

**ISO/IEC JTC1/SC2/WG2
Coded Character Set
Secretariat: Japan (JISC)**

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Title: Wingdings and Webdings Symbols

Source: Michel Suignard – Expert contribution

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Reference:

Medium:

The following document is a preliminary study of the repertoire of four popular symbol sets:

- Webdings
- Wingdings
- Wingdings 2
- Wingdings 3

The symbols set are used by applications through their private encoding space or in Unicode Private Use Area (U+F020-U+F0FF). This is not optimal for interchange, and it would be preferable to dedicate actual encoding values for these symbols. It would also make them searchable. Adding them would complement the work that was recently done for the Japanese ARIB set and the Emoji set.

Any proposal to encode the Webdings/Wingdings set has to address some peculiarity of that set:

- Because the set is through hundreds of millions of computing devices, unification with existing similar but slightly different glyphs is difficult. In some cases it may be possible to change the current glyph. In others, when the encoded glyph has also a strong presence (such as the Dingbats collection), it is important to leave the current glyph unchanged.
- The characters from the Webdings/Wingdings set do not have official name. The closest thing to identification is their Postscript name in the fonts.
- Therefore, unification based on semantic usage should be avoided.

Status

This document is a preliminary study. It is intended to separate the characters in the following categories:

- Candidates for unification with no glyph change for the already encoded character
- Candidates for unification with glyph change for the already encoded character
- Characters that are obvious candidate for addition
- Characters which needs further study because they are similar to existing characters (variants)

To facilitate identification, the 4 sets have been identified as such: Webdings (w-0033..w-00255), Wingdings (w-1033..w-1255), Wingdings2 (w-2033-w-2255), and Wingdings 3 (w-3033..w-3255).

Table format

The tables provide the ID as determined above, the original glyph, UCS code point and glyph when unification is possible, character name, and comments. When the new character is a glyph variant, the original glyph is shown but not the original UCS code point to show that it should probably not be unified.

Source separation

The set is not subject to source separation. When 2 glyphs are the same across these 4 symbol set, they should be assigned to the same character.

Arrows

These sets contain a large number of arrow styles. These have been classified as following:

Style name	Glyph ID	glyph
A1	3152	←
A2	3033	←
A3	3157	←
A4	3161	↩
B2	3102	←
Barb1	3209	↩
Barb2	1223	↩
Barb3	3217	↩
Barb4	1231	↩
Barb5	3225	↩
C1	3137	←
C2	3141	←

C3	3145	←
C4	3149	↩
D1	3165	←
E3	3167	←
F4	3169	↩
G5	3171	↩
H6	3177	↩
I8	3179	↩
J6	3181	↩
K6	3185	↩
L7	3189	↩
M9	3193	↩
N7	3197	↩

The literal part indicates style (A to N and Barb); the numeral part indicates the thickness of the arrow.









Acknowledgements

This work would not have been possible without the earlier work by Asmus Freytag, Michael Everson, and Debbie Anderson who contributed extensively to the analysis of these symbols.





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Webdings






Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
0033				SPIDER	
0034				SPIDER WEB	
0035				NO PIRACY	
0036				DARK SUNGLASSES	See also w-1036
0037				TROPHY Variant → 1F3C6 🏆 trophy	Can we change the glyph for 1F3C6?
0038				MEDAL	
0039				LINKED PAPERCLIPS → 1F4CE 📎 paperclip	










Bubble symbols

ID	glyph	UCS	glyph	Name	Comments
0040				LEFT SPEECH BUBBLE	
0041				RIGHT SPEECH BUBBLE	
0042				MOOD BUBBLE → 1F4A5 🤯 collision symbol	
0043				LIGHTNING MOOD BUBBLE → 26A1 ⚡ high voltage	

Miscellaneous symbols



ID	glyph	UCS	glyph	Name	Comments
0044				HOT PEPPER = hot	
0045				REMINDER RIBBON	
0046		259E		QUADRANT UPPER RIGHT AND LOWER LEFT	259E is smaller
0047				VERY HEAVY SOLIDUS	

User Interface symbols












ID	glyph	UCS	glyph	Name	Comments
0048				MINIMIZE	
0049				MAXIMIZE	
0050				OVERLAP = tile windows	
0051				BLACK MEDIUM LEFT-POINTING TRIANGLE = reverse,back → 25C0 ◀ black left-pointing triangle	This may impact ARIB mapping. Most fonts implement the smaller Webdings shape for 25C0.
0052				BLACK MEDIUM RIGHT-POINTING TRIANGLE = forward → 25B6 ▶ black right-pointing triangle	Similar to above
0053				BLACK MEDIUM UP-POINTING TRIANGLE = increase → 25B2 ▲ black up-pointing triangle	No glyph issue here, unlike the two above

0054	▼		▼	BLACK MEDIUM DOWN-POINTING TRIANGLE = decrease → 25BC ▼ black down-pointing triangle	Similar to w-0053
0055	◀◀	23EA	◀◀	BLACK LEFT-POINTING DOUBLE TRIANGLE	Smaller glyph
0056	▶▶	23E9	▶▶	BLACK RIGHT-POINTING DOUBLE TRIANGLE	Smaller glyph
0057	◀◀	23EE	◀◀	BLACK LEFT-POINTING DOUBLE TRIANGLE WITH VERTICAL BAR	Smaller glyph
0058	▶▶	23ED	▶▶	BLACK RIGHT-POINTING DOUBLE TRIANGLE WITH VERTICAL BAR	Smaller glyph
0059				DOUBLE VERTICAL BAR = pause	
0060	■	25FC	■	BLACK MEDIUM SQUARE → 25A0 ■ black square	25A0 is too big, 25FC is too small
0061	●	26AB	●	MEDIUM BLACK CIRCLE	
0062	AA			FONT SIZE SIGN	



Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
0063				BALLOT BOX WITH BALLOT → 2612 ☑ ballot box with x	
0064				CROSSED TOOLS = repair facility → 2692 ⚒ HAMMER AND PICK	


Building and map symbols

ID	glyph	UCS	glyph	Name	Comments
0065				BUILDING CONSTRUCTION SIGN → 1F6A7 🚧 construction sign	
0066				WHITE HOUSES WITH TERRAIN → 1F3E1 🏡 house with garden	
0067				CITYSCAPE = skyline → 1F306 🌃 cityscape at dusk	
0068				CONDEMNED HOUSE WITH TERRAIN → 1F3E0 🏚 house building	
0069				DESERT TERRAIN → 1F335 🌵 cactus	
0070				FACTORY WITH TERRAIN → 1F3ED 🏭 factory	
0071				CLASSICAL FAÇADE WITH TERRAIN	
0072				SINGLE HOUSE WITH TERRAIN → 1F3E1 🏡 house with garden	
0073				BEACH WITH UMBRELLA → 26F1 ☂ umbrella on ground	
0074				DESERT ISLAND → 1F334 🌴 palm tree	
0075				HIGHWAY WITH BILLBOARD	




User Interface symbol

ID	glyph	UCS	glyph	Name	Comments
0076		1F50D		LEFT-POINTING MAGNIFYING GLASS	Different glyph?






