

FIRM NO.	2216422	CLASSIFICATION	FOR OFFICIAL USE ONLY	PROCESSING DATE	2 NOV 1961	WJR				
CODE	491	COUNTRY	USSR	PS	11	AF CHART	0160	ACTIVITY CODES	438	PL. NO.
LOCATION	S/T		NAME OF INSTALLATION		FBIS UNPUBLISHED					
DATE/INFO	DATE/SOURCE		CONTROL NO.		SOURCE					
DA	MO	YR	DA	MO	YR	EVAL				
-	-	-	28	SEP	61					

IRKUTSK RADIATION LAB -- A SCIENTIFIC STATION TO STUDY SOLAR RADIATION IS BEING SET UP BY THE USSR ACADEMY OF SCIENCES IN THE SPURS OF THE EASTERN SAYANY RANGE, MORE THAN 2,000 TWO THOUSAND METERS ABOVE SEA LEVEL. THE STATION WILL STUDY THE EFFECTS OF SOLAR RADIATION ON THE IONOSPHERE AND ON THE PROPAGATION OF RADIOWAVES ON THE EARTH. THEY WILL ALSO CONDUCT OBSERVATIONS OF COSMIC RAYS AND STUDY TERRESTRIAL ELECTRIC CURRENTS AND THE TERRESTRIAL MAGNETIC FIELD.  
(MOSCOW TASS ENGLISH EUROPE 1331 GMT 28 SEPTEMBER 1961--L)

FIRM NO.	<del>6002681</del>	CLASSIFICATION	UNCLASSIFIED	PROCESSING DATE						
CODE	491	COUNTRY	USSR	PS	1116	AF CHART	0160	ACTIVITY CODES	438	PL. NO.
LOCATION	SAYAN GORA		S/T	1		NAME OF INSTALLATION		SOLAR STA		
DATE/INFO	DATE/SOURCE		CONTROL NO.		SOURCE			EVAL		
DA	MO	YR	DA	MO	YR					

PERIODIC REPORT ON AEROSPACE IN THE USSR: 61-18  
High altitude Observation Station in the South of Siberia SG1A

According to a news item (Ref. 6, 30 Sept 1961, p. 4) the first high altitude station of the Sun Service in the eastern part of the USSR is being opened in Sayan Mts. at an altitude of over 2,000 m. above sea level. The station belongs to the mountain-solar expedition of the Institute of Terrestrial Magnetism, Ionosphere and Radiowave Propagation of the Siberian Branch, USSR Academy of Sciences.  
The Sayan high mountains were chosen for scientific observations because the Sun is covered by clouds only 17 days a year, on the average, in that region. The transparent, noticeably rarified air permits to conduct observations of the solar disk without the usual interferences.

FORM 12-60 326a USE PREVIOUS EDITIONS.

OFFICIAL USE ONLY FBIS 61 H 1762

(Approved Under Code 61 H 1761)  
The Institute of terrestrial magnetism, ionosphere, and distribution of cosmic rays, established in the latter part of 1950, has begun research of ionospheric phenomena occurring on the surface and in the earth. The study of ionosphere (below) flowing in the earth is of substantial significance for knowledge of soil formations at great depth, as well as for development of special methods, systems for surveying mineral deposits. The study of the ionosphere and the ionosphere, earth's magnetic field, and magnetic gales (bar) is conducted by the Institute according to the program of the International Geophysical Year to establish the influence of these phenomena on radio communication and navigation. The Institute will also study the influence of cosmic rays (kosmicheskiye izlucheniya) and phenomena occurring on the sun upon the ionosphere, the earth's magnetic field, radio communication, and navigation. (Irkutsk, Russian, Dec. 29, 1961, p. 1)

Approved For Release 2001/03/26 : CIA-RDP96-00787R000500130081-6

FIRM NO. 2210722		CLASSIFICATION UNCLASSIFIED		PROCESSING DATE JUN 1962	
Approved For Release 2001/03/26 : CIA-RDP96-00787R000500130081-6					
CODE 491	COUNTRY USSR	PS 1131	AF CHART	ACTIVITY CODES 438	PL. NO.
LOCATION IRKUTSK		S/T	NAME OF INSTALLATION TERRESTRIAL MAGNETISM INST		
DATE/INFO		DATE/SOURCE		PF	EVAL
DA	MO	YR	DA	MO	YR
-	-	-	26	DEC	61
CONTROL NO.			SOURCE CIA/OSI-RA/61-11 SCIENTIFIC INTELLIGENCE RESEARCH AID		

PRINCIPAL RADIOTELESCOPES OF THE SOVIET UNION

OVER

SIBERIAN INSTITUTE OF TERRESTRIAL MAGNETISM, THE IONOSPHERE,  
AND RADIOWAVE PROPAGATION

Alternate Name:  
Subordinate to: Eastern Siberian Branch, Academy of Sciences, USSR  
Location: Irkutsk  
52° N- 104° E

Functional Description

Engages in solar, cosmic ray, ionospheric, and geomagnetic research.

Technical Description

Personalities

Other Information

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