
Information technology — Universal Coded Character Set (UCS)

AMENDMENT 1: Dogra, Gunjala Gondi, Makasar, Medefaidrin, Indic Siyaq Numbers and other characters

Technologies de l'information — Jeu universel de caractères codés (JUC)

*AMENDEMENT 1: Chiffres dogra, gunjala gondi, makassar,
médéfaïdrine, Siyâk indiens et autres caractères*





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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 2, *Coded character sets*.

This amendment includes the following significant changes with respect to the fifth edition (ISO/IEC 10646:2017):

- New scripts covered: Dogra, Gunjala Gondi, Hanifi Rohingya, Makasar, Medefaidrin, Old Sogdian, Sogdian,
- Existing script significantly extended: Kana,
- New Emoji symbols.

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All document

Replace all occurrences of "This international standard" by "This document".

24.1 List of source references (for Tangut ideographs)

In the list of Tangut sources, insert the following entries:

L2012	Lǐ Fànwén 2012 (Tangut-Chinese Dictionary, 3rd edition)
UTN42	Unicode Technical Note #42: Tangut Character Additions and Glyphs Corrections

24.2 Source reference file for Tangut ideographs

In table 6, add the format definitions L2012-dddd and UT42-ddd to the list of third field format for kTGT_MergedSrc.

Update the link with following:

<http://standards.iso.org/iso-iec/10646/ed-5/en/amd/1/TangutSrc.txt>

33 Code charts and list of character names

1. Modifications to existing blocks

Insert the additional character glyphs and names at the indicated positions in the blocks given below.

Plane 00

Armenian

Hebrew

NKo

Arabic Extended-A

Bengali

Gurmukhi

Telugu

Kannada

Mongolian

Miscellaneous Symbols and Arrows

Supplemental Punctuation

Bopomofo

Latin Extended-D

Devanagari Extended

ISO/IEC 10646:2017/Amd.1:2019(E)

Plane 01

Kharoshthi
Kaithi
Chakma
Grantha
Newa
Ahom
Zanabazar Square
Soyombo
Tangut
Kana Supplement
Counting Rod Numerals
Enclosed Alphanumeric Supplement
Transport and Map Symbols
Geometric Shapes Extended
Supplemental Symbols and Pictographs

These blocks contain new characters and names at the following code positions:

0560 0588 05EF 07FD-07FF 08D3 09FE 0A76 0C04 0C84 1878 2BBA-2BBC 2BD3-2BEB 2BF0-2BFE
2E4A-2E4E 312F A7AF A7B8-A7B9 A8FE-A8FF 10A34-10A35 10A48 110CD 11144-11146 1133B
1145E 1171A 11A45-11A47 11A9D 187ED-187F1 1B002-1B0FF 1D372-1D378 1F12F 1F6F7-1F6F8
1F7D5-1F7D8 1F91F 1F928-1F92F 1F931-1F932 1F94C 1F95F-1F96B 1F992-1F997 1F9D0-1F9E6

And updated graphic representation at the following code positions:

0C8C 0CE1 0CF1-0CF2 2626 26F0 1F301 1F308 1F335 1F373 1F3B1 1F3B5-1F3B6 1F409 1F40B
1F432 1F450 1F47B 1F47E 1F4A9-1F4AA 1F4DC 1F602 1F605 1F607 1F609 1F60C 1F60F 1F612-
1F616 1F618 1F61A-1F61F 1F621-1F62D 1F630-1F635 1F637 1F639 1F63C-1F63D 1F63F-1F640
1F644-1F645 1F64C 1F64E-1F64F 1F6F6 1F912 1F914 -1F915 1F917 1F922 1F926-1F927 1F938-
1F93E 1F95C 1F985-1F987 1F98E-1F990

2. New blocks

Insert the following additional blocks.

Plane 01

Hanifi Rohingya
Old Sogdian
Sogdian
Dogra
Gunjala Gondi
Makasar
Medefaidrin
Kana Extended-A
Mayan Numerals
Indic Siyaq Numbers
Chess Symbols

These blocks add new characters and names at the following code positions:

10D00-10D27 10D30-10D39 10F00-10F27 10F30-10F59 11800-1183B 11D60-11D65 11D67-11D68
11D6A-11D8E 11D90-11D91 11D93-11D98 11DA0-11DA9 11EE0-11EF8 16E40-16E9A 1B100-
1B11E 1D2E0-1D2F3 1EC71-1ECB4 1FA60-1FA6D

Annex A.1

Add a '*' (for fixed collection) for the following collection:

153 DEVANAGARI EXTENDED

In the list of collection numbers and names, after

1101 SUPPLEMENTAL SYMBOLS AND PICTOGRAPHS

insert the new entry as follows:

1102 HANIFI ROHINGGYA 10D00-10D3F

In the list of collection numbers and names, after

1108 ADLAM

insert the new entry as follows:

1109 OLD SOGDIAN	10F00-10F2F
1110 SOGDIAN	10F30-10F6F
1111 DOGRA	11800-1184F
1112 GUNJALA GONDI	11D60-11DAF
1113 MAKASAR	11EE0-11EFF
1114 MEDEFADRIN	16E40-16E9F
1115 KANA EXTENDED-A	1B100-1B12F
1116 MAYAN NUMERALS	1D2E0-1D2FF
1117 INDIC SIYAQ NUMBERS	1EC70-1ECBF
1118 CHESS SYMBOLS	1FA00-1FA6F

In the list of collection numbers and names, after

316 UNICODE 9.0

insert the new entry as follows:

317 UNICODE 10.0 see A.6 *

In the list of collection numbers and names, after

374 JIS X 0213:2004 IDEOGRAPHS FROM...

insert the new entry as follows:

375 JAPANESE CORE KANJI see A.4.6 *

Annex A.1

In the alphabetical list of keywords in Note 3, add the value 1115 to the Hiragana and Katakana entries, and the value 1118 to the Symbols entry; and insert the following entries:

Dogra	1111
Gunjala Gondi	1112
Hanifi Rohingya	1102
Indic Siyaq Numbers	1117
Makasar	1113
Mayan	1116
Medefaidrin	1114
Old Sogdian	1109
Sogdian	1110

ISO/IEC 10646:2017/Amd.1:2019(E)

Annex A.2.2

In the list of blocks in the SMP, insert the following new entries:

HANIFI ROHINGYA	10D00-10D3F
OLD SOGDIAN	10F00-10F2F
SOGDIAN	10F30-10F6F
DOGRA	11800-1184F
GUNJALA GONDI	11D60-11DAF
MAKASAR	11EE0-11EFF
MEDEFAIDRIN	16E40-16E9F
KANA EXTENDED-A	1B100-1B12F
MAYAN NUMERALS	1D2E0-1D2FF
INDIC SIYAQ NUMBERS	1EC70-1ECBF
CHESS SYMBOLS	1FA00-1FA6F

Annex A.4 CJK collections

Add a new sub-clause as follows:

A.4.6 375 JAPANESE CORE KANJI

The fixed collection 375 JAPANESE CORE KANJI consists of 2136 CJK ideographs. All but four of these ideographs are identified by a J0 source. The code points of these four ideograph are: U+525D (J3A source), U+5861 (J13 source), U+9830 (J13 source), and U+20B9F (J3A source).

NOTE 1 – Given its large size and the large number of sparse ranges, the collection is not specified by code point ranges in this document but instead by a linked content.

The fixed collection 375 is defined by a machine-readable format that is accessible as a link:

<http://standards.iso.org/iso-iec/10646/ed-5/en/amd/1/JapaneseCoreKanji.txt>

The content linked to is a plain text file, using ISO/IEC 646-IRV characters with CARRIAGE RETURN/LINE FEED as end of line mark, which specifies, after a 5-lines header, as many lines as characters in the collection; each containing the following information in a fixed length field:

- UCS code point (hhhh or hhhhh), normative

The format definition for the code point uses ‘h’ as a hexadecimal unit.

Annex A.6 Unicode collections

Insert the new entry as follows:

317 UNICODE 10.0 Age property value less than or equal to 10.0

Annex G

Insert each of the new character name entries at the appropriate position, ordered alphabetically by the character name, in the list of character names in Annex G. These new names are provided in a machine-readable format that is accessible as a link to this document.

<http://standards.iso.org/iso-iec/10646/ed-5/en/amd/1/Am1names.txt>

	053	054	055	056	057	058
0		Հ 0540	Ր 0550	մ 0560	Հ 0570	ր 0580
1	Ա 0531	Զ 0541	Յ 0551	ա 0561	ճ 0571	յ 0581
2	Բ 0532	Ղ 0542	Ի 0552	բ 0562	ղ 0572	լ 0582
3	Գ 0533	Ճ 0543	Փ 0553	գ 0563	ճ 0573	փ 0583
4	Դ 0534	Մ 0544	Ք 0554	դ 0564	մ 0574	ք 0584
5	Ե 0535	Յ 0545	Օ 0555	ե 0565	յ 0575	օ 0585
6	Զ 0536	Ն 0546	Ծ 0556	զ 0566	ն 0576	ֆ 0586
7	Է 0537	Շ 0547		է 0567	շ 0577	լ 0587
8	Ը 0538	Ո 0548		ը 0568	ո 0578	ֆ 0588
9	Թ 0539	Չ 0549	Ս 0559	թ 0569	չ 0579	։ 0589
A	Ժ 053A	Պ 054A	Վ 055A	ժ 056A	պ 057A	հ 058A
B	Ի 053B	Ջ 054B	Վ 055B	ի 056B	ջ 057B	
C	Լ 053C	Դ 054C	Ն 055C	լ 056C	ռ 057C	
D	Խ 053D	Ս 054D	Վ 055D	խ 056D	ւ 057D	
E	Ծ 053E	Վ 054E	Ն 055E	ծ 056E	վ 057E	
F	Կ 053F	Տ 054F	Վ 055F	կ 056F	տ 057F	դ 058F

Uppercase letters

0531	Ա	ARMENIAN CAPITAL LETTER AYB
0532	Բ	ARMENIAN CAPITAL LETTER BEN
0533	Գ	ARMENIAN CAPITAL LETTER GIM
0534	Դ	ARMENIAN CAPITAL LETTER DA
0535	Ե	ARMENIAN CAPITAL LETTER ECH
0536	Զ	ARMENIAN CAPITAL LETTER ZA
0537	Է	ARMENIAN CAPITAL LETTER EH
0538	Ը	ARMENIAN CAPITAL LETTER ET
0539	Թ	ARMENIAN CAPITAL LETTER TO
053A	Ճ	ARMENIAN CAPITAL LETTER ZHE
053B	Ի	ARMENIAN CAPITAL LETTER INI
053C	Լ	ARMENIAN CAPITAL LETTER LIWN
053D	Խ	ARMENIAN CAPITAL LETTER XEH
053E	Վ	ARMENIAN CAPITAL LETTER CA
053F	Կ	ARMENIAN CAPITAL LETTER KEN
0540	Հ	ARMENIAN CAPITAL LETTER HO
0541	Ջ	ARMENIAN CAPITAL LETTER JA
0542	Ղ	ARMENIAN CAPITAL LETTER GHAD
0543	Ճ	ARMENIAN CAPITAL LETTER CHEH
0544	Ս	ARMENIAN CAPITAL LETTER MEN
0545	Յ	ARMENIAN CAPITAL LETTER YI
0546	Ն	ARMENIAN CAPITAL LETTER NOW
0547	Շ	ARMENIAN CAPITAL LETTER SHA
0548	Ո	ARMENIAN CAPITAL LETTER VO
0549	Չ	ARMENIAN CAPITAL LETTER CHA
054A	Պ	ARMENIAN CAPITAL LETTER PEH
054B	Ջ	ARMENIAN CAPITAL LETTER JHEH
054C	Ռ	ARMENIAN CAPITAL LETTER RA
054D	Ս	ARMENIAN CAPITAL LETTER SEH
054E	Վ	ARMENIAN CAPITAL LETTER VEW
054F	Տ	ARMENIAN CAPITAL LETTER TIWN
0550	Ր	ARMENIAN CAPITAL LETTER REH
0551	Ց	ARMENIAN CAPITAL LETTER CO
0552	Ի	ARMENIAN CAPITAL LETTER YIWN
0553	Փ	ARMENIAN CAPITAL LETTER PIWR
0554	Ք	ARMENIAN CAPITAL LETTER KEH
0555	Օ	ARMENIAN CAPITAL LETTER OH
0556	Ֆ	ARMENIAN CAPITAL LETTER FEH

Modifier letters

0559	՝	ARMENIAN MODIFIER LETTER LEFT HALF RING → 02BD ՝ modifier letter reversed comma → 02BF ՝ modifier letter left half ring → 0314 ֊ combining reversed comma above
055A	՛	ARMENIAN APOSTROPHE = armenian modifier letter right half ring (1.0) → 02BC ՛ modifier letter apostrophe → 02BE ՛ modifier letter right half ring → 0313 ֋ combining comma above
055B	՛	ARMENIAN EMPHASIS MARK = shesht → 02CA ՛ modifier letter acute accent
055C	~	ARMENIAN EXCLAMATION MARK = batsaganchakan nshan • marks intonation on word, rather than occurring finally
055D	`	ARMENIAN COMMA = bowt → 02CB ` modifier letter grave accent

055E	՞	ARMENIAN QUESTION MARK = hartsakan nshan • marks intonation on word, rather than occurring finally
055F	↵	ARMENIAN ABBREVIATION MARK = patiw