Map symbol

ID	glyph	UCS	glyph	Name	Comments
0077				MOUNTAIN OR VOLCANO → 1F30B 🌋 volcano → 1F5FB 🗻 mount fuji → 26F0 ▲ mountain	



Facial parts symbols

ID	glyph	UCS	glyph	Name	Comments
0078				EYE → 1F440 👁 eyes	Should be encoded at 1F441
0079		1F442		EAR	




Building and map symbols

ID	glyph	UCS	glyph	Name	Comments
0080				TRAIL → 1F332 🌲 evergreen tree	
0081				CAMPING → 26FA ⛺ tent	
0082				TRAIN TRACKS WITH TERRAIN	
0083				SPORTS ARENA WITH TERRAIN	
0084				SHIP AND OCEAN = cruise line vacation → 1F6A2 🚢 ship	




Communication symbols

ID	glyph	UCS	glyph	Name	Comments
0085				BULLHORN WITH SOUND WAVES → 1F4E3 📣 cheering megaphone → 1F50A 🔊 speaker with three sound waves	
0086				BULLHORN → 1F508 🔊 speaker	


User Interface symbols

ID	glyph	UCS	glyph	Name	Comments
0087				RIGHTT SPEAKER	
0088		1F508		SPEAKER	1F508 glyph too small, add annotation to 1F508 as left speaker


Love symbols

ID	glyph	UCS	glyph	Name	Comments
0089				HEART WITH TIP ON THE LEFT → 2665 ♥ black heart suit	Anything to do with bubble?
0090				BOUQUET OF FLOWERS → 1F490 🌹 bouquet	





Bubble symbol

ID	glyph	UCS	glyph	Name	Comments
0091				LEFT THOUGHT BUBBLE	Add reference to w-0040








Miscellaneous symbol

ID	glyph	UCS	glyph	Name	Comments
0092				VERY HEAVY REVERSE SOLIDUS	Add reference to w-0047



Bubble symbols

ID	glyph	UCS	glyph	Name	Comments
0093				RIGHT THOUGHT BUBBLE → 1F4AD 	Add reference to w-004 and 1F4AD
0094				TWO SPEECH BUBBLES	
0095				THREE SPEECH BUBBLES	







Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
0096				FOUR CORNER ARROWS CIRCLING ANTICLOCKWISE	
0097				HEAVY CHECK MARK Variant → 2714 	Glyph is sans-serif in webdings
0098				BICYCLE Variant → 1F6B2 	Glyph is on other direction





Geometric shape

ID	glyph	UCS	glyph	Name	Comments
0099				VERY LARGE WHITE SQUARE → 25A1 	









Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
0100				US ROAD SIGN INTERSTATE HIGHWAY	
0101				BLACK WRAPPED PRESENT → 1F381  → 1F4E6 	
0102				ONCOMING FIRE ENGINE → 1F692 	





Geometric shape

ID	glyph	UCS	glyph	Name	Comments
0103			 2B1B	VERY LARGE BLACK SQUARE → 25A0  → 2B1B 	Here 2B1B is smaller than w-0103






Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
0104				BLACK AMBULANCE → 1F691  ambulance	
0105				CIRCLED INFORMATION SOURCE	
0106				SMALL AIRPLANE → 2708  airplane	
0107				SATELLITE	
0108				FOUR POINTED PINWHEEL STAR	
0109				MAN IN BUSINESS SUIT LEVITATING	







Geometric shape

ID	glyph	UCS	glyph	Name	Comments
0110			 2B24	VERY LARGE BLACK CIRCLE → 25CF  black circle → 2B24  black large circle	2B24 is same size than w-0110, do we need a very large variant?
















Vehicles



ID	glyph	UCS	glyph	Name	Comments
0111				MOTOR BOAT SIDEWAYS → 1F6A4  speedboat	
0112				ONCOMING POLICE CAR Variant → 1F694  oncoming police car	

User Interface symbols (browsers)


ID	glyph	UCS	glyph	Name	Comments
0113				CLOCKWISE RIGHT AND LEFT SEMICIRCLE ARROWS = refresh → 1F503  clockwise downwards and upwards open circle arrows	
0114				CANCELLATION-X → 274C  cross mark	
0115		2753		BLACK QUESTION MARK ORNAMENT = help-question	Glyphs are slightly different

Vehicles

ID	glyph	UCS	glyph	Name	Comments
0116				DIESEL LOCOMOTIVE WITH TERRAIN → 1F682  steam locomotive → 1F686  train	
0117				UNDERGROUND TRAIN → 1F687  metro	
0118				ONCOMING BUS Variant → 1F68D  oncoming bus	Split window is old fashioned
0119				TRIANGULAR FLAG ON POST Variant = golf pennant → 1F6A9  triangular flag on post	Post is slanted
0120		29B8		CIRCLED REVERSED SOLIDUS	Reference glyph is smaller but commercial fonts are larger
0121		2296		CIRCLED MINUS	See w-0120

0122		1F6AD		NO SMOKING SYMBOL	
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Bubble symbol

ID	glyph	UCS	glyph	Name	Comments
0123				LEFT ANGER BUBBLE	



















Miscellaneous symbol

ID	glyph	UCS	glyph	Name	Comments
0124		23D1		VERTICAL LINE EXTENSION → 007C vertical line	The line segment should occupy the full line height



Bubble symbols



















































ID	glyph	UCS	glyph	Name	Comments
0125				RIGHT ANGER BUBBLE	
0126				LIGHTNING MOOD → 26A1 ⚡ high voltage sign	Orientation is different

Portrait and role symbols





ID	glyph	UCS	glyph	Name	Comments
0128		1F6B9		MENS SYMBOL	
0129		1F6BA		WOMENS SYMBOL	Dress is different
0130				BOY SILHOUETTE	
0131				GIRL SILHOUETTE	
0132				BABY IN WRAP → 1F6BC 🍼 baby symbol	
0133				BLACK EXTRATERRESTRIAL ALIEN → 1F47D 👽 extraterrestrial alien	
0134				WEIGHT LIFTER	
0135				SKIER Variant → 26F7 🏂 skier	Opposite direction
0136				SNOWBOARDER Variant → 1F3C2 🏂 snowboarder	Different glyph
0137				GOLFER	
0138				SWIMMER Variant → 1F3CA 🏊 swimmer	w-0138 glyph more realistic
0139				SURFER Variant → 1F3C4 🏄 surfer	
0140				MOTORCYCLE RIDER	
0141				RACE CAR WITH RIDER	

Miscellaneous symbols



































ID	glyph	UCS	glyph	Name	Comments
0142		1F698		ONCOMING AUTOMOBILE	








0143				STOCK CHART → 1F4C8  chart with upward trend	
0144				OIL DRUM	
0145				BLACK MONEY BAG → 1F4B0  money bag	
0146				PARCEL TAG → 1F516  bookmark	
0147		1F4B3		CREDIT CARD	Use w-0147 glyph
0148		1F46A		FAMILY	
0149				DAGGER KNIFE = hate → 1F52A  hocho	
0150				LIPS = kiss → 1F48B  kiss mark	
0151				SPEAKING HEAD SILHOUETTE	
0152				PINWHEEL STAR = five pointed pinwheel star	
0153				BLACK ENVELOPE WITH WHITE LIGHTNING = e-mail → 1F4E7  e-mail symbol	
0154				SEND MESSAGE → 1F4E9  envelope with downwards arrow above	
0155				ENVELOPPE WITH STAMP = mail	Same as w-1043
0156				ENVELOPE WITH STAMP AND PEN = write	
0157				DOCUMENT	
0158				DOCUMENT WITH PICTURE	
0159				PICTURE ICON	
0160				SLEUTH OR SPY	
0161				MANTELPiece CLOCK → 23F0  alarm clock	
0162				FRAMED PICTURE WITH TILES	
0163				FRAME WITH A X = no picture	
0164				CLIPBOARD SIDEWAY → 1F4CB  clipboard	
0165				CALENDAR EMPTY → 1F4C5  calendar	
0166				CALENDAR DAY-1 → 1F4C6  tear-off calendar	
0167				OPEN BOOK Variant → 1F4D6  open book	Also w-1038
0168				BOOKS Variant → 1F4DA  books	
0169				ROLLED-UP NEWSPAPER → 1F4F0  newspaper	
0170				INDEX CARD WITH CIRCLED TEXT	
0171				CARD FILE BOX	
0172				BLACK CARD INDEX → 1F4C7  card index	
0173				FRAMED PICTURE = art	

Entertainment symbols















ID	glyph	UCS	glyph	Name	Comments
0174				PERFORMING ARTS Variant = theater → 1F3AD 🎭 performing arts	
0175				BEAMED SIXTEENTH NOTES Variant = music → 266C 🎵 beamed sixteenth notes	Most fonts show 266C descending, was also an issue with ARIB

