracts	1965
				Q.E. II. Observatory - Engineering Reports, Phase I & Mounting. Correspondence & Reports.	1965 TO 1966
				Q.E. II Observatory - Orientation Lectures for Design Engineers. Hand-Written Lecture Notes	1966
				Q.E. II - Observatory - Preliminary Drawings by G.A. Breasley	1965
				150" Telescope. Report from G.A. Breasley. Re: Mounting.	1965
				150" Telescope Cassegrainian Focus. Notes, Clippings	1966
				Photoelectric Telescope - Mt. Kabaau.	1965
				Optical Shop. Includes Draft Report from Consultants, Notes, Correspondence, Reports	1965 TO 1966
	38			A.B. Sanderson & Co. Ltd. Mount Kabaau National Observatory, Report on Preliminary Studies Optical Shop	MARCH 1966



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	39			QE. II Observatory - Estimates 1968-1969, Program Review 1969-74	1968-69, 1969-74
				QE. II Observatory - Post Estimates, Correspondence, Notes, Reports, Estimates.	1968 TO 1970
				Anglo-Australian Material - Proposal for Southern Hemisphere Observatory. Correspondence, Reports	1963
				Kitt Peak National Observatory Drawings of 150" Stellar Tel- lescope. Blueprints	1964
				Kitt Peak Observatory - 150" Telescope. Enquiries, Correspondence.	1965 TO 1966
				Kitt Peak National Observatory Report on 150" Telescope, Brochure, Reprint	1965
				Advisory Committee on Astronomy, Including Outline of Committee Formation, Correspondence, Reports	1965
				Proposed Astronomical Institute Correspondence.	1966
	39			Dominion Astrophysical Observatory, Victoria, B.C. 1966-67, 1965-67	1965 TO 1967



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	39			Photographs - Kitt Peak National Observatory	1965
				Photographs - Quartz Blanks	1964
				Photographs - Mt. Morado, Chile & Vicinity	1965 TO 1967
				Photographs, Mt. Kabaw, B.C.	1964
				Photographs - J. E. II Observatory. Model, Drawings	1965
				Photographs - Miscellaneous, Including Queen Elizabeth, Pearson & Duke of Edinburgh	N.D.
				Photographs - Mirror Transit Circle Instrument	1959 TO 1966
				Mirror Transit Circle Project - General Correspondence. Transcript of Article	1959 TO 1961, 1965
				Mirror Transit Circle Project U.S. Naval Observatory	1959 TO 1964
				Mirror Transit Circle Project - Dr. Johannes Heidenhain, West Germany	1962 TO 1966
	39			Mirror Transit Circle Project - Dominion Observatory, Ottawa, Cor- respondence, Articles, Blueprints	1958 TO 1962, 1968



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	539			Mirror Transit Circle Project - Higler & Watts Ltd., London	1953 - 1959
				Mirror Transit Circle Project - Perkin-Elmer Corp., Norwalk, Conn.	1959 TO 1961
				Mirror Transit Circle Project - Greenbank Rd., Ottawa & Mt. Kaban, B.C.	1966 TO 1968
	40			A Large Optical Telescope for Canada, Xerox copy of a Proposal	n.d.
				R.M. Petrie, "A Large Optical Tel- lescope for Canada," Offprint from The Journal of the Royal Astronomical Society of Canada, Vol. 57. No. 4	1963.
				The Queen Elizabeth Observat- ory	1964.
	40			Robert Douglas McClure, The Nature and Mode of Origin & Seeing Effects in a Large Re- flecting Telescope. Thesis sub- mitted - Master of Arts - University of Toronto	Oct. 1964.



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	40			Dilworth, Secord, Meagher & Assoc. Ltd. Summary of Preliminary Investigations of Telescope Mounting for a Proposed 150" Telescope - Report # 318/332	APRIL 1965
				Dilworth, Secord, Meagher & Assoc. Ltd., Interim Report - The Queen Elizabeth II Telescope Design Study Report # 318/418	Aug. 1966
				Dilworth, Secord, Meagher & Assoc. Ltd., Report on The Feasibility Study of Mirror Deflection Measurements by Means of a Model Test. Report # 343/420	JUNE 1966
				Dilworth, Secord, Meagher & Assoc. Ltd., Interim Report - The Primary Mirror Cell and Support System Q.E. II Telescope - Report # 343/322	AUG. 1966
				Dilworth, Secord, Meagher & Assoc. Ltd. Final Report on the Engineering Studies for the Q.E. II Telescope Program. Report # 318/571	FEB. 1969
	40			Dept. of Energy, Mines & Resources. Minutes of the second Meeting National Advisory Committee on Astronomy, Penticton, B.C.	OCT. 1966



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	40			Dominion Astrophysical Observatory, Victoria, B.C., Mount Kabaue National Observatory Bulletin No. 2	NOV. 1966
				Same as above for Bulletin # 3	APRIL 1968
				Pacific Region. Dept. of Public Works Second Regional Project Briefing Mt. Kabaue Project Feasibility Study & Implementation.	JUNE 1967
				Sidney Van Den Bergh, An Evaluation of the Mt. Kabaue Observatory Proposal	JUNE 1967
				G.J. Odgers & L.C. Secord, "The Queen Elizabeth II Optical Telescope." Offprint from The Engineering Journal.	FEB. 1968
				Dept. of Energy Mines & Resources, Ottawa, Canada's Future in Astronomy.	1970
	40			G.J. Odgers, "The Canadian 157" Telescope Project," Offprint from ESO/CERN Conference on Large Telescope Design, Geneva, March 1-5, 1971. No. 187	1971



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	40			E. B. F. Brosterhus, E. L. Flamenschmidt, and P. F. Younger, "Observing Conditions on Mt. Kobau," Off- print from, Journal of the Royal Astronomical Society of Canada, Vol. 66, No. 1	FEB. 1972
ACC 84-5/177	41	6075-1	1	Mount Kobau National Observ- atory - Q.E. II	Sept 1963 TO MAY 1964.
		6075-1	2	Same as above	MAY, 1964 TO DEC. 1964
		6075-1	3	Same as above	DEC. 1964 TO DEC. 1965
		6075-1	4	Same as above	JAN 1966 TO MARCH 1967
		6075-1	5	Same as above	MARCH 1967 TO JAN. 1968
		6075-1	6	Same as above	JAN. 1968 TO AUG. 1968
		6075-1	7	Same as above	AUG. TO OCT. 1968
		6075-1	8	Same as above	OCT. 1968 TO JAN. 1969
	41	6075-1	9	Same as above	OCT. 1968 TO AUG. 1969
	42	6075-1	10	Same as above.	AUG. 1969 TO JUNE 1970
		6085-2	1	Site Testing - Mount Kobau National Observatory	1967 TO 1969
	42			Progress Briefing - Mount Kobau Project	Jan. 1967



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Microform Microforme	Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
	42			Second Regional Project Briefing - Mt. Kalkau National Observatory	JUNE - SEPT. 1967
		1135-58	1	Committees - Science Secretariat Working Group on Astronomy (Rose Committee)	JUNE TO DEC. 1968.
		1135-58	2	Same as above	1968-69
		5010-2		Radio Astronomy	1956-67
		5010-4		Astronomy Solar Flare - NASA.	1961-66
		6110-1		Telescopes - Radio - Penticton	1958-69
				Plan showing Dominion Astrophysical Observatory Property.	1958
				Plans for Housing 16" Telescope. Dominion Astrophysical Observatory	1965.
	42.			Proposal, Specifications & Tender for 48" Reflecting Telescope, Dominion Astrophysical Observatory, Victoria, B.C.	1955 TO 1957