Lowercase letters

0560	ա	ARMENIAN SMALL LETTER TURNED AYB • used for phonetic notation
0561	ա	ARMENIAN SMALL LETTER AYB
0562	բ	ARMENIAN SMALL LETTER BEN
0563	գ	ARMENIAN SMALL LETTER GIM
0564	դ	ARMENIAN SMALL LETTER DA
0565	ե	ARMENIAN SMALL LETTER ECH
0566	զ	ARMENIAN SMALL LETTER ZA
0567	է	ARMENIAN SMALL LETTER EH
0568	ը	ARMENIAN SMALL LETTER ET
0569	թ	ARMENIAN SMALL LETTER TO
056A	ճ	ARMENIAN SMALL LETTER ZHE
056B	ի	ARMENIAN SMALL LETTER INI
056C	լ	ARMENIAN SMALL LETTER LIWN
056D	խ	ARMENIAN SMALL LETTER XEH
056E	վ	ARMENIAN SMALL LETTER CA
056F	կ	ARMENIAN SMALL LETTER KEN
0570	հ	ARMENIAN SMALL LETTER HO
0571	ձ	ARMENIAN SMALL LETTER JA
0572	ղ	ARMENIAN SMALL LETTER GHAD
0573	ճ	ARMENIAN SMALL LETTER CHEH
0574	մ	ARMENIAN SMALL LETTER MEN
0575	յ	ARMENIAN SMALL LETTER YI
0576	ն	ARMENIAN SMALL LETTER NOW
0577	շ	ARMENIAN SMALL LETTER SHA
0578	ո	ARMENIAN SMALL LETTER VO
0579	չ	ARMENIAN SMALL LETTER CHA
057A	պ	ARMENIAN SMALL LETTER PEH
057B	զ	ARMENIAN SMALL LETTER JHEH
057C	ր	ARMENIAN SMALL LETTER RA
057D	ս	ARMENIAN SMALL LETTER SEH
057E	վ	ARMENIAN SMALL LETTER VEW
057F	տ	ARMENIAN SMALL LETTER TIWN
0580	ր	ARMENIAN SMALL LETTER REH
0581	ց	ARMENIAN SMALL LETTER CO
0582	լ	ARMENIAN SMALL LETTER YIWN
0583	փ	ARMENIAN SMALL LETTER PIWR
0584	ք	ARMENIAN SMALL LETTER KEH
0585	օ	ARMENIAN SMALL LETTER OH
0586	ֆ	ARMENIAN SMALL LETTER FEH
0587	և	ARMENIAN SMALL LIGATURE ECH YIWN ≈ 0565 ե 0582 լ
0588	յ	ARMENIAN SMALL LETTER YI WITH STROKE • used for phonetic notation

Punctuation

0589	:	ARMENIAN FULL STOP = vertsaket • may also be used for historic Georgian texts → 003A : colon
058A	–	ARMENIAN HYPHEN = yentamna

Religious symbols

058D	✞	RIGHT-FACING ARMENIAN ETERNITY SIGN
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058E  LEFT-FACING ARMENIAN ETERNITY SIGN
• maps to AST 34.005:1997

Currency symbol

058F  ARMENIAN DRAM SIGN

	059	05A	05B	05C	05D	05E	05F
0							
1							
2							
3							
4							
5							
6							
7							
8							
9							
A							
B							
C							
D							
E							
F							

Hebrew

05B8 HEBREW POINT QAMATS

0591	◌ְ	HEBREW ACCENT ETNAHTA = atnah
0592	◌ֿ	HEBREW ACCENT SEGOL = segolta
0593	◌ֹ	HEBREW ACCENT SHALSHELET
0594	◌ֻ	HEBREW ACCENT ZAQEF QATAN
0595	◌ִ	HEBREW ACCENT ZAQEF GADOL
0596	◌ֶ	HEBREW ACCENT TIPEHA = tarha, me'ayla ~ mayla
0597	◌ֵ	HEBREW ACCENT REVIA
0598	◌ִֿ	HEBREW ACCENT ZARQA = tsinorit, zinorit; tsinor, zinor • This character is to be used when Zarqa or Tsinor are placed above, and also for Tsinorit. → 05AE ◌ִֿ hebrew accent zinor
0599	◌ִֿ	HEBREW ACCENT PASHTA
059A	◌ִֿ	HEBREW ACCENT YETIV
059B	◌ִֿ	HEBREW ACCENT TEVIR
059C	◌ִֿ	HEBREW ACCENT GERESH = teres
059D	◌ִֿ	HEBREW ACCENT GERESH MUQDAM
059E	◌ִֿ	HEBREW ACCENT GERSHAYIM
059F	◌ִֿ	HEBREW ACCENT QARNEY PARA = pazer gadol
05A0	◌ִֿ	HEBREW ACCENT TELISHA GEDOLA
05A1	◌ִֿ	HEBREW ACCENT PAZER = pazer qatan
05A2	◌ִֿ	HEBREW ACCENT ATNAH HAFUKH → 05AA ◌ִֿ hebrew accent yerah ben yomo
05A3	◌ִֿ	HEBREW ACCENT MUNAH
05A4	◌ִֿ	HEBREW ACCENT MAHAPAKH
05A5	◌ִֿ	HEBREW ACCENT MERKHA = yored
05A6	◌ִֿ	HEBREW ACCENT MERKHA KEFULA
05A7	◌ִֿ	HEBREW ACCENT DARGA
05A8	◌ִֿ	HEBREW ACCENT QADMA = azla
05A9	◌ִֿ	HEBREW ACCENT TELISHA QETANA
05AA	◌ִֿ	HEBREW ACCENT YERAH BEN YOMO = galgal → 05A2 ◌ִֿ hebrew accent atnah hafukh
05AB	◌ִֿ	HEBREW ACCENT OLE
05AC	◌ִֿ	HEBREW ACCENT ILUY
05AD	◌ִֿ	HEBREW ACCENT DEHI
05AE	◌ִֿ	HEBREW ACCENT ZINOR = tsinor; zarqa • This character is to be used when Zarqa or Tsinor are placed above left. → 0598 ◌ִֿ hebrew accent zarqa
05AF	◌ִֿ	HEBREW MARK MASORA CIRCLE

05B8	◌ֿ	HEBREW POINT QAMATS
		used generically or as qamats gadol in orthography which distinguishes that from qamats qatan
		→ 05C7 ◌ֿ hebrew point qamats qatan
05B9	◌ׁ	HEBREW POINT HOLAM
05BA	◌ׂ	HEBREW POINT HOLAM HASER FOR VAV
05BB	◌׃	HEBREW POINT QUBUTS
05BC	◌ׄ	HEBREW POINT DAGESH OR MAPIQ
		= shuruq
		falls within the base letter
05BD	◌ֿ׀	HEBREW POINT METEG
		= siluq
		may be used as a Hebrew accent sof pasuq
05BE	ֿ׀׀	HEBREW PUNCTUATION MAQAF
05BF	◌ׇ	HEBREW POINT RAFE
		→ FB1E ◌ׇ hebrew point judeo-spanish varika
05C0	◌ׁ׀	HEBREW PUNCTUATION PASEQ
		= legarmeh
		may be treated as spacing punctuation, not as a point
		→ 007C vertical line
05C1	◌׃׀	HEBREW POINT SHIN DOT
05C2	◌׃ׁ	HEBREW POINT SIN DOT
05C3	׃	HEBREW PUNCTUATION SOF PASUQ
		may be used as a Hebrew punctuation colon
		→ 003A : colon

05C4 ◉ HEBREW MARK UPPER DOT
05C5 ◉ HEBREW MARK LOWER DOT
• punctum extraordinarium (Psalms 27:13)
→ 05B4 ♀ hebrew point hirig

05C6	𐤊	HEBREW PUNCTUATION NUN HAFUKHA
		• does not historically derive from the letter nun
		→ 05E0 𐤍 hebrew letter nun
05C7	𐤇	HEBREW POINT QAMATS QATAN
		→ 05B8 𐤆 hebrew point qamats

05D0	א	HEBREW LETTER ALEF = aleph → 2135 א alef symbol
05D1	ב	HEBREW LETTER BET → 2136 ב bet symbol
05D2	ג	HEBREW LETTER GIMEL → 2137 ג gimel symbol
05D3	ד	HEBREW LETTER DALET → 2138 ד dalet symbol
05D4	ה	HEBREW LETTER HE
05D5	ו	HEBREW LETTER VAV
05D6	ז	HEBREW LETTER ZAYIN
05D7	ח	HEBREW LETTER HET
05D8	ט	HEBREW LETTER TET
05D9	י	HEBREW LETTER YOD
05DA	ך	HEBREW LETTER FINAL KAF
05DB	כ	HEBREW LETTER KAF
05DC	ל	HEBREW LETTER LAMED
05DD	ם	HEBREW LETTER FINAL MEM
05DE	מ	HEBREW LETTER MEM
05DF	נ	HEBREW LETTER FINAL NUN
05E0	ן	HEBREW LETTER NUN

05E1	ס	HEBREW LETTER SAMEKH
05E2	ע	HEBREW LETTER AYIN
05E3	ף	HEBREW LETTER FINAL PE
05E4	פ	HEBREW LETTER PE
05E5	ץ	HEBREW LETTER FINAL TSADI
05E6	צ	HEBREW LETTER TSADI = zade
05E7	ק	HEBREW LETTER QOF
05E8	ר	HEBREW LETTER RESH
05E9	ש	HEBREW LETTER SHIN
05EA	ת	HEBREW LETTER TAV

Sign

05EF	׃	HEBREW YOD TRIANGLE
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Yiddish digraphs

05F0	װ	HEBREW LIGATURE YIDDISH DOUBLE VAV = tsvey vovn
05F1	ױ	HEBREW LIGATURE YIDDISH VAV YOD
05F2	ײ	HEBREW LIGATURE YIDDISH DOUBLE YOD = tsvey yudn

Additional punctuation

05F3	'	HEBREW PUNCTUATION GERESH → 0027 ' apostrophe
05F4	"	HEBREW PUNCTUATION GERSHAYIM → 0022 " quotation mark

	07C	07D	07E	07F
0	 07C0	 07D0	 07E0	 07F0
1	 07C1	 07D1	 07E1	 07F1
2	 07C2	 07D2	 07E2	 07F2
3	 07C3	 07D3	 07E3	 07F3
4	 07C4	 07D4	 07E4	 07F4
5	 07C5	 07D5	 07E5	 07F5
6	 07C6	 07D6	 07E6	 07F6
7	 07C7	 07D7	 07E7	 07F7
8	 07C8	 07D8	 07E8	 07F8
9	 07C9	 07D9	 07E9	 07F9
A	 07CA	 07DA	 07EA	 07FA
B	 07CB	 07DB	 07EB	 07FB
C	 07CC	 07DC	 07EC	 07FC
D	 07CD	 07DD	 07ED	 07FD
E	 07CE	 07DE	 07EE	 07FE
F	 07CF	 07DF	 07EF	 07FF

Digits

07C0	0	NKO DIGIT ZERO
07C1	1	NKO DIGIT ONE
07C2	2	NKO DIGIT TWO
07C3	3	NKO DIGIT THREE
07C4	4	NKO DIGIT FOUR
07C5	5	NKO DIGIT FIVE
07C6	6	NKO DIGIT SIX
07C7	7	NKO DIGIT SEVEN
07C8	8	NKO DIGIT EIGHT
07C9	9	NKO DIGIT NINE

Letters

07CA	A	NKO LETTER A
07CB	B	NKO LETTER EE
07CC	Y	NKO LETTER I
07CD	Λ	NKO LETTER E
07CE	U	NKO LETTER U
07CF	3	NKO LETTER OO
07D0	Q	NKO LETTER O
07D1	z	NKO LETTER DAGBASINNA
07D2	q	NKO LETTER N
07D3	F	NKO LETTER BA
07D4	1	NKO LETTER PA
07D5	b	NKO LETTER TA
07D6	γ	NKO LETTER JA
07D7	1	NKO LETTER CHA
07D8	W	NKO LETTER DA
07D9	†	NKO LETTER RA
07DA	‡	NKO LETTER RRA
07DB	□	NKO LETTER SA
07DC	∇	NKO LETTER GBA
07DD	♢	NKO LETTER FA
07DE	4	NKO LETTER KA
07DF	9	NKO LETTER LA
07E0	T	NKO LETTER NA WOLOSO
07E1	Δ	NKO LETTER MA
07E2	3	NKO LETTER NYA
07E3	7	NKO LETTER NA
07E4	1	NKO LETTER HA
07E5	8	NKO LETTER WA
07E6	4	NKO LETTER YA
07E7	3	NKO LETTER NYA WOLOSO

Archaic letters

07E8	7	NKO LETTER JONA JA
07E9	2	NKO LETTER JONA CHA
07EA	†	NKO LETTER JONA RA → 07D9 † nko letter ra

Tone marks

07EB	◌̊	NKO COMBINING SHORT HIGH TONE → 0304 ◌̊ combining macron
07EC	◌̋	NKO COMBINING SHORT LOW TONE → 0303 ◌̋ combining tilde
07ED	◌̌	NKO COMBINING SHORT RISING TONE → 0307 ◌̌ combining dot above
07EE	◌̍	NKO COMBINING LONG DESCENDING TONE → 0302 ◌̍ combining circumflex accent
07EF	◌̎	NKO COMBINING LONG HIGH TONE
07F0	◌̏	NKO COMBINING LONG LOW TONE
07F1	◌̐	NKO COMBINING LONG RISING TONE

Other diacritics

07F2	◌̑	NKO COMBINING NASALIZATION MARK → 0323 ◌̑ combining dot below
07F3	◌̒	NKO COMBINING DOUBLE DOT ABOVE → 0308 ◌̒ combining diaeresis

Tonal apostrophes

These apostrophes mark elision of a vowel while preserving the tonal information of the syllable.