Audio Video Electronic symbols




















ID	glyph	UCS	glyph	Name	Comments
0176				MUSICAL KEYBOARD WITH PLUGS = midi keyboard → 1F3B9 🎹 musical keyboard	
0177				STUDIO MICROPHONE → 1F3A4 🎙 microphone	
0178				HEADPHONE Variant → 1F3A7 🎧 headphone	Isn't headphone plural as 'headphones'?
0179				OPTICAL DISK Variant → 1F4BF 💿 optical disk	PS name is 'CDROM', could be confused with a tape reel
0180				FILM = film clip	
0181				CAMERA Variant → 1F4F7 📷 camera	
0182				ADMISSION TICKETS → 1F3AB 🎫 ticket	
0183				CLAPPER BOARD Variant → 1F3AC 🎬 clapper board	
0184				FILM PROJECTOR → 1F3A6 🎥 cinema	
0185				VIDEO CAMERA Variant → 1F4F9 📹 video camera	
0186				PORTABLE STEREO	
0187				RADIO Variant → 1F4FB 📻 radio	Original old fashioned
0188				LEVEL SLIDER	
0189				CONTROL KNOBS	
0190				TELEVISION Variant → 1F4FA 📺 television	Original old fashioned
0191				COMPUTER MONITOR → 1F4BB 💻 personal computer	
0192				DESKTOP COMPUTER = tower computer	
0193				KEYBOARD AND MOUSE → 2328 🖱 keyboard	Keyboard is ergonomic
0194				THREE NETWORKED COMPUTERS = computer network	
0195				JOYSTICK	
0196				BLACK GAME CONTROLLER → 1F3AE 🎮 video game	
0197				TELEPHONE RECEIVER LEFT HAND → 1F4DE 📞 telephone receiver	See w-2040, add reference
0198				TELEPHONE RECEIVER WITH PAGE = fax → 1F4E0 📠 fax machine	
0199				PAGER Variant → 1F4DF 📱 pager	
0200				CLAMSHELL MOBILE PHONE → 1F4F1 📱 mobile phone	
0201				TELEPHONE ON TOP OF MODEM = modem	

0202				FAX MACHINE Variant → 1F4E0  fax machine	
0203				POCKET CALCULATOR	
0204				BLACK FOLDER	Add reference to w-1048
0205				BLACK HARD SHELL FLOPPY DISK → 1F4BE  floppy disk	


Miscellaneous symbols











ID	glyph	UCS	glyph	Name	Comments
0206				COMPRESSION	
0207				LOCKED → 1F512  lock	
0208				UNLOCKED → 1F513  unlock	
0209				OLD KEY = encryption → 1F511  key	
0210				INBOX Variant → 1F4E5  inbox	
0211				OUTBOX Variant → 1F4E4  outbox	
0212				OVAL SHAPE	Was called portable hole?

Weather symbols








ID	glyph	UCS	glyph	Name	Comments
0213				WHITE SUN → 263C  white sun with rays	See w-1082
0214				WHITE SUN WITH SMALL BLACK CLOUD → 26C5  sun behind cloud	
0215				WHITE SUN BEHIND BLACK CLOUDS	
0216				WHITE SUN BEHIND BLACK CLOUDS AND RAIN = showers	
0217				BLACK CLOUD → 2601  cloud	2601 used to show a black cloud (Unicode 6.0)
0218				BLACK CLOUD AND SNOW = snow showers	
0219				BLACK CLOUD AND RAIN = rain	
0220				BLACK CLOUD AND THUNDER = thunderstorm → 26C8  thunder cloud and rain	
0221				BLACK CLOUD AND TORNADO = tornado, twister	
0222				WIND BLOWING FACE = wind	
0223				FOG → 1F301  foggy	
0224		1F31C		LAST QUARTER MOON WITH FACE = moon	Webdings glyph is smaller
0225				THERMOMETER = temperature = warm	

Accommodation






ID	glyph	UCS	glyph	Name	Comments
0226				COACH AND LAMP = furniture, lifestyles	See w-1082

0227				BED IN PERSPECTIVE = hotel, guestrooms = accommodation → 1F3E8 🛏 hotel	
0228				BLACK PLATE WITH KNIFE AND FORK = dining → 1F374 🍴 fork and knife	
0229				COCKTAIL GLASS Variant = lounge → 1F378 🍸 cocktail glass	
0230				BELLHOP BELL = reception = services	
0231				TWO SHOPPING BAGS = shopping	
0232		24C5		CIRCLED CAPITAL LETTER P	Webdings glyph is sans-serif
0233				HANDICAPPED PUSHING WHEEL → 267F ♿ wheelchair symbol	Glyph looks more like this is wheelchair racing
0234				TRIANGLE WITH ROUNDED CORNERS = caution → 25B3 ⚠ white up-pointing triangle	



Miscellaneous symbols



ID	glyph	UCS	glyph	Name	Comments
0235				BLACK PUSH PIN = marker → 1F4CC 📌 push pin	
0236				MORTARBOARD = education → 1F393 🎓 graduation cap	
0237				THREE RAYS ABOVE	
0238				THREE RAYS BELOW	
0239				THREE RAYS LEFT → 269E ➤ three lines converging right	
0240				THREE RAYS RIGHT → 269F ➤ three lines converging left	
0241				AIRPLANE RISING → 2708 🛫 airplane	See w-1081

Animal symbols








ID	glyph	UCS	glyph	Name	Comments
0242				CHIPMUNK SILHOUETTE	
0243				BIRD SILHOUETTE → 1F426 🐦 bird	
0244				FISH SILHOUETTE → 1F41F 🐟 fish	
0245				DOG SILHOUETTE → 1F415 🐶 dog	
0246				CAT SILHOUETTE → 1F408 🐱 cat	

Rocket symbols


ID	glyph	UCS	glyph	Name	Comments
0247				ROCKET LEFT → 1F680 🚀 ROCKET	
0248				ROCKET RIGHT	

0249				ROCKET UP	
0250				ROCKET DOWN	

Map and globe symbols

















ID	glyph	UCS	glyph	Name	Comments
0251				WORLD MAP	
0252		1F30D		EARTH GLOBE EUROPE-AFRICA	
0253		1F30F		EARTH GLOBE ASIA-AUSTRALIA	
0254		1F30E		EARTH GLOBE AMERICAS	

Miscellaneous symbol






















ID	glyph	UCS	glyph	Name	Comments
0255				DOVE OF PEACE = peace	

Wingdings











Miscellaneous symbols
















ID	glyph	UCS	glyph	Name	Comments
1033				LOWER LEFT PENCIL → 270E  lower right pencil	Pencil in different direction
1034		2702		BLACK SCISSORS	
1035		2701		UPPER BLADE SCISSORS	
1036				EYEGLASSES Variant → 1F453  eyeglasses	1F453 has eyes/shades and is oriented differently, could be unified if shape is changed
1037				BELL Variant → 1F514  bell	1F514 has a centered clapper (still), this one has a moving one, could be dis-unified using RINGING BELL
1038				OPEN BOOK Variant → 1F4D6  open book	1F4D6 has writing on page, see also w-0167
1039				CANDLE	

Communication symbols























ID	glyph	UCS	glyph	Name	Comments
1040				BLACK TOUCHTONE TELEPHONE → 260E  black telephone	260E has an old fashioned look widely used in East Asian fonts
1041				TELEPHONE LOCATION SIGN Variant → 2706  telephone location sign	2706 is oriented differently
1042				ENVELOPE Variant	2709  ENVELOPE is really 'Sealed envelope'. New character could be called: 'BACK OF ENVELOPE'
1043				ENVELOPE WITH STAMP	Same as w-0155
1044				CLOSED MAILBOX WITH LOWERED FLAG Variant	Could be unified with 1F4EA  CLOSED MAILBOX WITH LOWERED FLAG if the post was removed
1045				CLOSED MAILBOX WITH RAISED FLAG Variant	Could be unified with 1F4EB  CLOSED MAILBOX WITH RAISED FLAG if the post was removed
1046				OPEN MAILBOX WITH RAISED FLAG Variant	Could be unified with 1F4EC  OPEN MAILBOX WITH RAISED FLAG if the new glyph was used. Does this mean 'you have mail' or 'you are sending mail'?
1047				OPEN MAILBOX WITH LOWERED FLAG variant	Could be unified with 1F4ED  OPEN MAILBOX WITH RAISED FLAG if the new glyph was used. = you have no mail

Office symbols







ID	glyph	UCS	glyph	Name	Comments
1048				FOLDER = directory → 1F4C1  file folder	
1049				OPEN FOLDER → 1F4C2  open file folder	
1050				DOCUMENT = tall file with text 1 → 1F4C4  page facing up	These 3 tall file with text complete the set in w-2041-2049, reference w-0157
1051				PAGE = tall file with text → 1F4C3  page with curl	
1052				PAGES = tall file with text 3	
1053				FILE CABINET	

