

TECHNICAL MANUAL) HEADQUARTERS,
) DEPARTMENT OF THE ARMY
 NO. 30-548) Washington 25, D. C., 12 June 1958

SOVIET TOPOGRAPHIC MAP SYMBOLS

CHAPTER 1 INTRODUCTION

	Page Number
Section I General	1
Section II Notes on Symbolization	1
Section III Soviet Mapping Responsibilities	1
Section IV Sheet Numbering System of Soviet Topographic Maps	2

CHAPTER 2 SYMBOLIZATION FOR MAPS AT THE SCALES OF 1:25,000, 1:50,000, 1:75,000, 1:100,000

Section I Inhabited Places	11
Section II Industrial and Agricultural Features	13
Section III Orientation Points and Local Features	15
Section IV Geodetic Points	17
Section V Pipelines	18
Section VI Boundaries and Barriers	18
Section VII Communications	20
Section VIII Railroads	20
Section IX Roads	22
Section X Hydrography	24
Section XI Relief	32
Section XII Soils and Vegetation	35
Section XIII Type Specimens	45

CHAPTER 3 SYMBOLIZATION FOR MAPS AT THE SCALE OF 1:10,000

Section I Populated Places	51
Section II Physical and Cultural Features	52
Section III Railroad Lines and Installations	55
Section IV Motor Truck Roads and Trails	56
Section V Examples of Highway and Railroad Symbolization	56
Section VI Boundaries and Fences	57
Section VII Hydrography	57
Section VIII Symbolization of Certain Elements of Relief	60
Section IX Vegetation	60
Section X Cultivated Lands, Gardens, Vineyards, Parks, and Lawns	62
Section XI Sections of Land Under Technical Cultures	62
Section XII Swamps, Sands, Solonchak(s), Takyrs(s)	62
Section XIII Examples of Combined Symbolization	63
Section XIV Type Specimens	65
Section XV Graphic Method of Determining Slope Gradients	69

CHAPTER 4 SYMBOLIZATION FOR MAPS AT THE SCALE OF 1:200,000

	Page Number
Section I Populated Places	71
Section II Roads and Railroads	72
Section III Hydrography	73
Section IV Soils and Vegetation	74
Section V Other Map Features	75

CHAPTER 5 SYMBOLIZATION FOR MAPS AT THE SCALE OF 1:500,000

Section I Populated Places	77
Section II Hydrography	78
Section III Railroads	79
Section IV Soils and Vegetation	79
Section V Other Map Features	80

CHAPTER 6 SYMBOLIZATION FOR MAPS AT THE SCALE OF 1:1,000,000

Section I Populated Places	83
Section II Political and Administrative Importance of Populated Places	84
Section III Roads and Railroads	85
Section IV Hydrography	85
Section V Other Map Features	86

APPENDIX I RUSSIAN ALPHABET TRANSLITERATION ACCORDING TO U. S. BOARD OF GEOGRAPHIC NAMES

APPENDIX II TOPOGRAPHIC ABBREVIATIONS AND THEIR MEANINGS

APPENDIX III TRANSLATIONS OF SELECTED MAP TERMS