07F4	’	NKO HIGH TONE APOSTROPHE → 02BC ’ modifier letter apostrophe
07F5	‘	NKO LOW TONE APOSTROPHE → 02BB ‘ modifier letter turned comma

Symbol

07F6	2	NKO SYMBOL OO DENNEN • indicates remote future placement of the topic under discussion
------	---	---

Punctuation

07F7	☪	NKO SYMBOL GBAKURUNEN • marks end of a major section of text • symbol represents the three stones holding a cooking pot over a fire
07F8	⋮	NKO COMMA
07F9	⋮	NKO EXCLAMATION MARK

Letter extender

07FA	_	NKO LAJANYALAN → 005F _ low line → 0640 - arabic tatweel
------	---	--

Abbreviation sign

07FD	⸱	NKO DANTAYALAN • used to abbreviate units of measure → 032A ◌̑ combining bridge below
------	---	---

Currency signs

07FE	⸱	NKO DOROME SIGN → 07D8 W nko letter da
07FF	⸱	NKO TAMAN SIGN → 07D5 b nko letter ta

08A0

Arabic Extended-A

08FF

	08A	08B	08C	08D	08E	08F
0	ب 08A0	گ 08B0			ه 08E0	و 08F0
1	ب 08A1	و 08B1			و 08E1	و 08F1
2	ج 08A2	ز 08B2			ا 08E2	و 08F2
3	ظ 08A3	ع 08B3		و 08D3	و 08E3	و 08F3
4	ق 08A4	ك 08B4		و 08D4	و 08E4	و 08F4
5	ق 08A5			و 08D5	و 08E5	و 08F5
6	ل 08A6	ب 08B6		و 08D6	و 08E6	و 08F6
7	م 08A7	پ 08B7		و 08D7	و 08E7	و 08F7
8	ي 08A8	ت 08B8		و 08D8	و 08E8	و 08F8
9	ي 08A9	ر 08B9		و 08D9	و 08E9	و 08F9
A	ر 08AA	ي 08BA		و 08DA	و 08EA	و 08FA
B	و 08AB	ف 08BB		السجدة و 08DB	و 08EB	و 08FB
C	ي 08AC	و 08BC		النصف و 08DC	و 08EC	و 08FC
D	ا 08AD	ن 08BD		و 08DD	و 08ED	و 08FD
E	د 08AE			ق 08DE	و 08EE	و 08FE
F	ص 08AF			و 08DF	و 08EF	و 08FF

Arabic letters for African languages

- 08A0 ب ARABIC LETTER BEH WITH SMALL V BELOW
- 08A1 ب ARABIC LETTER BEH WITH HAMZA ABOVE
- Adamawa Fulfulde (Cameroon)
 - used for the implosive bilabial stop
 - 0253 ɓ latin small letter b with hook
- 08A2 عج ARABIC LETTER JEEM WITH TWO DOTS ABOVE
- 08A3 ظ ARABIC LETTER TAH WITH TWO DOTS ABOVE
- 08A4 فب ARABIC LETTER FEH WITH DOT BELOW AND THREE DOTS ABOVE
- 08A5 قى ARABIC LETTER QAF WITH DOT BELOW
- 08A6 ثل ARABIC LETTER LAM WITH DOUBLE BAR
- 08A7 م ARABIC LETTER MEEM WITH THREE DOTS ABOVE
- 08A8 ئي ARABIC LETTER YEH WITH TWO DOTS BELOW AND HAMZA ABOVE
- Adamawa Fulfulde
 - used for the implosive palatal approximant, realized as pharyngealization of the approximant
 - 01B4 y' latin small letter y with hook
- 08A9 ئي ARABIC LETTER YEH WITH TWO DOTS BELOW AND DOT ABOVE
- Adamawa Fulfulde
 - used for the voiced palatal nasal
 - 0272 ɲ latin small letter n with left hook

Dependent consonants for Rohingya

- 08AA ر ARABIC LETTER REH WITH LOOP
- = bottya-reh
- 08AB و ARABIC LETTER WAW WITH DOT WITHIN
- = nota-wa
- 08AC ڤ ARABIC LETTER ROHINGYA YEH
- = bottya-yeh

Arabic letters for European and Central Asian languages

- 08AD ا ARABIC LETTER LOW ALEF
- Bashkir, Tatar
- 08AE ڤ ARABIC LETTER DAL WITH THREE DOTS BELOW
- Belarusian
- 08AF ڤي ARABIC LETTER SAD WITH THREE DOTS BELOW
- Belarusian
- 08B0 گي ARABIC LETTER GAF WITH INVERTED STROKE
- Crimean Tatar, Chechen, Lak
- 08B1 و ARABIC LETTER STRAIGHT WAW
- Tatar

Arabic letter for Berber

- 08B2 ز ARABIC LETTER ZAIN WITH INVERTED V ABOVE

Arabic letters for Arwi

- 08B3 ع ARABIC LETTER AIN WITH THREE DOTS BELOW
- 08B4 ك ARABIC LETTER KAF WITH DOT BELOW

Arabic letters for Bravanese

- 08B6 ب ARABIC LETTER BEH WITH SMALL MEEM ABOVE
- 08B7 پ ARABIC LETTER PEH WITH SMALL MEEM ABOVE
- 08B8 ت ARABIC LETTER TEH WITH SMALL TEH ABOVE
- 08B9 ز ARABIC LETTER REH WITH SMALL NOON ABOVE
- 08BA ئي ARABIC LETTER YEH WITH TWO DOTS BELOW AND SMALL NOON ABOVE

Arabic letters for Warsh orthography

The Warsh orthography is the most widespread tradition for the Arabic script in North and West Africa.

- 08BB ف ARABIC LETTER AFRICAN FEH
- initial and medial forms have one dot below
 - 06A1 ف arabic letter dotless feh
 - 06A2 ف arabic letter feh with dot moved below
- 08BC ق ARABIC LETTER AFRICAN QAF
- initial and medial forms have one dot above
 - 066F ق arabic letter dotless qaf
 - 06A7 ق arabic letter qaf with dot above
- 08BD ن ARABIC LETTER AFRICAN NOON
- initial and medial forms have one dot above
 - 06BA ن arabic letter noon ghunna
 - 0646 ن arabic letter noon

Quranic annotation signs

- 08D3 ٲ ARABIC SMALL LOW WAW
- 08D4 ٲ ARABIC SMALL HIGH WORD AR-RUB
- 08D5 ٲ ARABIC SMALL HIGH SAD
- 08D6 ٲ ARABIC SMALL HIGH AIN
- 08D7 ٲ ARABIC SMALL HIGH QAF
- 08D8 ٲ ARABIC SMALL HIGH NOON WITH KASRA
- 08D9 ٲ ARABIC SMALL LOW NOON WITH KASRA
- 08DA ٲ ARABIC SMALL HIGH WORD ATH-THALATHA
- 08DB ٲ ARABIC SMALL HIGH WORD AS-SAJDA
- 08DC ٲ ARABIC SMALL HIGH WORD AN-NISF
- 08DD ٲ ARABIC SMALL HIGH WORD SAKTA
- 08DE ٲ ARABIC SMALL HIGH WORD QIF
- 08DF ٲ ARABIC SMALL HIGH WORD WAQFA
- 08E0 ٲ ARABIC SMALL HIGH FOOTNOTE MARKER
- 08E1 ٲ ARABIC SMALL HIGH SIGN SAFHA
- 08E2 ٲ ARABIC DISPUTED END OF AYAH

Extended vowel sign for Arwi

- 08E3 ٲ ARABIC TURNED DAMMA BELOW

Extended vowel signs for Rohingya

- 08E4 ٲ ARABIC CURLY FATHA
- 08E5 ٲ ARABIC CURLY DAMMA
- 08E6 ٲ ARABIC CURLY KASRA
- 08E7 ٲ ARABIC CURLY FATHATAN
- 08E8 ٲ ARABIC CURLY DAMMATAN
- 08E9 ٲ ARABIC CURLY KASRATAN

Tone marks for Rohingya

- 08EA ٲ ARABIC TONE ONE DOT ABOVE
- 08EB ٲ ARABIC TONE TWO DOTS ABOVE
- 08EC ٲ ARABIC TONE LOOP ABOVE
- 08ED ٲ ARABIC TONE ONE DOT BELOW
- 08EE ٲ ARABIC TONE TWO DOTS BELOW
- 08EF ٲ ARABIC TONE LOOP BELOW

Quranic annotation signs

- 08F0 ٲ ARABIC OPEN FATHATAN
- = successive fathatan
- 08F1 ٲ ARABIC OPEN DAMMATAN
- = successive dammatan
- 08F2 ٲ ARABIC OPEN KASRATAN
- = successive kasratan
- 08F3 ٲ ARABIC SMALL HIGH WAW

Extended vowel signs for African languages

- 08F4 ٲ ARABIC FATHA WITH RING

08F5**Arabic Extended-A****08FF**

08F5	◌َ	ARABIC FATHA WITH DOT ABOVE
08F6	◌ِ	ARABIC KASRA WITH DOT BELOW • also used in Philippine languages
08F7	◌◀	ARABIC LEFT ARROWHEAD ABOVE
08F8	◌▶	ARABIC RIGHT ARROWHEAD ABOVE
08F9	◌◀	ARABIC LEFT ARROWHEAD BELOW
08FA	◌▶	ARABIC RIGHT ARROWHEAD BELOW
08FB	◌◀◀	ARABIC DOUBLE RIGHT ARROWHEAD ABOVE
08FC	◌◀◀	ARABIC DOUBLE RIGHT ARROWHEAD ABOVE WITH DOT
08FD	◌◀	ARABIC RIGHT ARROWHEAD ABOVE WITH DOT

Extended vowel signs

08FE	◌◌	ARABIC DAMMA WITH DOT • Philippine languages
08FF	◌◌	ARABIC MARK SIDEWAYS NOON GHUNNA

	098	099	09A	09B	09C	09D	09E	09F
0	৭ 0980	ঐ 0990	ঔ 09A0	র 09B0	ী 09C0		ঋ 09E0	ষ 09F0
1	ঁ 0981		ড 09A1		ু 09C1		ঌ 09E1	ষ 09F1
2	ং 0982		ঢ 09A2	ল 09B2	ূ 09C2		ঊ 09E2	় 09F2
3	ঃ 0983	ও 0993	ণ 09A3		্ 09C3		ঋ 09E3	ট 09F3
4		ঔ 0994	ত 09A4		্ 09C4			ঢ 09F4
5	অ 0985	ক 0995	থ 09A5					ূ 09F5
6	আ 0986	খ 0996	দ 09A6	শ 09B6			০ 09E6	৳ 09F6
7	ই 0987	গ 0997	ধ 09A7	ষ 09B7	ে 09C7	ী 09D7	১ 09E7	। 09F7
8	ঈ 0988	য 0998	ন 09A8	স 09B8	ৈ 09C8		২ 09E8	৴ 09F8
9	উ 0989	ঙ 0999		হ 09B9			৩ 09E9	০ 09F9
A	ঊ 098A	চ 099A	প 09AA				৪ 09EA	ূ 09FA
B	ঋ 098B	ছ 099B	ফ 09AB		ৌ 09CB		৫ 09EB	ূ 09FB
C	ঌ 098C	জ 099C	ব 09AC	় 09BC	ৌ 09CC	ড় 09DC	৬ 09EC	ূ 09FC
D		ঝ 099D	ভ 09AD	হ 09BD	্ 09CD	ঢ 09DD	৭ 09ED	০ 09FD
E		ঞ 099E	ম 09AE	া 09BE	ৎ 09CE		৮ 09EE	ূ 09FE
F	এ 098F	ট 099F	য 09AF	ি 09BF		য় 09DF	৯ 09EF	

The Bengali script is also known as Bangla. In Assam, the preferred name of the script is Asamiya or Assamese. The Assamese language has also been written historically using distinct regional scripts known as Kamrupi.

Various signs

0980	৐	BENGALI ANJI = siddham, siddhirastu • used at the beginning of texts as an invocation
0981	ঁ	BENGALI SIGN CANDRABINDU
0982	ূ	BENGALI SIGN ANUSVARA
0983	ৃ	BENGALI SIGN VISARGA

Independent vowels

0985	অ	BENGALI LETTER A
0986	আ	BENGALI LETTER AA
0987	ই	BENGALI LETTER I
0988	ঈ	BENGALI LETTER II
0989	উ	BENGALI LETTER U
098A	ঊ	BENGALI LETTER UU
098B	ঋ	BENGALI LETTER VOCALIC R
098C	ৠ	BENGALI LETTER VOCALIC L
098D	ৡ	<reserved>
098E	ৢ	<reserved>
098F	এ	BENGALI LETTER E
0990	ঐ	BENGALI LETTER EI
0991	ৣ	<reserved>
0992	৤	<reserved>
0993	ও	BENGALI LETTER O
0994	৥	BENGALI LETTER AU

Consonants

0995	ক	BENGALI LETTER KA
0996	খ	BENGALI LETTER KHA
0997	গ	BENGALI LETTER GA
0998	ঘ	BENGALI LETTER GHA
0999	ঙ	BENGALI LETTER NGA
099A	চ	BENGALI LETTER CA
099B	ছ	BENGALI LETTER CHA
099C	জ	BENGALI LETTER JA
099D	ঝ	BENGALI LETTER JHA
099E	ঞ	BENGALI LETTER NYA
099F	ট	BENGALI LETTER TTA
09A0	ঠ	BENGALI LETTER TTHA
09A1	ড	BENGALI LETTER DDA
09A2	ঢ	BENGALI LETTER DDHA
09A3	ণ	BENGALI LETTER NNA
09A4	ত	BENGALI LETTER TA
09A5	থ	BENGALI LETTER THA
09A6	দ	BENGALI LETTER DA
09A7	ধ	BENGALI LETTER DHA
09A8	ন	BENGALI LETTER NA
09A9	০	<reserved>
09AA	প	BENGALI LETTER PA
09AB	ফ	BENGALI LETTER PHA
09AC	ব	BENGALI LETTER BA = Bengali va, wa
09AD	ভ	BENGALI LETTER BHA
09AE	ম	BENGALI LETTER MA
09AF	য	BENGALI LETTER YA
09B0	র	BENGALI LETTER RA
09B1	১	<reserved>
09B2	ল	BENGALI LETTER LA

09B3	২	<reserved>
09B4	৩	<reserved>
09B5	৪	<reserved>
09B6	শ	BENGALI LETTER SHA
09B7	ষ	BENGALI LETTER SSA
09B8	স	BENGALI LETTER SA
09B9	হ	BENGALI LETTER HA

Various signs

09BC	০	BENGALI SIGN NUKTA • for extending the alphabet to new letters
09BD	২	BENGALI SIGN AVAGRAHA

Dependent vowel signs

09BE	া	BENGALI VOWEL SIGN AA
09BF	ি	BENGALI VOWEL SIGN I • stands to the left of the consonant
09C0	ী	BENGALI VOWEL SIGN II
09C1	ু	BENGALI VOWEL SIGN U
09C2	ূ	BENGALI VOWEL SIGN UU
09C3	ৄ	BENGALI VOWEL SIGN VOCALIC R
09C4	ৠ	BENGALI VOWEL SIGN VOCALIC RR
09C5	ৡ	<reserved>
09C6	ৢ	<reserved>
09C7	ে	BENGALI VOWEL SIGN E • stands to the left of the consonant
09C8	ৈ	BENGALI VOWEL SIGN EI • stands to the left of the consonant

Two-part dependent vowel signs

These vowel signs have glyph pieces which stand on both sides of the consonant; they follow the consonant in logical order, and should be handled as a unit for most processing.