1054				HOURLASS 3-D → 231B  hourglass	
1055				KEYBOARD WITH CORD → 2328  keyboard	
1056				TWO BUTTON MOUSE	
1057				TRACKBALL	
1058				COMPUTER → 1F4BB  personal computer	Old fashion shape
1059				HARD DISK	
1060				WHITE HARD SHELL FLOPPY DISK → 1F4BE  floppy disk	Picture in 1F4BE also represents a hard shell floppy disk with different color and orientation. See also w-0205
1061				SOFT SHELL FLOPPY DISK → 1F4BE  floppy disk	
1062		2707		TAPE DRIVE	







Hand symbols




























ID	glyph	UCS	glyph	Name	Comments
1063		270D		WRITING HAND = right writing hand	
1064				LEFT WRITING HAND	
1065		270C		VICTORY HAND	
1066				TURNED OK HAND SIGN → 1F44C  ok hand sign	
1067		1F44D		THUMBS UP SIGN	
1068		1F44E		THUMBS DOWN SIGN	
1069		261C		WHITE LEFT POINTING INDEX	Most fonts don't have the black collar
1070		261E		WHITE RIGHT POINTING INDEX	Add cross reference to 1F449 white right pointing backhand index for 261E
1071		261D		WHITE UP POINTING INDEX	Add cross reference to 1F446 white up pointing backhand index for 261D
1072				WHITE DOWN POINTING INDEX ON LEFT → 261F  white down pointing index → 1F447  white down pointing backhand index	Other similar symbols have index on the right
1073				RAISED HAND WITH FINGERS SPYLED → 270B  raised hand	

Emoticons

























ID	glyph	UCS	glyph	Name	Comments
1074		263A		WHITE SMILING FACE	
1075		1F610		NEUTRAL FACE	
1076		2639		WHITE FROWNING FACE	

Miscellaneous symbols



ID	glyph	UCS	glyph	Name	Comments
1077		1F4A3		BOMB	
1078				BLACK SKULL AND CROSS BONES → 2620  skull and cross bones	
1079				WAVING WHITE FLAG → 2690  white flag	

1080				PENNANT → 1F6A9 	
1081				AIRPLANE SYMBOL → 2708 	This symbol is more generic, does not show engines
1082				WHITE SUN WITH BLACK RAYS → 263C 	
1083				BLACK DROPLET → 1F4A7 	
1084		2744		SNOWFLAKE	
1085				WHITE LATIN CROSS → 271E 	
1086		271E		SHADOWED LATIN CROSS	
1087				CELTIC CROSS	
1088		2720		MALTESE CROSS	
1089		2721		STAR OF DAVID	
1090		262A		STAR AND CRESCENT	
1091		262F		YIN YANG	
1092				OM SIGN → 0950 	Although identical to devanagari om sign, the symbol needs to be type independent
1093		2638		WHEEL OF DHARMA	

Zodiacal symbols

ID	glyph	UCS	glyph	Name	Comments
1094		2648		ARIES	
1095		2649		TAURUS	
1096		264A		GEMINI	
1097		264B		CANCER	
1098		264C		LEO	
1099		264D		VIRGO	
1100		264E		LIBRA	
1101		264F		SCORPIUS	
1102		2650		SAGITTARIUS	
1103		2651		CAPRICORN	
1104		2652		AQUARIUS	
1105		2653		PISCES	

Ligatures

ID	glyph	UCS	glyph	Name	Comments
1106				ITALIC AMPERSAND	See w-2089
1107				SWASH AMPERSAND → 0026 & ampersand	

Geometric shapes

ID	glyph	UCS	glyph	Name	Comments
1108	●		●	BLACK CIRCLE 6 → 25CF ● black circle	Smaller is w-2151, larger is w-2152 First occurrence of a 7 series (1 to 7)
1109	◯			LOWER RIGHT SHADOWED WHITE CIRCLE → 274D ◯ shadowed white circle	Shadow is lower right instead of right, See also W-1166
1110	■		■	BLACK SQUARE 6 → 25A0 ■ black square	Smaller is w-2161, larger is w-2162 First occurrence of a 7 series (1 to 7)
1111	□		□	BOX 3 → 25A1 □ white square	Smaller is w-1168, larger is w-1112 First occurrence of a series of 7
1112	◼			BOX 4 = heavy white square	Smaller is w-1111, larger is w-2164
1113	◻	2751	◻	LOWER RIGHT SHADOWED WHITE SQUARE	
1114	◻	2752	◻	UPPER RIGHT SHADOWED WHITE SQUARE	
1115	◆		◆	BLACK LOZENGE 4 → 2B27 ◆ black medium lozenge	Smaller is w-2182, larger is w-2183 First occurrence of a series of 6
1116	◆		◆	BLACK LOZENGE 6 → 29EB ◆ black lozenge	Smaller is w-2183, largest
1117	◆		◆	BLACK RHOMBUS 6 → 25C6 ◆ black diamond	Smaller is w-2174, largest First occurrence of a series of 6
1118	❖	2756	❖	BLACK DIAMOND MINUS WHITE X	
1119	◆		◆	BLACK RHOMBUS 4 → 2B29 ◆ black small diamond	Smaller is w-2173, larger is w-2174
1120	☒	2612	☒	BALLOT BOX WITH X	
1121	☑			BALLOT BOX WITH CARET → 2353 ☑ apl functional symbol quad up caret	

Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
1122	⌘	2318	⌘	PLACE OF INTEREST SIGN	
1123	❁		❁	WHITE FLORETTE Variant → 2740 ❁ white florette	Significant variant
1124	❁		❁	BLACK FLORETTE Variant → 2741 ❁ white florette	Significant variant
1125	“			SANS-SERIF HEAVY DOUBLE TURNED COMMA QUOTATION MARK ORNAMENT → 275D “ heavy double turned comma quotation mark ornament	
1126	”			SANS-SERIF HEAVY DOUBLE COMMA QUOTATION MARK ORNAMENT → 275E ” heavy double comma quotation mark ornament	

Circled numbers

ID	glyph	UCS	glyph	Name	Comments
1128	①	24EA	①	CIRCLED DIGIT ZERO	See below
1129	①	2460	①	CIRCLED DIGIT ONE	Could also map to 2780-2789 DINGBAT CIRCLED SANS-SERIF DIGIT ONE to TEN, but then DIGIT ZERO needs to be added.
1130	②	2461	②	CIRCLED DIGIT TWO	
1131	③	2462	③	CIRCLED DIGIT THREE	

1132	④	2463	④	CIRCLED DIGIT FOUR	
1133	⑤	2464	⑤	CIRCLED DIGIT FIVE	
1134	⑥	2465	⑥	CIRCLED DIGIT SIX	
1135	⑦	2466	⑦	CIRCLED DIGIT SEVEN	
1136	⑧	2467	⑧	CIRCLED DIGIT EIGHT	
1137	⑨	2468	⑨	CIRCLED DIGIT NINE	
1138	⑩	2469	⑩	CIRCLED DIGIT TEN	
1139	⓪	24FF	⓪	NEGATIVE CIRCLED DIGIT ZERO	See below
1140	➊	2776	➊	DINGBAT NEGATIVE CIRCLED DIGIT ONE	Could also map to 278A-2793 DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ONE to TEN, but then SANS-SERIF DIGIT ZERO needs to be added
1141	➋	2777	➋	DINGBAT NEGATIVE CIRCLED DIGIT TWO	
1142	➌	2778	➌	DINGBAT NEGATIVE CIRCLED DIGIT THREE	
1143	➍	2779	➍	DINGBAT NEGATIVE CIRCLED DIGIT FOUR	
1144	➎	277A	➎	DINGBAT NEGATIVE CIRCLED DIGIT FIVE	
1145	➏	277B	➏	DINGBAT NEGATIVE CIRCLED DIGIT SIX	
1146	➐	277C	➐	DINGBAT NEGATIVE CIRCLED DIGIT SEVEN	
1147	➑	277D	➑	DINGBAT NEGATIVE CIRCLED DIGIT EIGHT	
1148	➒	277E	➒	DINGBAT NEGATIVE CIRCLED DIGIT NINE	
1149	➓	277F	➓	DINGBAT NEGATIVE CIRCLED DIGIT TEN	