09CB	ো	BENGALI VOWEL SIGN O ≡ 09C7 ে 09BE া
09CC	ৌ	BENGALI VOWEL SIGN AU ≡ 09C7 ে 09D7 ি

Virama

09CD	০	BENGALI SIGN VIRAMA = hasant (Bengali term for halant)
------	---	---

Additional consonant

09CE	ৎ	BENGALI LETTER KHANDA TA • a dead consonant form of ta, without implicit vowel, used in some sequences
------	---	---

Sign

09D7	া	BENGALI AU LENGTH MARK
------	---	------------------------

Additional consonants

09DC	৳	BENGALI LETTER RRA ≡ 09A1 ড 09BC ০
09DD	৴	BENGALI LETTER RHA ≡ 09A2 ঢ 09BC ০
09DE	৵	<reserved>
09DF	৶	BENGALI LETTER YYA ≡ 09AF য 09BC ০

Additional vowels for Sanskrit

09E0	ঋ	BENGALI LETTER VOCALIC RR
09E1	ৠ	BENGALI LETTER VOCALIC LL
09E2	ৡ	BENGALI VOWEL SIGN VOCALIC L
09E3	ৢ	BENGALI VOWEL SIGN VOCALIC LL

Reserved

For viram punctuation, use the generic Indic 0964 and 0965.
Note that these punctuation marks are referred to as *dahri* and *double dahri* in Bangla.

- 09E4  <reserved>
→ 0964 I devanagari danda
- 09E5  <reserved>
→ 0965 II devanagari double danda

Digits

- 09E6 ০ BENGALI DIGIT ZERO
- 09E7 ১ BENGALI DIGIT ONE
- 09E8 ২ BENGALI DIGIT TWO
- 09E9 ৩ BENGALI DIGIT THREE
- 09EA ৪ BENGALI DIGIT FOUR
- 09EB ৫ BENGALI DIGIT FIVE
- 09EC ৬ BENGALI DIGIT SIX
- 09ED ৭ BENGALI DIGIT SEVEN
- 09EE ৮ BENGALI DIGIT EIGHT
- 09EF ৯ BENGALI DIGIT NINE

Additions for Assamese

- 09F0 ৰ BENGALI LETTER RA WITH MIDDLE DIAGONAL
= Assamese letter ra
- 09F1 ৱ BENGALI LETTER RA WITH LOWER DIAGONAL
= Assamese letter wa
= bengali letter va with lower diagonal (1.0)

Currency signs

- 09F2 ৳ BENGALI RUPEE MARK
= taka
• historic currency sign
- 09F3 ৳ BENGALI RUPEE SIGN
= Bangladeshi taka

Historic symbols for fractional values

The use of these signs is not limited to currency, despite the character names.

- 09F4 ১ BENGALI CURRENCY NUMERATOR ONE
• not in current usage
- 09F5 ২ BENGALI CURRENCY NUMERATOR TWO
• not in current usage
- 09F6 ৩ BENGALI CURRENCY NUMERATOR THREE
• not in current usage
- 09F7 ৪ BENGALI CURRENCY NUMERATOR FOUR
- 09F8 ৫ BENGALI CURRENCY NUMERATOR ONE LESS THAN THE DENOMINATOR
- 09F9 ৬ BENGALI CURRENCY DENOMINATOR SIXTEEN

Sign

- 09FA ঈ BENGALI ISSHAR
= ishvar
• represents the name of a deity
= svargiya
• written before the name of a deceased person

Historic currency sign

- 09FB ৳ BENGALI GANDA MARK

Signs

- 09FC ৳ BENGALI LETTER VEDIC ANUSVARA
- 09FD ৳ BENGALI ABBREVIATION SIGN

09FE	৳	BENGALI SANDHI MARK
		• indicates external sandhi in Sanskrit documents
		→ 09BD ৳ bengali sign avagraha
		→ 111C9 ৳ sharada sandhi mark
		→ 1145E ৳ newa sandhi mark

	0A0	0A1	0A2	0A3	0A4	0A5	0A6	0A7
0		ਐ 0A10	ਠ 0A20	ਰ 0A30	ੀ 0A40			ੰ 0A70
1	ੱ 0A01		ਡ 0A21		ੁ 0A41	੍ਰ 0A51		ੱ 0A71
2	ਂ 0A02		ਢ 0A22	ਲ 0A32	ੂ 0A42			ੲ 0A72
3	ੰ 0A03	ਓ 0A13	ਣ 0A23	ਲ਼ 0A33				ੳ 0A73
4		ਐ 0A14	ਤ 0A24					ੴ 0A74
5	ਅ 0A05	ਕ 0A15	ਬ 0A25	ਵ 0A35				੍ਰ 0A75
6	ਆ 0A06	ਖ 0A16	ਦ 0A26	ਸ਼ 0A36			ੌ 0A66	ੜ 0A76
7	ਇ 0A07	ਗ 0A17	ਧ 0A27		ੇ 0A47		ੴ 0A67	
8	ਈ 0A08	ਘ 0A18	ਨ 0A28	ਸ਼ 0A38	ੈ 0A48		ੴ 0A68	
9	ਉ 0A09	ਙ 0A19		ਹ 0A39		ਖ਼ 0A59	ੴ 0A69	
A	ਊ 0A0A	ਚ 0A1A	ਪ 0A2A			ਗ਼ 0A5A	ੴ 0A6A	
B		ਛ 0A1B	ਫ 0A2B		ੋ 0A4B	ਜ਼ 0A5B	ਪ਼ 0A6B	
C		ਜ਼ 0A1C	ਬ਼ 0A2C	਼ 0A3C	ੌ 0A4C	ੴ 0A5C	ੴ 0A6C	
D		ਝ 0A1D	ਭ 0A2D		੍ਰ 0A4D		ੴ 0A6D	
E		ਵ਼ 0A1E	ਮ਼ 0A2E	ਾ 0A3E		ਫ਼ 0A5E	ੴ 0A6E	
F	ਏ 0A0F	ਟ 0A1F	ਯ 0A2F	ਿ 0A3F			ੴ 0A6F	

Various signs

0A01	◌ੰ	GURMUKHI SIGN ADAK BINDI
0A02	◌ੰ	GURMUKHI SIGN BINDI
0A03	◌ੰ	GURMUKHI SIGN VISARGA

Independent vowels

0A05	ਅ	GURMUKHI LETTER A = aira
0A06	ਆ	GURMUKHI LETTER AA
0A07	ਇ	GURMUKHI LETTER I
0A08	ਈ	GURMUKHI LETTER II
0A09	ਉ	GURMUKHI LETTER U
0A0A	ਊ	GURMUKHI LETTER UU
0A0B	◌	<reserved>
0A0C	◌	<reserved>
0A0D	◌	<reserved>
0A0E	◌	<reserved>
0A0F	ਏ	GURMUKHI LETTER EE
0A10	ਐ	GURMUKHI LETTER AI
0A11	◌	<reserved>
0A12	◌	<reserved>
0A13	ਓ	GURMUKHI LETTER OO
0A14	ਔ	GURMUKHI LETTER AU

Consonants

0A15	ਕ	GURMUKHI LETTER KA
0A16	ਖ	GURMUKHI LETTER KHA
0A17	ਗ	GURMUKHI LETTER GA
0A18	ਘ	GURMUKHI LETTER GHA
0A19	ਙ	GURMUKHI LETTER NGA
0A1A	ਚ	GURMUKHI LETTER CA
0A1B	ਛ	GURMUKHI LETTER CHA
0A1C	ਜ	GURMUKHI LETTER JA
0A1D	ਝ	GURMUKHI LETTER JHA
0A1E	ਞ	GURMUKHI LETTER NYA
0A1F	ਟ	GURMUKHI LETTER TTA
0A20	ਠ	GURMUKHI LETTER TTHA
0A21	ਡ	GURMUKHI LETTER DDA
0A22	ਢ	GURMUKHI LETTER DDHA
0A23	ਣ	GURMUKHI LETTER NNA
0A24	ਤ	GURMUKHI LETTER TA
0A25	ਥ	GURMUKHI LETTER THA
0A26	ਦ	GURMUKHI LETTER DA
0A27	ਧ	GURMUKHI LETTER DHA
0A28	ਨ	GURMUKHI LETTER NA
0A29	◌	<reserved>
0A2A	ਪ	GURMUKHI LETTER PA
0A2B	ਫ	GURMUKHI LETTER PHA
0A2C	ਬ	GURMUKHI LETTER BA
0A2D	ਭ	GURMUKHI LETTER BHA
0A2E	ਮ	GURMUKHI LETTER MA
0A2F	ਯ	GURMUKHI LETTER YA
0A30	ਰ	GURMUKHI LETTER RA
0A31	◌	<reserved>
0A32	ਲ	GURMUKHI LETTER LA
0A33	ਲ਼	GURMUKHI LETTER LLA ≡ 0A32 ਲ਼ 0A3C ੜ਼
0A34	◌	<reserved>
0A35	ਵ	GURMUKHI LETTER VA
0A36	ਸ਼	GURMUKHI LETTER SHA ≡ 0A38 ਸ਼ 0A3C ੜ਼
0A37	◌	<reserved>
0A38	ਸ	GURMUKHI LETTER SA

0A39	ਹ	GURMUKHI LETTER HA
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Various signs

0A3C	◌ੰ	GURMUKHI SIGN NUKTA = pairin bindi • for extending the alphabet to new letters
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Dependent vowel signs

0A3E	◌ੰ	GURMUKHI VOWEL SIGN AA = kanna
0A3F	◌ਿ	GURMUKHI VOWEL SIGN I = sihari • stands to the left of the consonant
0A40	◌ੀ	GURMUKHI VOWEL SIGN II = bihari
0A41	◌ੁ	GURMUKHI VOWEL SIGN U = aunkar
0A42	◌ੂ	GURMUKHI VOWEL SIGN UU = dulanvar
0A43	◌	<reserved>
0A44	◌	<reserved>
0A45	◌	<reserved>
0A46	◌	<reserved>
0A47	◌ੰ	GURMUKHI VOWEL SIGN EE = lanvan
0A48	◌ੀ	GURMUKHI VOWEL SIGN AI = dulanvar
0A49	◌	<reserved>
0A4A	◌	<reserved>
0A4B	◌ੰ	GURMUKHI VOWEL SIGN OO = hora
0A4C	◌ੰ	GURMUKHI VOWEL SIGN AU = kanaura

Virama

0A4D	◌	GURMUKHI SIGN VIRAMA
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Sign

0A51	◌	GURMUKHI SIGN UDAAT
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Additional consonants

0A59	ਖ਼	GURMUKHI LETTER KHHA ≡ 0A16 ਖ਼ 0A3C ੜ਼
0A5A	ਗ਼	GURMUKHI LETTER GHHA ≡ 0A17 ਗ਼ 0A3C ੜ਼
0A5B	ਜ਼	GURMUKHI LETTER ZA ≡ 0A1C ਜ਼ 0A3C ੜ਼
0A5C	ੜ	GURMUKHI LETTER RRA
0A5D	◌	<reserved>
0A5E	ਫ਼	GURMUKHI LETTER FA ≡ 0A2B ਫ਼ 0A3C ੜ਼

Reserved

For viram punctuation, use the generic Indic 0964 and 0965.

0A64	◌	<reserved> → 0964 I devanagari danda
0A65	◌	<reserved> → 0965 II devanagari double danda

Digits

0A66	੦	GURMUKHI DIGIT ZERO
0A67	੧	GURMUKHI DIGIT ONE
0A68	੨	GURMUKHI DIGIT TWO
0A69	੩	GURMUKHI DIGIT THREE
0A6A	੪	GURMUKHI DIGIT FOUR
0A6B	੫	GURMUKHI DIGIT FIVE

0A6C**Gurmukhi****0A76**

0A6C ੋ GURMUKHI DIGIT SIX
 0A6D ੌ GURMUKHI DIGIT SEVEN
 0A6E ੍ GURMUKHI DIGIT EIGHT
 0A6F ੎ GURMUKHI DIGIT NINE

Signs

0A70 ੰ GURMUKHI TIPPI
 • nasalization
 0A71 ੱ GURMUKHI ADDAK
 • doubles following consonant

Vowel bases

0A72 ੲ GURMUKHI IRI
 0A73 ੳ GURMUKHI URA

Signs

0A74 ੴ GURMUKHI EK ONKAR
 • God is One
 0A75 ੵ GURMUKHI SIGN YAKASH
 • some fonts use an alternate glyph shaped
 more like the lower part of 0A2F ੲ

0A76 • GURMUKHI ABBREVIATION SIGN
 → 111C7 • sharada abbreviation sign

	0C0	0C1	0C2	0C3	0C4	0C5	0C6	0C7
0	౦ 0C00	ఐ 0C10	త 0C20	ర 0C30	్రి 0C40		ఋ 0C60	
1	ౠ 0C01		డ 0C21	ఱ 0C31	ౡ 0C41		ౠ 0C61	
2	ౢ 0C02	ఓ 0C12	థ 0C22	ల 0C32	ౣ 0C42		ౣ 0C62	
3	౤ 0C03	ఓ 0C13	ణ 0C23	శ 0C33	౥ 0C43		౥ 0C63	
4	౦̇ 0C04	ఔ 0C14	త 0C24	ఱ 0C34	ౣ̇ 0C44			
5	అ 0C05	క 0C15	థ 0C25	వ 0C35		్రి 0C55		
6	ఆ 0C06	ఖ 0C16	ద 0C26	శ 0C36	్రి 0C46	్రి 0C56	ం 0C66	
7	ఇ 0C07	గ 0C17	థ 0C27	ష 0C37	్రి 0C47		ం 0C67	
8	ఈ 0C08	ఘ 0C18	న 0C28	స 0C38	్రి 0C48	ఙ 0C58	ం 0C68	ం 0C78
9	ఉ 0C09	జ 0C19		హ 0C39		జ 0C59	ం 0C69	ం 0C79
A	ఊ 0C0A	చ 0C1A	ప 0C2A		్రి 0C4A	ఱ 0C5A	ం 0C6A	ం 0C7A
B	ఋ 0C0B	ఛ 0C1B	ఫ 0C2B		్రి 0C4B		ం 0C6B	ం 0C7B
C	ౠ 0C0C	జ 0C1C	బ 0C2C		్రి 0C4C		ం 0C6C	ం 0C7C
D		ఝ 0C1D	భ 0C2D	ౠ 0C3D	్రి 0C4D		ం 0C6D	ం 0C7D
E	ఎ 0C0E	ఞ 0C1E	మ 0C2E	్రి 0C3E			ం 0C6E	ం 0C7E
F	ఏ 0C0F	ట 0C1F	య 0C2F	్రి 0C3F			ం 0C6F	ం 0C7F