Ornament symbols

























ID	glyph	UCS	glyph	Name	Comments
1150	🌿			BUD AND LEAF NORTH EAST	See opposite weight in range w-2097-2104
1151	🌿			BUD AND LEAF NORTH WEST	
1152	🌿			BUD AND LEAF SOUTH WEST	
1153	🌿			BUD AND LEAF SOUTH EAST	
1154	🌿			BOLD VINE LEAF NORTH EAST	
1155	🌿			BOLD VINE LEAF NORTH WEST	
1156	🌿			BOLD VINE LEAF SOUTH WEST	
1157	🌿			BOLD VINE LEAF SOUTH EAST	

Geometric shapes









ID	glyph	UCS	glyph	Name	Comments
1158	•		•	BLACK CIRCLE 2 → 22C5 · dot operator	Smaller is w-2149, larger is w-2150

1159	●			BLACK CIRCLE 4 → 2981 • z notation spot → 26AB ● medium black circle	Smaller is w-2150, larger is w-2151
1160	▪		▪	BLACK SQUARE 2 → 2B1D ▪ black very small square	Smaller is w-2159, larger is w-2160
1161	○		○	RING 2 → 2B58 ○ heavy circle	Smaller is w-2153, larger is w-2154 First occurrence of a series of 7
1162	⦿			RING 4 = very heavy circle	Smaller is w-2154, larger is w-2155
1163	⦿			RING 6 = extremely heavy circle	Smaller is w-2155, larger is w-2156
1164	⦿			RING BUTTON 2 → 2299 ○ circled dot operator → 29BF ● circled bullet → 25C9 ● fisheye	Smaller is w-2157, larger is w-2158 First occurrence of a series of 3
1165	⊙			TWO CONCENTRIC HEAVY CIRCLES WITH VERY SMALL BLACK CIRCLE INSIDE = target → 25CE ⊙ bullseye → 29BE ⊙ circled white bullet → 2B57 ⊙ heavy circle with circle inside	Part of a target collection (round, square, rhombus)
1166	◯			UPPER RIGHT SHADOWED WHITE CIRCLE → 274D ◯ shadowed white circle	See W-1109
1167	■		■	BLACK SQUARE 4 → 25AA ■ black small square	Smaller is w-2160, larger is w-2161
1168	□		□	BOX 2 → 25A1 □ white square	Smaller is w-2163, larger is w-1111
1169	✴			THREE POINTED BLACK STAR 2	Previous is w-2229, next is w-2230 First occurrence of a series of 3
1170	✴			FOUR POINTED BLACK STAR 2	Previous is w-2231, next is w-2232 First occurrence of a series of 3
1171	★	2605	★	BLACK STAR = five pointed black star 2	Previous is w-2233, next is w-2234 First occurrence of a series of 3
1172	★			SIX POINTED BLACK STAR 2	Previous is w-2235, next is w-2236 First occurrence of a series of 3
1173	✳		✳	EIGHT POINTED BLACK STAR 2 → 2738 ✳ heavy eight rectilinear pointed black star	Why rectilinear? Previous is w-2237, next is w-2238 First occurrence of a series of 3
1174	✳			TWELVE POINTED BLACK STAR 3	Previous is w-2240, last First occurrence of a series of 3
1175	✳		✳	EIGHT POINTED PINWHEEL STAR Variant → 2735 ✳ eight pointed pinwheel star	In shape correspond to a 'eight pointed black star 2', the shape for 2735 is the '1' variant.
1176	⊞			SQUARE POSITION INDICATOR → 2316 ⊞ position indicator	
1177	⊞		⊞	POSITION INDICATOR Variant → 2316 ⊞ position indicator	Variant has a blank center and is smaller
1178	✧		✧	WHITE FOUR POINTED STAR Variant → 2727 ✧ white four pointed star	
1179	◻			LARGE SQUARE LOZENGE → 2311 ◻ square lozenge	
1180	◻			UNCERTAINTY SIGN → 2370 ◻ apl function symbol quad question → FFFD ◻ square lozenge	this is unequivocally the question mark in the diamond, whereas FFFD could have any representation
1181	★	272A	★	CIRCLED WHITE STAR	
1182	☆			SHADOWED WHITE STAR Variant → 2730 ☆ shadowed white star	Shadow is different








Clock face symbols




ID	glyph	UCS	glyph	Name	Comments
1183		1F550		CLOCK FACE ONE OCLOCK	
1184		1F551		CLOCK FACE TWO OCLOCK	
1185		1F552		CLOCK FACE THREE OCLOCK	
1186		1F553		CLOCK FACE FOUR OCLOCK	
1187		1F554		CLOCK FACE FIVE OCLOCK	
1188		1F555		CLOCK FACE SIX OCLOCK	
1189		1F556		CLOCK FACE SEVEN OCLOCK	
1190		1F557		CLOCK FACE EIGHT OCLOCK	
1191		1F558		CLOCK FACE NINE OCLOCK	
1192		1F559		CLOCK FACE TEN OCLOCK	
1193		1F55A		CLOCK FACE ELEVEN OCLOCK	
1194		1F55B		CLOCK FACE TWELVE OCLOCK	

Arrows





ID	glyph	UCS	glyph	Name	Comments
1195				WHITE ARROW POINTING DOWNWARDS THEN CURVING LEFTWARDS	
1196				WHITE ARROW POINTING DOWNWARDS THEN CURVING RIGHTWARDS	
1197				WHITE ARROW POINTING UPWARDS THEN CURVING LEFTWARDS	
1198				WHITE ARROW POINTING UPWARDS THEN CURVING RIGHTWARDS	
1199				WHITE ARROW POINTING LEFTWARDS THEN CURVING UPWARDS	
1200				WHITE ARROW POINTING RIGHTWARDS THEN CURVING UPWARDS	
1201				WHITE ARROW POINTING LEFTWARDS THEN CURVING DOWNWARDS	
1202				WHITE ARROW POINTING RIGHTWARDS THEN CURVING DOWNWARDS	

Ornament symbols






















ID	glyph	UCS	glyph	Name	Comments
1203				QUILT SQUARE 2 = fourfold knot ornament	
1204				BLACK QUILT SQUARE 2 = inverse fourfold knot ornament	
1205				LEAF COUNTERCLOCKWISE SOUTH WEST	
1206				LEAF COUNTERCLOCKWISE NORTH WEST	
1207				LEAF COUNTERCLOCKWISE SOUTH EAST	
1208				LEAF COUNTERCLOCKWISE NORTH EAST	
1209				LEAF NORTH WEST	

1210				LEAF SOUTH WEST	
1211				LEAF NORTH EAST	
1212				LEAF SOUTH EAST	

Erase symbols

ID	glyph	UCS	glyph	Name	Comments
1213		232B		ERASE TO THE LEFT	Most fonts implementing these characters show the Winding glyphs, the reference glyphs should probably be changed accordingly
1214		2326		ERASE TO THE RIGHT	

Arrows

ID	glyph	UCS	glyph	Name	Comments
1215				THREE-D TOP-LIGHTED LEFTWARDS ARROWHEAD	This pair is narrower than the 27A2-27A3 pair
1216				THREE-D TOP-LIGHTED RIGHTWARDS ARROWHEAD Variant → 27A2 ➤ shadowed white start	
1217				THREE-D RIGHT-LIGHTED UPWARDS ARROWHEAD	
1218				THREE-D LEFT-LIGHTED DOWNWARDS ARROWHEAD	
1219				CIRCLED HEAVY WHITE LEFTWARDS ARROW	
1220				CIRCLED HEAVY WHITE RIGHTWARDS ARROW	
1221				CIRCLED HEAVY WHITE UPWARDS ARROW	
1222				CIRCLED HEAVY WHITE DOWNWARDS ARROW	
1223				WIDE-HEADED LEFTWARDS ARROW 2	PS style is 'barb2', see w-3209
1224				WIDE-HEADED RIGHTWARDS ARROW 2	
1225				WIDE-HEADED UPWARDS ARROW 2	
1226				WIDE-HEADED DOWNWARDS ARROW 2	
1227				WIDE-HEADED NORTH WEST ARROW 2	
1228				WIDE-HEADED NORTH EAST ARROW 2	
1229				WIDE-HEADED SOUTH WEST ARROW 2	
1230				WIDE-HEADED SOUTH EAST ARROW 2	
1231				WIDE-HEADED LEFTWARDS ARROW 4	PS style is 'barb2', see w-3209
1232				WIDE-HEADED RIGHTWARDS ARROW 4 → 2794 ➡ heavy wide-headed rightwards arrow	
1233				WIDE-HEADED UPWARDS ARROW 4	

1234	↓			WIDE-HEADED DOWNWARDS ARROW 4	
1235	↖			WIDE-HEADED NORTH WEST ARROW 4	
1236	↗			WIDE-HEADED NORTH EAST ARROW 4	
1237	↙			WIDE-HEADED SOUTH WEST ARROW 4	
1238	↘			WIDE-HEADED SOUTH EAST ARROW 4	
1239	↩	21E6	↩	LEFTWARDS WHITE ARROW	Glyph for 21E6 was changed by last FCD, too extreme?
1240	↪	21E8	↪	RIGHTWARDS WHITE ARROW	See above
1241	↑	21E7	↑	UPWARDS WHITE ARROW	See above
1242	↓	21E9	↓	DOWNWARDS WHITE ARROW	See above
1243	↔	2B04	↔	LEFT RIGHT WHITE ARROW	Glyph for 2B04 needs to be changed to Winding style
1244	↕	21F3	↕	UP DOWN WHITE ARROW	See comment for w-1239
1245	↖	2B01	↖	NORTH WEST WHITE ARROW	See comment for w-1243
1246	↗	2B00	↗	NORTH EAST WHITE ARROW	See comment for w-1243
1247	↙	2B03	↙	SOUTH WEST WHITE ARROW	See comment for w-1243
1248	↘	2B02	↘	SOUTH EAST WHITE ARROW	See comment for w-1243

Geometric shapes







ID	glyph	UCS	glyph	Name	Comments
1249	□			WHITE MEDIUM SMALL RECTANGLE → 25AD □ white rectangle	
1250	◻	25FD	◻	WHITE MEDIUM SMALL SQUARE	

Miscellaneous symbols







ID	glyph	UCS	glyph	Name	Comments
1251	✕		✕	BALLOT X Variant → 2717 ✕ ballot x	Ballot x has longer legs
1252	✓	2713	✓	CHECK MARK	
1253	☒		☒	BALLOT BOX WITH X Variant → 2612 ☒ ballot box with x	X shape is different
1254	☑	2611	☑	BALLOT BOX WITH CHECK	
1255	⌘			WINDOWS LOGO	Probably copyright, trademark issue

Wingdings 2




Writing implements

ID	glyph	UCS	glyph	Name	Comments
2033				LOWER LEFT BALLPOINT PEN → 270E  lower right pencil	See also w-1033
2034				LOWER LEFT FOUNTAIN PEN → 2711  white nib	
2035				LOWER LEFT PAINTBRUSH	
2036				LOWER LEFT CRAYON	














Scissors

ID	glyph	UCS	glyph	Name	Comments
2037		2704		WHITE SCISSORS → 2704  white scissors	Styles slightly different
2038		2702		CHILD BLACK SCISSORS → 2702  black scissors	








Telephones

ID	glyph	UCS	glyph	Name	Comments
2039				WHITE TOUCHTONE TELEPHONE → 260F  white telephone	260F has an old fashioned look used in East Asian fonts, similar case to w-1040
2040				TELEPHONE RECEIVER RIGHT HAND	See also w-0197, add reference
























User Interfaces symbols

ID	glyph	UCS	glyph	Name	Comments
2041				EMPTY NOTE = file1	Alias for the 9 following characters denote usage in UI, maybe should use those names
2042				EMPTY NOTE PAGE = file	
2043				EMPTY NOTE PAD = file3	
2044				NOTE = file text1	
2045				NOTE PAGE = file text	
2046				NOTE PAD = file text3	
2047				EMPTY DOCUMENT = tall file1	
2048				EMPTY PAGE = tall file	
2049				EMPTY PAGES = tall file3	
2050		1F4CB		CLIPBOARD	See w-0164
2051				TRASHCAN = wastebasket	
2052				WINDOW	

Computer hardware icons

ID	glyph	UCS	glyph	Name	Comments
2053				SCREEN = monitor → 20E2 combining enclosing screen	
2054				PRINTER	
2055				FAX → 1F4E0 📠 fax machine	See also w-0198, w-0202
2056				OPTICAL DISK Variant = compact disc → 1F4BF 💿 optical disk	See also w-0179, could also be named according to shape
2057				TAPE CARTRIDGE	
2058				ONE BUTTON MOUSE	Reference w-1056
2059				THREE BUTTON MOUSE	

Hand symbols

ID	glyph	UCS	glyph	Name	Comments
2060				REVERSED THUMBS UP SIGN → 1F44D 🙏 thumbs up sign	See also w-1067
2061				REVERSED THUMBS DOWN SIGN → 1F44E 🙏 thumbs up sign	See also w-1068
2062				SIDEWAYS WHITE LEFT POINTING INDEX → 261C 🖐 white left pointing index	See also w-1069
2063				SIDEWAYS WHITE RIGHT POINTING INDEX → 261E 🖐 white right pointing index	See also w-1070
2064				SIDEWAYS BLACK LEFT POINTING INDEX	
2065				SIDEWAYS BLACK RIGHT POINTING INDEX	
2066		1F448		WHITE LEFT POINTING BACKHAND INDEX	
2067		1F449		WHITE RIGHT POINTING BACKHAND INDEX	
2068				BLACK LEFT POINTING BACKHAND INDEX → 1F448 🖐 white left pointing backhand index	
2069				BLACK RIGHT POINTING BACKHAND INDEX → 1F449 🖐 white right pointing backhand index	
2070				SIDEWAYS WHITE UP POINTING INDEX → 261D 🖐 white up pointing index	See also w-1071
2071				SIDEWAYS WHITE DOWN POINTING INDEX → 261F 🖐 white down pointing index	See also w-1072
2072				SIDEWAYS BLACK UP POINTING INDEX	
2073				SIDEWAYS BLACK DOWN POINTING INDEX	
2074		1F446		WHITE UP POINTING BACKHAND INDEX	
2075		1F447		WHITE DOWN POINTING BACKHAND INDEX	
2076				BLACK UP POINTING BACKHAND INDEX → 1F446 🖐 white up pointing backhand index	
2077				BLACK DOWN POINTING BACKHAND INDEX → 1F447 🖐 white down pointing backhand index	
2078				REVERSED RAISED HAND WITH FINGERS SPLAYED	See w-1073, add reference

Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
2079	✕			BALLOT X Variant	Duplicate of w-1251
2080	✓	2713	✓	CHECK MARK	Duplicate of w-1252
2081	☒			BALLOT BOX WITH X Variant	Duplicate of w-1253
2082	☑	2611	☑	BALLOT BOX WITH CHECK	Duplicate of w-1254
2083	☒			BALLOT BOX WITH LIGHT X → 2612 ☒ ballot box with x	
2084	☒	2612	☒	BALLOT BOX WITH X	
2085	⊗			CIRCLED X → 2297 ⊗ circled times	This should be <2297, FE00>, is that ideal?
2086	⊗		⊗	CIRCLED HEAVY X	
2087	⊖	29B8		CIRCLED REVERSE LIGHT SOLIDUS	
2088	⊖	29B8	⊖	CIRCLED REVERSE SOLIDUS	Duplicate of w-0120

Ligatures



ID	glyph	UCS	glyph	Name	Comments
2089	<i>et</i>			DEMI BOLD ITALIC AMPERSAND	See w-1106
2090	&			BOLD AMPERSAND	
2091	Ⓔ			SANS-SERIF AMPERSAND	
2092	Ⓔ			DEMI BOLD SANS-SERIF AMPERSAND	

Punctuations

ID	glyph	UCS	glyph	Name	Comments
2093	?	203D	?	INTERROBANG	See w-1106
2094	?			DEMI BOLD INTERROBANG	
2095	?			SANS-SERIF INTERROBANG	
2096	?			DEMI BOLD SANS-SERIF INTERROBANG	