0C6C	ఁ	TELUGU DIGIT SIX
0C6D	ె	TELUGU DIGIT SEVEN
0C6E	ః	TELUGU DIGIT EIGHT
0C6F	ఁ	TELUGU DIGIT NINE

Telugu fractions and weights

0C78	౧	TELUGU FRACTION DIGIT ZERO FOR ODD POWERS OF FOUR
0C79	౧	TELUGU FRACTION DIGIT ONE FOR ODD POWERS OF FOUR
0C7A	౨	TELUGU FRACTION DIGIT TWO FOR ODD POWERS OF FOUR
0C7B	౩	TELUGU FRACTION DIGIT THREE FOR ODD POWERS OF FOUR
0C7C	—	TELUGU FRACTION DIGIT ONE FOR EVEN POWERS OF FOUR
0C7D	౨	TELUGU FRACTION DIGIT TWO FOR EVEN POWERS OF FOUR
0C7E	౩	TELUGU FRACTION DIGIT THREE FOR EVEN POWERS OF FOUR
0C7F	౪	TELUGU SIGN TUUMU

	0C8	0C9	0CA	0CB	0CC	0CD	0CE	0CF
0	ಁ 0C80	ಂ 0C90	ಃ 0CA0	಄ 0CB0	ಅ 0CC0		ಆ 0CE0	
1	ಇ 0C81		ಉ 0CA1	ಊ 0CB1	ಋ 0CC1		ೠ 0CE1	ಡ 0CF1
2	ಠ 0C82	ಡ 0C92	ಢ 0CA2	ಣ 0CB2	ಠ 0CC2		ಡ 0CE2	ಢ 0CF2
3	ಠ 0C83	ಠ 0C93	ಠ 0CA3	ಠ 0CB3	ಠ 0CC3		ಠ 0CE3	
4	ಠ 0C84	ಠ 0C94	ಠ 0CA4		ಠ 0CC4			
5	ಠ 0C85	ಠ 0C95	ಠ 0CA5	ಠ 0CB5		ಠ 0CD5		
6	ಠ 0C86	ಠ 0C96	ಠ 0CA6	ಠ 0CB6	ಠ 0CC6	ಠ 0CD6	ಠ 0CE6	
7	ಠ 0C87	ಠ 0C97	ಠ 0CA7	ಠ 0CB7	ಠ 0CC7		ಠ 0CE7	
8	ಠ 0C88	ಠ 0C98	ಠ 0CA8	ಠ 0CB8	ಠ 0CC8		ಠ 0CE8	
9	ಠ 0C89	ಠ 0C99		ಠ 0CB9			ಠ 0CE9	
A	ಠ 0C8A	ಠ 0C9A	ಠ 0CAA		ಠ 0CCA		ಠ 0CEA	
B	ಠ 0C8B	ಠ 0C9B	ಠ 0CAB		ಠ 0CCB		ಠ 0CEB	
C	ಠ 0C8C	ಠ 0C9C	ಠ 0CAC	ಠ 0CBC	ಠ 0CCC		ಠ 0CEC	
D		ಠ 0C9D	ಠ 0CAD	ಠ 0CBD	ಠ 0CCD		ಠ 0CED	
E	ಠ 0C8E	ಠ 0C9E	ಠ 0CAE	ಠ 0CBE		ಠ 0CDE	ಠ 0CEE	
F	ಠ 0C8F	ಠ 0C9F	ಠ 0CAF	ಠ 0CBF			ಠ 0CEF	

Various signs

0C80	ಁ	KANNADA SIGN SPACING CANDRABINDU
0C81	ಂ	KANNADA SIGN CANDRABINDU
0C82	ಃ	KANNADA SIGN ANUSVARA
0C83	಄	KANNADA SIGN VISARGA
0C84	ಐ	KANNADA SIGN SIDDHAM = siddhirastu • used at the beginning of texts as an invocation → A8FC ಐ devanagari sign siddham → 111DB ಐ sharada sign siddham

Independent vowels

0C85	ಅ	KANNADA LETTER A
0C86	ಆ	KANNADA LETTER AA
0C87	ಇ	KANNADA LETTER I
0C88	ಈ	KANNADA LETTER II
0C89	ಉ	KANNADA LETTER U
0C8A	ಊ	KANNADA LETTER UU
0C8B	ಋ	KANNADA LETTER VOCALIC R
0C8C	ೠ	KANNADA LETTER VOCALIC L
0C8D	ಌ	<reserved>
0C8E	ಎ	KANNADA LETTER E
0C8F	ಏ	KANNADA LETTER EE
0C90	ಐ	KANNADA LETTER AI
0C91	ಒ	<reserved>
0C92	ಒ	KANNADA LETTER O
0C93	ಓ	KANNADA LETTER OO
0C94	ಔ	KANNADA LETTER AU

Consonants

0C95	ಕ	KANNADA LETTER KA
0C96	ಖ	KANNADA LETTER KHA
0C97	ಗ	KANNADA LETTER GA
0C98	ಘ	KANNADA LETTER GHA
0C99	ಙ	KANNADA LETTER NGA
0CA0	ಚ	KANNADA LETTER CA
0CA1	ಛ	KANNADA LETTER CHA
0CA2	ಜ	KANNADA LETTER JA
0CA3	ಝ	KANNADA LETTER JHA
0CA4	ಞ	KANNADA LETTER NYA
0CA5	ಟ	KANNADA LETTER TTA
0CA6	ಠ	KANNADA LETTER TTHA
0CA7	ಡ	KANNADA LETTER DDA
0CA8	ಢ	KANNADA LETTER DDHA
0CA9	ಣ	KANNADA LETTER NNA
0CA0	ತ	KANNADA LETTER TA
0CA1	ಥ	KANNADA LETTER THA
0CA2	ದ	KANNADA LETTER DA
0CA3	ಧ	KANNADA LETTER DHA
0CA4	ನ	KANNADA LETTER NA
0CA5	ಢ	<reserved>
0CA6	ಪ	KANNADA LETTER PA
0CA7	ಫ	KANNADA LETTER PHA
0CA8	ಬ	KANNADA LETTER BA
0CA9	ಭ	KANNADA LETTER BHA
0CA0	ಮ	KANNADA LETTER MA
0CA1	ಯ	KANNADA LETTER YA
0CB0	ರ	KANNADA LETTER RA
0CB1	ಱ	KANNADA LETTER RRA
0CB2	ಲ	KANNADA LETTER LA
0CB3	ಳ	KANNADA LETTER LLA
0CB4	ಱ	<reserved>
0CB5	ವ	KANNADA LETTER VA

0CB6	ಶ	KANNADA LETTER SHA
0CB7	ಷ	KANNADA LETTER SSA
0CB8	ಸ	KANNADA LETTER SA
0CB9	ಹ	KANNADA LETTER HA

Various signs

0CBC	಼	KANNADA SIGN NUKTA
0CBD	ಽ	KANNADA SIGN AVAGRAHA

Dependent vowel signs

0CBE	ಌ	KANNADA VOWEL SIGN AA
0CBF	಍	KANNADA VOWEL SIGN I
0CC0	ಏ	KANNADA VOWEL SIGN II ≡ 0CBF ಏ 0CD5 ಏಃ
0CC1	ಊ	KANNADA VOWEL SIGN U
0CC2	ಋ	KANNADA VOWEL SIGN UU
0CC3	ೠ	KANNADA VOWEL SIGN VOCALIC R
0CC4	ೡ	KANNADA VOWEL SIGN VOCALIC RR
0CC5	ಌ	<reserved>
0CC6	಍	KANNADA VOWEL SIGN E
0CC7	ಏ	KANNADA VOWEL SIGN EE ≡ 0CC6 ಏ 0CD5 ಏಃ
0CC8	ಐ	KANNADA VOWEL SIGN AI ≡ 0CC6 ಐ 0CD6 ಐಃ
0CC9	ಒ	<reserved>
0CCA	ಒ	KANNADA VOWEL SIGN O ≡ 0CC6 ಒ 0CC2 ಒಃ
0CCB	ಓ	KANNADA VOWEL SIGN OO ≡ 0CCA ಓಃ 0CD5 ಓಃಃ
0CCC	ಔ	KANNADA VOWEL SIGN AU

Virama

0CCD	ಃ	KANNADA SIGN VIRAMA • preferred name is halant
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Various signs

0CD5	ಃ	KANNADA LENGTH MARK
0CD6	ಃ	KANNADA AI LENGTH MARK

Additional consonants

0CDE	ಱ	KANNADA LETTER FA ✕ KANNADA LETTER LLLA • obsolete historic letter • name is a mistake for LLLA
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Additional vowels for Sanskrit

0CE0	ಋ	KANNADA LETTER VOCALIC RR
0CE1	ೠ	KANNADA LETTER VOCALIC LL

Dependent vowels

0CE2	ಌ	KANNADA VOWEL SIGN VOCALIC L
0CE3	಍	KANNADA VOWEL SIGN VOCALIC LL

Reserved

For viram punctuation, use the generic Indic 0964 and 0965.

0CE4	ಌ	<reserved> → 0964 I devanagari danda
0CE5	಍	<reserved> → 0965 II devanagari double danda

Digits

0CE6	೦	KANNADA DIGIT ZERO
0CE7	೧	KANNADA DIGIT ONE
0CE8	೨	KANNADA DIGIT TWO
0CE9	೩	KANNADA DIGIT THREE
0CEA	೪	KANNADA DIGIT FOUR

OCEB**Kannada****OCF2**

OCEB ೫ KANNADA DIGIT FIVE
 OCEC ೬ KANNADA DIGIT SIX
 OCED ೭ KANNADA DIGIT SEVEN
 OCEE ೮ KANNADA DIGIT EIGHT
 OCEF ೯ KANNADA DIGIT NINE

Signs used in Sanskrit

OCF1	𑌕	KANNADA SIGN JIHVAMULIYA → 1CF5 𑌕 vedic sign jihvamuliya
OCF2	𑌖	KANNADA SIGN UPADHMANIYA → 1CF6 𑌖 vedic sign upadhmaniya

	180	181	182	183	184	185	186	187	188	189	18A
0	 1800	 1810	 1820	 1830	 1840	 1850	 1860	 1870	 1880	 1890	 18A0
1	 1801	 1811	 1821	 1831	 1841	 1851	 1861	 1871	 1881	 1891	 18A1
2	 1802	 1812	 1822	 1832	 1842	 1852	 1862	 1872	 1882	 1892	 18A2
3	 1803	 1813	 1823	 1833	 1843	 1853	 1863	 1873	 1883	 1893	 18A3
4	 1804	 1814	 1824	 1834	 1844	 1854	 1864	 1874	 1884	 1894	 18A4
5	 1805	 1815	 1825	 1835	 1845	 1855	 1865	 1875	 1885	 1895	 18A5
6	 1806	 1816	 1826	 1836	 1846	 1856	 1866	 1876	 1886	 1896	 18A6
7	 1807	 1817	 1827	 1837	 1847	 1857	 1867	 1877	 1887	 1897	 18A7
8	 1808	 1818	 1828	 1838	 1848	 1858	 1868	 1878	 1888	 1898	 18A8
9	 1809	 1819	 1829	 1839	 1849	 1859	 1869	 1879	 1889	 1899	 18A9
A	 180A	 181A	 182A	 183A	 184A	 185A	 186A	 187A	 188A	 189A	 18AA
B	 180B	 181B	 182B	 183B	 184B	 185B	 186B	 187B	 188B	 189B	 18AB
C	 180C	 181C	 182C	 183C	 184C	 185C	 186C	 187C	 188C	 189C	 18AC
D	 180D	 181D	 182D	 183D	 184D	 185D	 186D	 187D	 188D	 189D	 18AD
E	 180E	 181E	 182E	 183E	 184E	 185E	 186E	 187E	 188E	 189E	 18AE
F	 180F	 181F	 182F	 183F	 184F	 185F	 186F	 187F	 188F	 189F	 18AF

Punctuation

Additional birgas are encoded in the Mongolian Supplement block at 11660-1167F.

- 1800 ᠐ MONGOLIAN BIRGA
→ 0F04 ᠐ tibetan mark initial yig mgo mdun ma
- 1801 ᠂ MONGOLIAN ELLIPSIS
- 1802 ᠃ MONGOLIAN COMMA
- 1803 ᠄ MONGOLIAN FULL STOP
- 1804 ᠅ MONGOLIAN COLON
- 1805 ᠆ MONGOLIAN FOUR DOTS
- marks the end of a chapter
- 1806 ᠇ MONGOLIAN TODO SOFT HYPHEN
- not a format control character, but simply a hyphen for Todo
 - also used in the Hudum (modern Mongolian) writing system
 - 00AD ᠇ soft hyphen
- 1807 ᠈ MONGOLIAN SIBE SYLLABLE BOUNDARY MARKER
- 1808 ᠉ MONGOLIAN MANCHU COMMA
- 1809 ᠊ MONGOLIAN MANCHU FULL STOP
- 180A ᠋ MONGOLIAN NIRUGU

Format controls

- 180B ᠌ MONGOLIAN FREE VARIATION SELECTOR ONE
- abbreviated FVS1
- 180C ᠍ MONGOLIAN FREE VARIATION SELECTOR TWO
- abbreviated FVS2
- 180D ᠎ MONGOLIAN FREE VARIATION SELECTOR THREE
- abbreviated FVS3
- 180E ᠏ MONGOLIAN VOWEL SEPARATOR
- abbreviated MVS

Digits

- 1810 ᠐ MONGOLIAN DIGIT ZERO
- 1811 ᠑ MONGOLIAN DIGIT ONE
- 1812 ᠒ MONGOLIAN DIGIT TWO
- 1813 ᠓ MONGOLIAN DIGIT THREE
- 1814 ᠐ MONGOLIAN DIGIT FOUR
- 1815 ᠕ MONGOLIAN DIGIT FIVE
- 1816 ᠖ MONGOLIAN DIGIT SIX
- 1817 ᠗ MONGOLIAN DIGIT SEVEN
- 1818 ᠘ MONGOLIAN DIGIT EIGHT
- 1819 ᠑ MONGOLIAN DIGIT NINE

Basic letters

Cross-references show commonly used Cyrillic transliterations.

Letters unspecified for distinct positional forms are shown without them. Letters with unspecified positional forms use a squared question mark to indicate the gap. All vowels are expected to have explicit isolate forms. For consonants the isolate first form is the initial first form unless specified otherwise.

- 1820 ᠠ MONGOLIAN LETTER A
- 0430 а cyrillic small letter a
 - ~ 1820 ᠠ first form (isolate)
 - ~ 1820 ᠡ first form (initial)
 - ~ 1820 ᠢ first form (medial)
 - ~ 1820 ᠣ first form (final)
 - ~ 1820 180B ᠡ second form (isolate)
 - ~ 1820 180B ᠢ second form (medial)
 - ~ 1820 180B ᠣ second form (final)
 - ~ 1820 180C ᠣ third form (medial)
- 1821 ᠡ MONGOLIAN LETTER E
- 044D э cyrillic small letter e
 - ~ 1821 ᠡ first form (isolate)
 - ~ 1821 ᠢ first form (initial)
 - ~ 1821 ᠣ first form (medial)
 - ~ 1821 ᠣ first form (final)
 - ~ 1821 180B ᠢ second form (initial)
 - ~ 1821 180B ᠣ second form (final)
- 1822 ᠢ MONGOLIAN LETTER I
- 0438 и cyrillic small letter i
 - ~ 1822 ᠢ first form (isolate)
 - ~ 1822 ᠣ first form (initial)
 - ~ 1822 ᠣ first form (medial)
 - ~ 1822 ᠣ first form (final)
 - ~ 1822 180B ᠣ second form (medial)
- 1823 ᠣ MONGOLIAN LETTER O
- 043E о cyrillic small letter o
 - ~ 1823 ᠣ first form (isolate)
 - ~ 1823 ᠣ first form (initial)
 - ~ 1823 ᠣ first form (medial)
 - ~ 1823 ᠣ first form (final)
 - ~ 1823 180B ᠣ second form (medial)
 - ~ 1823 180B ᠣ second form (final)
- 1824 ᠤ MONGOLIAN LETTER U
- 0443 у cyrillic small letter u
 - ~ 1824 ᠣ first form (isolate)
 - ~ 1824 ᠣ first form (initial)
 - ~ 1824 ᠣ first form (medial)
 - ~ 1824 ᠣ first form (final)
 - ~ 1824 180B ᠣ second form (medial)
- 1825 ᠤ MONGOLIAN LETTER OE
- 04E9 ө cyrillic small letter barred o
 - ~ 1825 ᠣ first form (isolate)
 - ~ 1825 ᠣ first form (initial)
 - ~ 1825 ᠣ first form (medial)
 - ~ 1825 ᠣ first form (final)
 - ~ 1825 180B ᠣ second form (medial)
 - ~ 1825 180B ᠣ second form (final)
 - ~ 1825 180C ᠣ third form (medial)

1826	ᠤᠡ	MONGOLIAN LETTER UE → 04AF у cyrillic small letter straight u ~ 1826 ᠤᠡ first form (isolate) ~ 1826 ᠤᠡ first form (initial) ~ 1826 ᠤᠡ first form (medial) ~ 1826 ᠤᠡ first form (final) ~ 1826 180B ᠤᠡ second form (isolate) ~ 1826 180B ᠤᠡ second form (medial) ~ 1826 180B ᠤᠡ second form (final) ~ 1826 180C ᠤᠡ third form (medial)
1827	ᠡᠡ	MONGOLIAN LETTER EE ~ 1827 ᠡᠡ first form (isolate) ~ 1827 ᠡᠡ first form (initial) ~ 1827 ᠡᠡ first form (medial) ~ 1827 ᠡᠡ first form (final)
1828	ᠨᠠ	MONGOLIAN LETTER NA → 043D н cyrillic small letter en ~ 1828 ᠨᠠ first form (initial) ~ 1828 ᠨᠠ first form (medial) ~ 1828 ᠨᠠ first form (final) ~ 1828 180B ᠨᠠ second form (initial) ~ 1828 180B ᠨᠠ second form (medial) ~ 1828 180C ᠨᠠ third form (medial) ~ 1828 180D ᠨᠠ fourth form (medial)
1829	ᠠᠭ	MONGOLIAN LETTER ANG ~ 1829 ᠠᠭ first form (initial) ~ 1829 ᠠᠭ first form (medial) ~ 1829 ᠠᠭ first form (final)
182A	ᠪᠠ	MONGOLIAN LETTER BA → 0431 б cyrillic small letter be ~ 182A ᠪᠠ first form (initial) ~ 182A ᠪᠠ first form (medial) ~ 182A ᠪᠠ first form (final) ~ 182A 180B ᠪᠠ second form (final)
182B	ᠫᠠ	MONGOLIAN LETTER PA → 043F п cyrillic small letter pe ~ 182B ᠫᠠ first form (initial) ~ 182B ᠫᠠ first form (medial) ~ 182B ᠫᠠ first form (final)
182C	ᠬᠠ	MONGOLIAN LETTER QA → 0445 х cyrillic small letter ha ~ 182C ᠬᠠ first form (isolate) ~ 182C ᠬᠠ first form (initial) ~ 182C ᠬᠠ first form (medial) ~ 182C ᠬᠠ first form (final) ~ 182C 180B ᠬᠠ second form (isolate) ~ 182C 180B ᠬᠠ second form (initial) ~ 182C 180B ᠬᠠ second form (medial) ~ 182C 180C ᠬᠠ third form (medial) ~ 182C 180D ᠬᠠ fourth form (medial)
182D	ᠭᠠ	MONGOLIAN LETTER GA → 0433 г cyrillic small letter ghe ~ 182D ᠭᠠ first form (isolate) ~ 182D ᠭᠠ first form (initial) ~ 182D ᠭᠠ first form (medial) ~ 182D ᠭᠠ first form (final) ~ 182D 180B ᠭᠠ second form (initial) ~ 182D 180B ᠭᠠ second form (medial) ~ 182D 180B ᠭᠠ second form (final) ~ 182D 180C ᠭᠠ third form (medial) ~ 182D 180D ᠭᠠ fourth form (medial)

182E	ᠮᠠ	MONGOLIAN LETTER MA → 043C м cyrillic small letter em ~ 182E ᠮᠠ first form (initial) ~ 182E ᠮᠠ first form (medial) ~ 182E ᠮᠠ first form (final)
182F	ᠯᠠ	MONGOLIAN LETTER LA → 043B л cyrillic small letter el ~ 182F ᠯᠠ first form (initial) ~ 182F ᠯᠠ first form (medial) ~ 182F ᠯᠠ first form (final)
1830	ᠰᠠ	MONGOLIAN LETTER SA → 0441 с cyrillic small letter es ~ 1830 ᠰᠠ first form (initial) ~ 1830 ᠰᠠ first form (medial) ~ 1830 ᠰᠠ first form (final) ~ 1830 180B ᠰᠠ second form (final) ~ 1830 180C ᠰᠠ third form (final)
1831	ᠰᠠᠬᠠ	MONGOLIAN LETTER SHA → 0448 ш cyrillic small letter sha ~ 1831 ᠰᠠᠬᠠ first form (initial) ~ 1831 ᠰᠠᠬᠠ first form (medial) ~ 1831 ᠰᠠᠬᠠ first form (final)
1832	ᠲᠠ	MONGOLIAN LETTER TA → 0442 т cyrillic small letter te ~ 1832 ᠲᠠ first form (initial) ~ 1832 ᠲᠠ first form (medial) ~ 1832 ᠲᠠ first form (final) ~ 1832 180B ᠲᠠ second form (medial)
1833	ᠳᠠ	MONGOLIAN LETTER DA → 0434 д cyrillic small letter de ~ 1833 ᠳᠠ first form (initial) ~ 1833 ᠳᠠ first form (medial) ~ 1833 ᠳᠠ first form (final) ~ 1833 180B ᠳᠠ second form (initial) ~ 1833 180B ᠳᠠ second form (medial) ~ 1833 180B ᠳᠠ second form (final)
1834	ᠴᠠ	MONGOLIAN LETTER CHA → 0447 ч cyrillic small letter che ~ 1834 ᠴᠠ first form (initial) ~ 1834 ᠴᠠ first form (medial) ~ 1834 ᠴᠠ first form (final)
1835	ᠵᠠ	MONGOLIAN LETTER JA → 0436 ж cyrillic small letter zhe ~ 1835 ᠵᠠ first form (initial) ~ 1835 ᠵᠠ first form (medial) ~ 1835 ᠵᠠ first form (final) ~ 1835 180B ᠵᠠ second form (medial)
1836	ᠶᠠ	MONGOLIAN LETTER YA → 0439 й cyrillic small letter short i ~ 1836 ᠶᠠ first form (initial) ~ 1836 ᠶᠠ first form (medial) ~ 1836 ᠶᠠ first form (final) ~ 1836 180B ᠶᠠ second form (initial) ~ 1836 180B ᠶᠠ second form (medial) ~ 1836 180C ᠶᠠ third form (medial)
1837	ᠷᠠ	MONGOLIAN LETTER RA → 0440 р cyrillic small letter er ~ 1837 ᠷᠠ first form (initial) ~ 1837 ᠷᠠ first form (medial) ~ 1837 ᠷᠠ first form (final)

1838

Mongolian

184F

- 1838 **ᠠ** MONGOLIAN LETTER WA
 → 0432 **В** cyrillic small letter ve
 ~ 1838 **ᠠ** first form (initial)
 ~ 1838 **ᠡ** first form (medial)
 ~ 1838 **ᠢ** first form (final)
 ~ 1838 180B **ᠣ** second form (final)
- 1839 **ᠡ** MONGOLIAN LETTER FA
 → 0444 **Ф** cyrillic small letter ef
 ~ 1839 **ᠡ** first form (initial)
 ~ 1839 **ᠢ** first form (medial)
 ~ 1839 **ᠣ** first form (final)
- 183A **ᠢ** MONGOLIAN LETTER KA
 → 0445 **Х** cyrillic small letter ha
 ~ 183A **ᠢ** first form (initial)
 ~ 183A **ᠣ** first form (medial)
 ~ 183A **ᠣ** first form (final)
- 183B **ᠣ** MONGOLIAN LETTER KHA
 → 043A **К** cyrillic small letter ka
 ~ 183B **ᠣ** first form (initial)
 ~ 183B **ᠣ** first form (medial)
 ~ 183B **ᠣ** first form (final)
- 183C **ᠣ** MONGOLIAN LETTER TSA
 → 0446 **Ц** cyrillic small letter tse
 ~ 183C **ᠣ** first form (initial)
 ~ 183C **ᠣ** first form (medial)
 ~ 183C **ᠣ** first form (final)
- 183D **ᠣ** MONGOLIAN LETTER ZA
 → 0437 **З** cyrillic small letter ze
 ~ 183D **ᠣ** first form (initial)
 ~ 183D **ᠣ** first form (medial)
 ~ 183D **ᠣ** first form (final)
- 183E **ᠣ** MONGOLIAN LETTER HAA
 → 0445 **Х** cyrillic small letter ha
 ~ 183E **ᠣ** first form (initial)
 ~ 183E **ᠣ** first form (medial)
 ~ 183E **ᠣ** first form (final)
- 183F **ᠣ** MONGOLIAN LETTER ZRA
 → 0436 **Ж** cyrillic small letter zhe
 ~ 183F **ᠣ** first form (initial)
 ~ 183F **ᠣ** first form (medial)
 ~ 183F **ᠣ** first form (final)
- 1840 **ᠣ** MONGOLIAN LETTER LHA
 ~ 1840 **ᠣ** first form (initial)
 ~ 1840 **ᠣ** first form (medial)
 ~ 1840 **ᠣ** first form (final)
- 1841 **ᠣ** MONGOLIAN LETTER ZHI
- 1842 **ᠣ** MONGOLIAN LETTER CHI
- Todo letters**
- 1843 **ᠣ** MONGOLIAN LETTER TODO LONG VOWEL SIGN
 ~ 1843 **ᠣ** first form (initial)
 ~ 1843 **ᠣ** first form (medial)
 ~ 1843 **ᠣ** first form (final)
- 1844 **ᠣ** MONGOLIAN LETTER TODO E
 ~ 1844 **ᠣ** first form (isolate)
 ~ 1844 **ᠣ** first form (initial)
 ~ 1844 **ᠣ** first form (medial)
 ~ 1844 **ᠣ** first form (final)
 ~ 1844 180B **ᠣ** second form (medial)