Ornament symbols

ID	glyph	UCS	glyph	Name	Comments
2097	❧			BOLD BUD AND LEAF NORTH EAST	See opposite weight in range w-1150-1157
2098	❧			BOLD BUD AND LEAF NORTH WEST	
2099	❧			BOLD BUD AND LEAF SOUTH WEST	
2100	❧			BOLD BUD AND LEAF SOUTH EAST	
2101	❧			VINE LEAF NORTH EAST	
2102	❧			VINE LEAF NORTH WEST	





2103				VINE LEAF SOUTH WEST	
2104				VINE LEAF SOUTH EAST	

Circled numbers





ID	glyph	UCS	glyph	Name	Comments
2105	①	24EA	①	CIRCLED DIGIT ZERO	See also range w-1128..w-1149
2106	①	2460	①	CIRCLED DIGIT ONE	
2107	②	2461	②	CIRCLED DIGIT TWO	
2108	③	2462	③	CIRCLED DIGIT THREE	
2109	④	2463	④	CIRCLED DIGIT FOUR	
2110	⑤	2464	⑤	CIRCLED DIGIT FIVE	
2111	⑥	2465	⑥	CIRCLED DIGIT SIX	
2112	⑦	2466	⑦	CIRCLED DIGIT SEVEN	
2113	⑧	2467	⑧	CIRCLED DIGIT EIGHT	
2114	⑨	2468	⑨	CIRCLED DIGIT NINE	
2115	⑩	2469	⑩	CIRCLED DIGIT TEN	
2116	⓪	24FF	⓪	NEGATIVE CIRCLED DIGIT ZERO	See below
2117	①	2776	①	DINGBAT NEGATIVE CIRCLED DIGIT ONE	Could also map to 278A-2793 DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ONE to TEN, but then SANS-SERIF DIGIT ZERO needs to be added
2118	②	2777	②	DINGBAT NEGATIVE CIRCLED DIGIT TWO	
2119	③	2778	③	DINGBAT NEGATIVE CIRCLED DIGIT THREE	
2120	④	2779	④	DINGBAT NEGATIVE CIRCLED DIGIT FOUR	
2121	⑤	277A	⑤	DINGBAT NEGATIVE CIRCLED DIGIT FIVE	
2122	⑥	277B	⑥	DINGBAT NEGATIVE CIRCLED DIGIT SIX	
2123	⑦	277C	⑦	DINGBAT NEGATIVE CIRCLED DIGIT SEVEN	
2124	⑧	277D	⑧	DINGBAT NEGATIVE CIRCLED DIGIT EIGHT	
2125	⑨	277E	⑨	DINGBAT NEGATIVE CIRCLED DIGIT NINE	
2126	⑩	277F	⑩	DINGBAT NEGATIVE CIRCLED DIGIT TEN	

Sun and moon symbols

























ID	glyph	UCS	glyph	Name	Comments
2128	☉	2609	☉	SUN	
2129	◯	1F315	◯	FULL MOON SYMBOL	

2130		263D		FIRST QUARTER MOON	
2131		263E		LAST QUARTER MOON	



Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
2132				CAPITULUM * ancestor of the pilcrow sign → 00B6 ¶ pilcrow sign	
2133		271D		LATIN CROSS	
2134				HEAVY LATIN CROSS	

Clock face symbols

ID	glyph	UCS	glyph	Name	Comments
2135		1F55C		CLOCK FACE ONE-THIRTY	
2136		1F55D		CLOCK FACE TWO-THIRTY	
2137		1F55E		CLOCK FACE THREE-THIRTY	
2138		1F55F		CLOCK FACE FOUR-THIRTY	
2139		1F560		CLOCK FACE FIVE-THIRTY	
2140		1F561		CLOCK FACE SIX-THIRTY	
2141		1F562		CLOCK FACE SEVEN-THIRTY	
2142		1F563		CLOCK FACE EIGHT-THIRTY	
2143		1F564		CLOCK FACE NINE-THIRTY	
2144		1F565		CLOCK FACE TEN-THIRTY	
2145		1F566		CLOCK FACE ELEVEN-THIRTY	
2146		1F567		CLOCK FACE TWELVE-THIRTY	

Ornament symbols

ID	glyph	UCS	glyph	Name	Comments
2147				QUILT SQUARE	See w-1203
2148				BLACK QUILT SQUARE	See w-1204

Black circles

ID	glyph	UCS	glyph	Name	Comments
2149	.			BLACK CIRCLE 1	Smallest, larger is w-1158
2150	•			BLACK CIRCLE 3	Smaller is w-1158, larger is w-1159
2151	●			BLACK CIRCLE 5	Smaller is w-1159, larger is w-1108

2152	●			BLACK CIRCLE 7	Smaller is w-1108, Largest
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Rings

ID	glyph	UCS	glyph	Name	Comments
2153	○			RING 1	Smallest, larger is w-1161
2154	◯			RING 3	Smaller is w-1161, larger is w-1162
2155	⦿			RING 5	Smaller is w-1162, larger is w-1163
2156	⦿			RING 7	Smaller is w-1163, largest

Ring buttons

ID	glyph	UCS	glyph	Name	Comments
2157	⦿			RING BUTTON 1	Smallest, larger is w-1164
2158	⦿			RING BUTTON 3	Smaller is w-1164, largest

Black squares

ID	glyph	UCS	glyph	Name	Comments
2159	.			BLACK SQUARE 1	Smallest, larger is w-1160
2160	▪			BLACK SQUARE 3	Smaller is w-1160, larger is w-1167
2161	■			BLACK SQUARE 5	Smaller is w-1167, larger is w-1110
2162	■			BLACK SQUARE 7	Smaller is w-1110, Largest


Boxes

ID	glyph	UCS	glyph	Name	Comments
2163	□			BOX 1	Smallest, larger is w-1168
2164	▣			BOX 5	Smaller is w-1112, larger is w-2165
2165	▣			BOX 6	Smaller is w-2164, larger is w-2166
2166	▣			BOX 7	Smaller is w-2165, Largest

Box buttons

ID	glyph	UCS	glyph	Name	Comments
2167	▣			BOX BUTTON 1	Series of 3
2168	▣			BOX BUTTON 2	
2169	▣			BOX BUTTON 3	

Box target

ID	glyph	UCS	glyph	Name	Comments
2170				BOX TARGET	Reference w-1165

Rhombus

ID	glyph	UCS	glyph	Name	Comments
2171	.			BLACK RHOMBUS 1	Smallest, larger is w-2172
2172	◦			BLACK RHOMBUS 2	Smaller is w-2171, larger is w-2173
2173	◐			BLACK RHOMBUS 3	Smaller is w-2172, larger is w-1119
2174	◑			BLACK RHOMBUS 5	Smaller is w-1119, larger is w-1117
2175	◒			WHITE RHOMBUS	

Rhombus buttons

ID	glyph	UCS	glyph	Name	Comments
2176	◑			RHOMBUS BUTTON 1	Series of 3
2177	◒			RHOMBUS BUTTON 2	
2178	◓			RHOMBUS BUTTON 3	

Rhombus target

ID	glyph	UCS	glyph	Name	Comments
2179	◑			RHOMBUS TARGET	Reference w-1165







Lozenges

ID	glyph	UCS	glyph	Name	Comments
2180	.			BLACK LOZENGE 1	Smallest, larger is w-2181
2181	◦			BLACK LOZENGE 2	Smaller is w-2180, larger is w-2182
2182	◐			BLACK LOZENGE 3	Smaller is w-2181, larger is w-1115
2183	◑			BLACK LOZENGE 5	Smaller is w-1115, larger is w-1116
2184	◒			WHITE LOZENGE	












Lozenge button

ID	glyph	UCS	glyph	Name	Comments
2185	◑			LOZENGE BUTTON	Reference w-1165








Half circles

ID	glyph	UCS	glyph	Name	Comments
2186		25D6		LEFT HALF BLACK CIRCLE	Reference w-1165
2187		25D7		RIGHT HALF BLACK CIRCLE	
2188				TOP HALF BLACK CIRCLE	
2189				BOTTOM HALF BLACK CIRCLE	