- 1845 **ᠣ** MONGOLIAN LETTER TODO I
 ~ 1845 **ᠣ** first form (isolate)
 ~ 1845 **ᠣ** first form (initial)
 ~ 1845 **ᠣ** first form (medial)
 ~ 1845 **ᠣ** first form (final)
 ~ 1845 180B **ᠣ** second form (medial)
- 1846 **ᠣ** MONGOLIAN LETTER TODO O
 ~ 1846 **ᠣ** first form (isolate)
 ~ 1846 **ᠣ** first form (initial)
 ~ 1846 **ᠣ** first form (medial)
 ~ 1846 **ᠣ** first form (final)
 ~ 1846 180B **ᠣ** second form (medial)
- 1847 **ᠣ** MONGOLIAN LETTER TODO U
 ~ 1847 **ᠣ** first form (isolate)
 ~ 1847 **ᠣ** first form (initial)
 ~ 1847 **ᠣ** first form (medial)
 ~ 1847 **ᠣ** first form (final)
 ~ 1847 180B **ᠣ** second form (isolate)
 ~ 1847 180B **ᠣ** second form (medial)
 ~ 1847 180B **ᠣ** second form (final)
 ~ 1847 180C **ᠣ** third form (medial)
- 1848 **ᠣ** MONGOLIAN LETTER TODO OE
 ~ 1848 **ᠣ** first form (isolate)
 ~ 1848 **ᠣ** first form (initial)
 ~ 1848 **ᠣ** first form (medial)
 ~ 1848 **ᠣ** first form (final)
 ~ 1848 180B **ᠣ** second form (medial)
- 1849 **ᠣ** MONGOLIAN LETTER TODO UE
 ~ 1849 **ᠣ** first form (isolate)
 ~ 1849 **ᠣ** first form (initial)
 ~ 1849 **ᠣ** first form (medial)
 ~ 1849 **ᠣ** first form (final)
 ~ 1849 180B **ᠣ** second form (isolate)
 ~ 1849 180B **ᠣ** second form (medial)
- 184A **ᠣ** MONGOLIAN LETTER TODO ANG
 ~ 184A **ᠣ** first form (initial)
 ~ 184A **ᠣ** first form (medial)
 ~ 184A **ᠣ** first form (final)
- 184B **ᠣ** MONGOLIAN LETTER TODO BA
 ~ 184B **ᠣ** first form (initial)
 ~ 184B **ᠣ** first form (medial)
 ~ 184B **ᠣ** first form (final)
- 184C **ᠣ** MONGOLIAN LETTER TODO PA
 ~ 184C **ᠣ** first form (initial)
 ~ 184C **ᠣ** first form (medial)
 ~ 184C **ᠣ** first form (final)
- 184D **ᠣ** MONGOLIAN LETTER TODO QA
 ~ 184D **ᠣ** first form (initial)
 ~ 184D **ᠣ** first form (medial)
 ~ 184D **ᠣ** first form (final)
 ~ 184D 180B **ᠣ** second form (initial)
 ~ 184D 180B **ᠣ** second form (medial)
- 184E **ᠣ** MONGOLIAN LETTER TODO GA
 ~ 184E **ᠣ** first form (isolate)
 ~ 184E **ᠣ** first form (initial)
 ~ 184E **ᠣ** first form (medial)
 ~ 184E **ᠣ** first form (final)
 ~ 184E 180B **ᠣ** second form (medial)
- 184F **ᠣ** MONGOLIAN LETTER TODO MA
 ~ 184F **ᠣ** first form (initial)
 ~ 184F **ᠣ** first form (medial)
 ~ 184F **ᠣ** first form (final)

1850

Mongolian

186A

1850	ᠲ	MONGOLIAN LETTER TODO TA ~ 1850 ᠲ first form (initial) ~ 1850 ᠳ first form (medial) ~ 1850 ᠣ first form (final)
1851	ᠳ	MONGOLIAN LETTER TODO DA ~ 1851 ᠳ first form (initial) ~ 1851 ᠴ first form (medial) ~ 1851 ᠠ first form (final)
1852	ᠷ	MONGOLIAN LETTER TODO CHA ~ 1852 ᠷ first form (initial) ~ 1852 ᠸ first form (medial) ~ 1852 ᠡ first form (final)
1853	ᠵ	MONGOLIAN LETTER TODO JA ~ 1853 ᠵ first form (initial) ~ 1853 ᠶ first form (medial) ~ 1853 ᠢ first form (final)
1854	ᠰ	MONGOLIAN LETTER TODO TSA ~ 1854 ᠰ first form (initial) ~ 1854 ᠱ first form (medial) ~ 1854 ᠨ first form (final)
1855	ᠶ	MONGOLIAN LETTER TODO YA ~ 1855 ᠶ first form (initial) ~ 1855 ᠺ first form (medial) ~ 1855 ᠬ first form (final)
1856	ᠠ	MONGOLIAN LETTER TODO WA ~ 1856 ᠠ first form (initial) ~ 1856 ᡚ first form (medial) ~ 1856 ᠣ first form (final)
1857	ᠨ	MONGOLIAN LETTER TODO KA ~ 1857 ᠨ first form (initial) ~ 1857 ᠬ first form (medial) ~ 1857 ᠭ first form (final)
1858	ᠭ	MONGOLIAN LETTER TODO GAA
1859	ᠬ	MONGOLIAN LETTER TODO HAA ~ 1859 ᠬ first form (initial) ~ 1859 ᠭ first form (medial) ~ 1859 ᠠ first form (final)
185A	ᠵ	MONGOLIAN LETTER TODO JIA
185B	ᠶ	MONGOLIAN LETTER TODO NIA
185C	ᠰ	MONGOLIAN LETTER TODO DZA ~ 185C ᠰ first form (initial) ~ 185C ᠱ first form (medial) ~ 185C ᠡ first form (final)

Sibe letters

185D	ᠶ	MONGOLIAN LETTER SIBE E ~ 185D ᠶ first form (isolate) ~ 185D ᠶ first form (initial) ~ 185D ᠶ first form (medial) ~ 185D ᠶ first form (final) ~ 185D 180B ᠶ second form (medial) ~ 185D 180B ᠶ second form (final)
185E	ᠶ	MONGOLIAN LETTER SIBE I ~ 185E ᠶ first form (isolate) ~ 185E ᠶ first form (initial) ~ 185E ᠶ first form (medial) ~ 185E ᠶ first form (final) ~ 185E 180B ᠶ second form (medial) ~ 185E 180B ᠶ second form (final) ~ 185E 180C ᠶ third form (medial) ~ 185E 180C ᠶ third form (final)

185F	ᠶ	MONGOLIAN LETTER SIBE IY ~ 185F ᠶ first form (initial) ~ 185F ᠶ first form (medial) ~ 185F ᠶ first form (final)
1860	ᠶ	MONGOLIAN LETTER SIBE UE ~ 1860 ᠶ first form (isolate) ~ 1860 ᠶ first form (initial) ~ 1860 ᠶ first form (medial) ~ 1860 ᠶ first form (final) ~ 1860 180B ᠶ second form (medial) ~ 1860 180B ᠶ second form (final)
1861	ᠶ	MONGOLIAN LETTER SIBE U ~ 1861 ᠶ first form (isolate) ~ 1861 ᠶ first form (initial) ~ 1861 ᠶ first form (medial) ~ 1861 ᠶ first form (final)
1862	ᠶ	MONGOLIAN LETTER SIBE ANG ~ 1862 ᠶ first form (initial) ~ 1862 ᠶ first form (medial) ~ 1862 ᠶ first form (final)
1863	ᠶ	MONGOLIAN LETTER SIBE KA ~ 1863 ᠶ first form (isolate) ~ 1863 ᠶ first form (initial) ~ 1863 ᠶ first form (medial) ~ 1863 ᠶ first form (final) ~ 1863 180B ᠶ second form (medial)
1864	ᠶ	MONGOLIAN LETTER SIBE GA ~ 1864 ᠶ first form (isolate) ~ 1864 ᠶ first form (initial) ~ 1864 ᠶ first form (medial) ~ 1864 ᠶ first form (final)
1865	ᠶ	MONGOLIAN LETTER SIBE HA ~ 1865 ᠶ first form (isolate) ~ 1865 ᠶ first form (initial) ~ 1865 ᠶ first form (medial) ~ 1865 ᠶ first form (final)
1866	ᠶ	MONGOLIAN LETTER SIBE PA ~ 1866 ᠶ first form (initial) ~ 1866 ᠶ first form (medial) ~ 1866 ᠶ first form (final)
1867	ᠶ	MONGOLIAN LETTER SIBE SHA ~ 1867 ᠶ first form (initial) ~ 1867 ᠶ first form (medial) ~ 1867 ᠶ first form (final)
1868	ᠶ	MONGOLIAN LETTER SIBE TA ~ 1868 ᠶ first form (initial) ~ 1868 ᠶ first form (medial) ~ 1868 ᠶ first form (final) ~ 1868 180B ᠶ second form (initial) ~ 1868 180B ᠶ second form (medial) ~ 1868 180C ᠶ third form (medial)
1869	ᠶ	MONGOLIAN LETTER SIBE DA ~ 1869 ᠶ first form (initial) ~ 1869 ᠶ first form (medial) ~ 1869 ᠶ first form (final) ~ 1869 180B ᠶ second form (initial) ~ 1869 180B ᠶ second form (medial)
186A	ᠶ	MONGOLIAN LETTER SIBE JA ~ 186A ᠶ first form (initial) ~ 186A ᠶ first form (medial) ~ 186A ᠶ first form (final)

- 186B  MONGOLIAN LETTER SIBE FA
 ~ 186B  first form (initial)
 ~ 186B  first form (medial)
 ~ 186B  first form (final)
- 186C  MONGOLIAN LETTER SIBE GAA
 186D  MONGOLIAN LETTER SIBE HAA
 186E  MONGOLIAN LETTER SIBE TSA
 ~ 186E  first form (initial)
 ~ 186E  first form (medial)
 ~ 186E  first form (final)
- 186F  MONGOLIAN LETTER SIBE ZA
 ~ 186F  first form (initial)
 ~ 186F  first form (medial)
 ~ 186F  first form (final)
 ~ 186F 180B  second form (initial)
 ~ 186F 180B  second form (medial)
- 1870  MONGOLIAN LETTER SIBE RAA
 1871  MONGOLIAN LETTER SIBE CHA
 ~ 1871  first form (initial)
 ~ 1871  first form (medial)
 ~ 1871  first form (final)
- 1872  MONGOLIAN LETTER SIBE ZHA
 ~ 1872  first form (initial)
 ~ 1872  first form (medial)
 ~ 1872  first form (final)

Manchu letters

- 1873  MONGOLIAN LETTER MANCHU I
 ~ 1873  first form (isolate)
 ~ 1873  first form (initial)
 ~ 1873  first form (medial)
 ~ 1873  first form (final)
 ~ 1873 180B  second form (medial)
 ~ 1873 180B  second form (final)
 ~ 1873 180C  third form (medial)
 ~ 1873 180C  third form (final)
 ~ 1873 180D  fourth form (medial)
- 1874  MONGOLIAN LETTER MANCHU KA
 ~ 1874  first form (isolate)
 ~ 1874  first form (initial)
 ~ 1874  first form (medial)
 ~ 1874  first form (final)
 ~ 1874 180B  second form (medial)
 ~ 1874 180B  second form (final)
 ~ 1874 180C  third form (medial)
 ~ 1874 180C  third form (final)
 ~ 1874 180D  fourth form (medial)
- 1875  MONGOLIAN LETTER MANCHU RA
 ~ 1875  first form (initial)
 ~ 1875  first form (medial)
 ~ 1875  first form (final)
- 1876  MONGOLIAN LETTER MANCHU FA
 ~ 1876  first form (initial)
 ~ 1876  first form (medial)
 ~ 1876  first form (final)
 ~ 1876 180B  second form (initial)
 ~ 1876 180B  second form (medial)
- 1877  MONGOLIAN LETTER MANCHU ZHA
 ~ 1877  first form (initial)
 ~ 1877  first form (medial)
 ~ 1877  first form (final)

Buryat letter

- 1878  MONGOLIAN LETTER CHA WITH TWO DOTS
 ~ 1878  first form (initial)
 ~ 1878  first form (medial)
 ~ 1878  first form (final)

Extensions for Sanskrit and Tibetan

- 1880  MONGOLIAN LETTER ALI GALI ANUSVARA ONE
 → 0F83  tibetan sign sna ldan
 ~ 1880 180B  second form
- 1881  MONGOLIAN LETTER ALI GALI VISARGA ONE
 → 0F7F  tibetan sign rnam bcad
 ~ 1881 180B  second form
- 1882  MONGOLIAN LETTER ALI GALI DAMARU
 → 0F88  tibetan sign lce tsa can
- 1883  MONGOLIAN LETTER ALI GALI UBADAMA
 1884  MONGOLIAN LETTER ALI GALI INVERTED UBADAMA
 → 0F89  tibetan sign mchu can
- 1885  MONGOLIAN LETTER ALI GALI BALUDA
 → 0F85  tibetan mark paluta
- 1886  MONGOLIAN LETTER ALI GALI THREE BALUDA
 1887  MONGOLIAN LETTER ALI GALI A
 ~ 1887  first form (isolate)
 ~ 1887  first form (initial)
 ~ 1887  first form (medial)
 ~ 1887  first form (final)
 ~ 1887 180B  second form (isolate)
 ~ 1887 180B  second form (final)
 ~ 1887 180C  third form (final)
 ~ 1887 180D  fourth form (final)
- 1888  MONGOLIAN LETTER ALI GALI I
 ~ 1888  first form (isolate)
 ~ 1888  first form (initial)
 ~ 1888  first form (medial)
 ~ 1888  first form (final)
 ~ 1888 180B  second form (final)
- 1889  MONGOLIAN LETTER ALI GALI KA
 ~ 1889  first form (isolate)
 ~ 1889  first form (initial)
 ~ 1889  first form (medial)
 ~ 1889  first form (final)
- 188A  MONGOLIAN LETTER ALI GALI NGa
 ~ 188A  first form (initial)
 ~ 188A  first form (medial)
 ~ 188A  first form (final)
 ~ 188A 180B  second form (initial)
 ~ 188A 180B  second form (medial)
- 188B  MONGOLIAN LETTER ALI GALI CA
 ~ 188B  first form (initial)
 ~ 188B  first form (medial)
 ~ 188B  first form (final)
- 188C  MONGOLIAN LETTER ALI GALI TTA
 188D  MONGOLIAN LETTER ALI GALI TTHA
 188E  MONGOLIAN LETTER ALI GALI DDA
 188F  MONGOLIAN LETTER ALI GALI NNA
 1890  MONGOLIAN LETTER ALI GALI TA
 1891  MONGOLIAN LETTER ALI GALI DA
 1892  MONGOLIAN LETTER ALI GALI PA
 1893  MONGOLIAN LETTER ALI GALI PHA

1894	ᠰ	MONGOLIAN LETTER ALI GALI SSA ~ 1894 ᠰ first form (initial) ~ 1894 ᠰ first form (medial) ~ 1894 ᠰ first form (final)	18AA	ᠰ	MONGOLIAN LETTER MANCHU ALI GALI LHA ~ 18AA ᠰ first form (initial) ~ 18AA ᠰ first form (medial) ~ 18AA ᠰ first form (final)
1895	ᠱ	MONGOLIAN LETTER ALI GALI ZHA			
1896	ᠰ	MONGOLIAN LETTER ALI GALI ZA ~ 1896 ᠰ first form (initial) ~ 1896 ᠰ first form (medial) ~ 1896 ᠰ first form (final)			
1897	ᠠ	MONGOLIAN LETTER ALI GALI AH			
1898	ᠲ	MONGOLIAN LETTER TODO ALI GALI TA			
1899	ᠱ	MONGOLIAN LETTER TODO ALI GALI ZHA			
189A	ᠭ	MONGOLIAN LETTER MANCHU ALI GALI GHA ~ 189A ᠭ first form (initial) ~ 189A ᠭ first form (medial) ~ 189A ᠭ first form (final)			
189B	ᠨ	MONGOLIAN LETTER MANCHU ALI GALI NGA ~ 189B ᠨ first form (initial) ~ 189B ᠨ first form (medial) ~ 189B ᠨ first form (final)			
189C	ᠴ	MONGOLIAN LETTER MANCHU ALI GALI CA ~ 189C ᠴ first form (initial) ~ 189C ᠴ first form (medial) ~ 189C ᠴ first form (final)			
189D	ᠵ	MONGOLIAN LETTER MANCHU ALI GALI JHA ~ 189D ᠵ first form (initial) ~ 189D ᠵ first form (medial) ~ 189D ᠵ first form (final)			
189E	ᠲ	MONGOLIAN LETTER MANCHU ALI GALI TTA ~ 189E ᠲ first form (initial) ~ 189E ᠲ first form (medial) ~ 189E ᠲ first form (final)			
189F	ᠳ	MONGOLIAN LETTER MANCHU ALI GALI DDHA ~ 189F ᠳ first form (initial) ~ 189F ᠳ first form (medial) ~ 189F ᠳ first form (final)			
18A0	ᠲ	MONGOLIAN LETTER MANCHU ALI GALI TA			
18A1	ᠳ	MONGOLIAN LETTER MANCHU ALI GALI DHA ~ 18A1 ᠳ first form (initial) ~ 18A1 ᠳ first form (medial) ~ 18A1 ᠳ first form (final)			
18A2	ᠰ	MONGOLIAN LETTER MANCHU ALI GALI SSA ~ 18A2 ᠰ first form (initial) ~ 18A2 ᠰ first form (medial) ~ 18A2 ᠰ first form (final)			
18A3	ᠱ	MONGOLIAN LETTER MANCHU ALI GALI CYA ~ 18A3 ᠱ first form (initial) ~ 18A3 ᠱ first form (medial) ~ 18A3 ᠱ first form (final)			
18A4	ᠱ	MONGOLIAN LETTER MANCHU ALI GALI ZHA ~ 18A4 ᠱ first form (initial) ~ 18A4 ᠱ first form (medial) ~ 18A4 ᠱ first form (final)			
18A5	ᠱ	MONGOLIAN LETTER MANCHU ALI GALI ZA ~ 18A5 ᠱ first form (initial) ~ 18A5 ᠱ first form (medial) ~ 18A5 ᠱ first form (final)			
18A6	ᠤ	MONGOLIAN LETTER ALI GALI HALF U			
18A7	ᠶ	MONGOLIAN LETTER ALI GALI HALF YA			
18A8	ᠪ	MONGOLIAN LETTER MANCHU ALI GALI BHA			
18A9	ᠳ	MONGOLIAN LETTER ALI GALI DAGALGA			

Positional Forms and Standardized Variation Sequences

Unlike other blocks, these variation sequences use the script-specific variation selectors for Mongolian.

1820 MONGOLIAN LETTER A

1820

first form (isolate)

1820

first form (initial)

1820

first form (medial)

1820

first form (final)

1820

second form (isolate)

1820 180B

second form (medial)

1820 180B

second form (final)

1820 180B

third form (medial)

1820 180C

1821 MONGOLIAN LETTER E

1821

first form (isolate)

1821

first form (initial)

1821

first form (medial)

1821

first form (final)

1821

second form (initial)

1821 180B

second form (final)

1821 180B

1822

MONGOLIAN LETTER I

1822

first form (isolate)

1822

first form (initial)

1822

first form (medial)

1822

first form (final)

1822

second form (medial)

1822 180B

1823

MONGOLIAN LETTER O

1823

first form (isolate)

1823

first form (initial)

1823

first form (medial)

1823

first form (final)

1823

second form (medial)

1823 180B

second form (final)

1823 180B

1824  MONGOLIAN LETTER U 1824  first form (isolate) 1824  first form (initial) 1824  first form (medial) 1824  first form (final) 1824  second form (medial)	1826  MONGOLIAN LETTER UE 1826  first form (isolate) 1826  first form (initial) 1826  first form (medial) 1826  first form (final) 1826  second form (isolate)
1824 180B 1825  MONGOLIAN LETTER OE 1825  first form (isolate) 1825  first form (initial) 1825  first form (medial) 1825  first form (final) 1825  second form (medial) 1825 180B  second form (final) 1825 180B  third form (medial) 1825 180C	1826 180B  second form (medial) 1826 180B  second form (final) 1826 180B  third form (medial) 1826 180C 1827  MONGOLIAN LETTER EE 1827  first form (isolate) 1827  first form (initial) 1827  first form (medial) 1827  first form (final) 1827

1828  MONGOLIAN LETTER NA 1828  first form (initial) 1828  first form (medial) 1828  first form (final) 1828  second form (initial) 1828 180B  second form (medial) 1828 180B  third form (medial) 1828 180C  fourth form (medial)	182B  MONGOLIAN LETTER PA 182B  first form (initial) 182B  first form (medial) 182B  first form (final) 182B 182C  MONGOLIAN LETTER QA 182C  first form (isolate) 182C  first form (initial) 182C  first form (medial) 182C  first form (final) 182C  second form (isolate) 182C 180B  second form (initial) 182C 180B  second form (medial) 182C 180B  third form (medial) 182C 180C  fourth form (medial) 182C 180D
1829  MONGOLIAN LETTER ANG 1829  first form (initial) 1829  first form (medial) 1829  first form (final)	
182A  MONGOLIAN LETTER BA 182A  first form (initial) 182A  first form (medial) 182A  first form (final) 182A  second form (final) 182A 180B	

182D  MONGOLIAN LETTER GA 182D  first form (isolate) 182D  first form (initial) 182D  first form (medial) 182D  first form (final) 182D  second form (initial) 182D 180B  second form (medial) 182D 180B  second form (final) 182D 180B  third form (medial) 182D 180C  fourth form (medial)	1830  MONGOLIAN LETTER SA 1830  first form (initial) 1830  first form (medial) 1830  first form (final) 1830  second form (final) 1830 180B  third form (final)
182E  MONGOLIAN LETTER MA 182E  first form (initial) 182E  first form (medial) 182E  first form (final)	1831  MONGOLIAN LETTER SHA 1831  first form (initial) 1831  first form (medial) 1831  first form (final)
182F  MONGOLIAN LETTER LA 182F  first form (initial) 182F  first form (medial) 182F  first form (final)	1832  MONGOLIAN LETTER TA 1832  first form (initial) 1832  first form (medial) 1832  first form (final) 1832  second form (medial) 1832 180B

1833 ᠳ MONGOLIAN LETTER DA 1833 ᠳ first form (initial) 1833 ᠳ first form (medial) 1833 ᠳ first form (final) 1833 ᠳ second form (initial) 1833 180B ᠳ second form (medial) 1833 180B ᠳ second form (final) 1833 180B 1834 ᠴ MONGOLIAN LETTER CHA 1834 ᠴ first form (initial) 1834 ᠴ first form (medial) 1834 ᠴ first form (final) 1834 1835 ᠵ MONGOLIAN LETTER JA 1835 ᠵ first form (initial) 1835 ᠵ first form (medial) 1835 ᠵ first form (final) 1835 ᠵ second form (medial) 1835 180B	1836 ᠶ MONGOLIAN LETTER YA 1836 ᠶ first form (initial) 1836 ᠶ first form (medial) 1836 ᠶ first form (final) 1836 ᠶ second form (initial) 1836 180B ᠶ second form (medial) 1836 180B ᠶ third form (medial) 1836 180C 1837 ᠷ MONGOLIAN LETTER RA 1837 ᠷ first form (initial) 1837 ᠷ first form (medial) 1837 ᠷ first form (final) 1837 1838 ᠠ MONGOLIAN LETTER WA 1838 ᠠ first form (initial) 1838 ᠠ first form (medial) 1838 ᠠ first form (final) 1838 ᠠ second form (final) 1838 180B
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1839	 MONGOLIAN LETTER FA	183D	 MONGOLIAN LETTER ZA
1839	 first form (initial)	183D	 first form (initial)
1839	 first form (medial)	183D	 first form (medial)
1839	 first form (final)	183D	 first form (final)
183A	 MONGOLIAN LETTER KA	183E	 MONGOLIAN LETTER HAA
183A	 first form (initial)	183E	 first form (initial)
183A	 first form (medial)	183E	 first form (medial)
183A	 first form (final)	183E	 first form (final)
183B	 MONGOLIAN LETTER KHA	183F	 MONGOLIAN LETTER ZRA
183B	 first form (initial)	183F	 first form (initial)
183B	 first form (medial)	183F	 first form (medial)
183B	 first form (final)	183F	 first form (final)
183C	 MONGOLIAN LETTER TSA	1840	 MONGOLIAN LETTER LHA
183C	 first form (initial)	1840	 first form (initial)
183C	 first form (medial)	1840	 first form (medial)
183C	 first form (final)	1840	 first form (final)
183C		1840	 first form (final)

1843  MONGOLIAN LETTER TODO LONG VOWEL SIGN 1843  first form (initial) 1843  first form (medial) 1843  first form (final) 1844  MONGOLIAN LETTER TODO E 1844  first form (isolate) 1844  first form (initial) 1844  first form (medial) 1844  first form (final) 1844  second form (medial) 1844 180B  MONGOLIAN LETTER TODO I 1845  first form (isolate) 1845  first form (initial) 1845  first form (medial) 1845  first form (final) 1845  second form (medial) 1845 180B	1846  MONGOLIAN LETTER TODO O 1846  first form (isolate) 1846  first form (initial) 1846  first form (medial) 1846  first form (final) 1846  second form (medial) 1846 180B  MONGOLIAN LETTER TODO U 1847  first form (isolate) 1847  first form (initial) 1847  first form (medial) 1847  first form (final) 1847  second form (isolate) 1847 180B  second form (medial) 1847 180B  second form (final) 1847 180B  third form (medial) 1847 180C
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1848  MONGOLIAN LETTER TODO OE 1848  first form (isolate) 1848  first form (initial) 1848  first form (medial) 1848  first form (final) 1848  second form (medial)	184B  MONGOLIAN LETTER TODO BA 184B  first form (initial) 184B  first form (medial) 184B  first form (final) 184C  MONGOLIAN LETTER TODO PA 184C  first form (initial) 184C  first form (medial) 184C  first form (final)
1849  MONGOLIAN LETTER TODO UE 1849  first form (isolate) 1849  first form (initial) 1849  first form (medial) 1849  first form (final) 1849  second form (isolate) 1849 180B  second form (medial)	184D  MONGOLIAN LETTER TODO QA 184D  first form (initial) 184D  first form (medial) 184D  first form (final) 184D  second form (initial)
184A  MONGOLIAN LETTER TODO ANG 184A  first form (initial) 184A  first form (medial) 184A  first form (final)	184D 180B  second form (medial) 184D 180B

184E		MONGOLIAN LETTER TODO GA	1852		MONGOLIAN LETTER TODO CHA
184E		first form (isolate)	1852		first form (initial)
184E		first form (initial)	1852		first form (medial)
184E		first form (medial)	1852		first form (final)
184E		first form (final)	1853		MONGOLIAN LETTER TODO JA
184E		second form (medial)	1853		first form (initial)
184E 180B		MONGOLIAN LETTER TODO MA	1853		first form (medial)
184F		first form (initial)	1853		first form (final)
184F		first form (medial)	1853		MONGOLIAN LETTER TODO TSA
184F		first form (final)	1854		first form (initial)
1850		MONGOLIAN LETTER TODO TA	1854		first form (medial)
1850		first form (initial)	1854		first form (final)
1850		first form (medial)	1854		MONGOLIAN LETTER TODO YA
1850		first form (final)	1855		first form (initial)
1851		MONGOLIAN LETTER TODO DA	1855		first form (medial)
1851		first form (initial)	1855		first form (final)
1851		first form (medial)	1855		first form (final)
1851		first form (final)			

1856	 MONGOLIAN LETTER TODO WA	185D	 MONGOLIAN LETTER SIBE E
1856	 first form (initial)	185D	 first form (isolate)
1856	 first form (medial)	185D	 first form (initial)
1856	 first form (final)	185D	 first form (medial)
1857	 MONGOLIAN LETTER TODO KA	185D	 first form (final)
1857	 first form (initial)	185D	 second form (medial)
1857	 first form (medial)	185D 180B	 second form (final)
1857	 first form (final)	185D 180B	 MONGOLIAN LETTER SIBE I
1859	 MONGOLIAN LETTER TODO HAA	185E	 first form (isolate)
1859	 first form (initial)	185E	 first form (initial)
1859	 first form (medial)	185E	 first form (medial)
1859	 first form (final)	185E	 first form (final)
185C	 MONGOLIAN LETTER TODO DZA	185E	 second form (medial)
185C	 first form (initial)	185E 180B	 second form (final)
185C	 first form (medial)	185E 180B	 third form (medial)
185C	 first form (final)	185E 180C	 third form (final)
185C		185E 180C	