Geometric shapes centered

ID	glyph	UCS	glyph	Name	Comments
2190				BLACK SQUARE CENTERED	All but two last of this series have 'cent' suffix in their PS name
2191				BLACK RHOMBUS CENTERED	
2192		2B1F		BLACK PENTAGON = black pentagon 1 centered	
2193				BLACK PENTAGON 2 CENTERED	
2194		2B23		HORIZONTAL BLACK HEXAGON = black hexagon 1 centered	
2195		2B22		BLACK HEXAGON = black hexagon 2 centered	
2196				HORIZONTAL BLACK OCTAGON = black octagon 1	
2197				BLACK OCTAGON = black octagon 2	

Crosses

ID	glyph	UCS	glyph	Name	Comments
2198				CROSS 1	
2199				CROSS 2	
2200				CROSS 3	
2201				CROSS 4	
2202				CROSS 5	
2203				CROSS 6	
2204				CROSS 7	

X forms

ID	glyph	UCS	glyph	Name	Comments
2205				X 1	
2206				X 2	

2207	✕			X 3	
2208	✕			X 4	
2209	✕			X 5	
2210	✕			X 6	
2211	✕			X 7	

Five spoked asterisks

ID	glyph	UCS	glyph	Name	Comments
2212	✧			FIVE SPOKED ASTERISK 1	
2213	✧			FIVE SPOKED ASTERISK 2	
2214	✧			FIVE SPOKED ASTERISK 3	
2215	✧			FIVE SPOKED ASTERISK 4	
2216	✧			FIVE SPOKED ASTERISK 5	
2217	✧			FIVE SPOKED ASTERISK 6	

Six spoked asterisks

ID	glyph	UCS	glyph	Name	Comments
2218	✧			SIX SPOKED ASTERISK 1	
2219	✧			SIX SPOKED ASTERISK 2	
2220	✧			SIX SPOKED ASTERISK 3	
2221	✧			SIX SPOKED ASTERISK 4	
2222	✧			SIX SPOKED ASTERISK 5	
2223	✧			SIX SPOKED ASTERISK 6	

Eight spoked asterisks

ID	glyph	UCS	glyph	Name	Comments
2224	✧			EIGHT SPOKED ASTERISK 1	
2225	✧			EIGHT SPOKED ASTERISK 2	
2226	✧			EIGHT SPOKED ASTERISK 3	
2227	✧			EIGHT SPOKED ASTERISK 4	
2228	✧			EIGHT SPOKED ASTERISK 5	

Pointed stars

ID	glyph	UCS	glyph	Name	Comments
2229	✠			THREE POINTED BLACK STAR 1	First, next is w-1169
2230	✡			THREE POINTED BLACK STAR 3	Previous is w-1169, last
2231	✧			FOUR POINTED BLACK STAR 1	First, next is w-1170
2232	✦			FOUR POINTED BLACK STAR 3	Previous is w-1170, last
2233	★			FIVE POINTED BLACK STAR 3	First, next is w-1171
2234	☆			FIVE POINTED BLACK STAR 3	Previous is w-1171, last
2235	✪	2736	✫	SIX POINTED BLACK STAR = six pointed black star 1	First, next is w-1172
2236	✬			SIX POINTED BLACK STAR 3	Previous is w-1172, last
2237	✨			EIGHT POINTED BLACK STAR 1	First, next is w-1173
2238	✩			EIGHT POINTED BLACK STAR 3	Previous is w-1173, last
2239	✴			TWELVE POINTED BLACK STAR 1	First, next is w-2240
2240	✶	2739	✷	TWELVE POINTED BLACK STAR = twelve pointed black star 2	Previous is w-2240, next is w-1174
2241	✧			THREE POINTED PINWHEEL STAR	
2242	✧			FOUR POINTED PINWHEEL STAR	
2243	☆	272F	☆	PINWHEEL STAR = five pointed pinwheel star	
2244	✧			SIX POINTED PINWHEEL STAR	
2245	✧			TWELVE POINTED PINWHEEL STAR	

Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
2246	✧	2726	✧	FOUR POINTED BLACK STAR = cusp * misnomer, these are not points, sides are curved	PS name is 'cusp'
2247	✧			CUSP 1	Not sure what 'cusp' means
2248	✖	203B	✖	REFERENCE MARK	
2249	**	2042	**	ASTERISM	

Wingdings 3

Simple triangle-headed arrows

ID	glyph	UCS	glyph	Name	Comments
3033	←			TRIANGLE-HEADED LEFTWARDS ARROW → 2190 ← leftwards arrow	PS style name is 'a2'
3034	→	279D	→	TRIANGLE-HEADED RIGHTWARDS ARROW → 2192 → rightwards arrow	Not exactly same, could need a new name for whole set
3035	↑			TRIANGLE-HEADED UPWARDS ARROW → 2191 ↑ upwards arrow	
3036	↓			TRIANGLE-HEADED DOWNWARDS ARROW → 2193 ↓ downwards arrow	
3037	↖			TRIANGLE-HEADED NORTH WEST ARROW → 2196 ↖ north west arrow	
3038	↗			TRIANGLE-HEADED NORTH EAST ARROW → 2197 ↗ north east arrow	
3039	↙			TRIANGLE-HEADED SOUTH WEST ARROW → 2199 ↙ south west arrow	
3040	↘			TRIANGLE-HEADED SOUTH EAST ARROW → 2198 ↘ south east arrow	

Triangle-headed arrows to bar

ID	glyph	UCS	glyph	Name	Comments
3041	⇐			LEFTWARDS TRIANGLE-HEADED ARROW TO BAR = left tab → 21E4 ⇐ leftwards arrow to bar	PS style name is 'a2'
3042	⇒			RIGHTWARDS TRIANGLE-HEADED ARROW TO BAR = right tab → 21E5 ⇒ rightwards arrow to bar	
3043	⇑			UPWARDS TRIANGLE-HEADED ARROW TO BAR = up tab → 2912 ⇑ upwards arrow to bar	
3044	⇓			DOWNWARDS TRIANGLE-HEADED ARROW TO BAR = down tab → 2913 ⇓ downwards arrow to bar	
3045	⇚			NORTH WEST TRIANGLE-HEADED ARROW TO BAR = home	
3046	⇛			SOUTH EAST TRIANGLE-HEADED ARROW TO BAR = end	

Triangle-headed arrows with double horizontal stroke

ID	glyph	UCS	glyph	Name	Comments
3047	⇕			UPWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE	PS style name is 'a2'
3048	⇓			DOWNWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE	

Simple triangle-headed arrows

ID	glyph	UCS	glyph	Name	Comments
3049	↔			LEFT RIGHT TRIANGLE-HEADED ARROW → 2194 ↔ left right arrow	PS style name is 'a2'
3050	↕			UP DOWN TRIANGLE-HEADED ARROW → 2195 ↕ up down arrow	Not exactly same, could need a new name for whole set

Triangle-headed dashed arrows

ID	glyph	UCS	glyph	Name	Comments
3051	←---			LEFTWARDS TRIANGLE-HEADED DASHED ARROW → 21E0 ← leftwards dashed arrow	
3052	---→			RIGHTWARDS TRIANGLE-HEADED DASHED ARROW → 21E2 → rightwards dashed arrow	
3053	↑---			UPWARDS TRIANGLE-HEADED DASHED ARROW → 21E1 ↑ upwards dashed arrow	
3054	↓---			DOWNWARDS TRIANGLE-HEADED DASHED ARROW → 21E3 ↓ downwards dashed arrow	

Triangle-headed zigzag arrow

ID	glyph	UCS	glyph	Name	Comments
3055	↵			DOWNWARDS TRIANGLE-HEADED ZIGZAG ARROW → 21AF ↵ downwards zigzag↵↵ arrow	PS style name is 'a2'

Triangle-headed arrows with bent tips

ID	glyph	UCS	glyph	Name	Comments
3056	↵			DOWNWARDS TRIANGLE-HEADED ARROW WITH LONG TIP LEFTWARDS → 21B2 ↵ downwards arrow with tip leftwards	PS style name is 'a2'
3057	↵			DOWNWARDS TRIANGLE-HEADED ARROW WITH LONG TIP RIGHTWARDS → 21B3 ↵ downwards arrow with tip rightwards	
3058	↶			UPWARDS TRIANGLE-HEADED ARROW WITH LONG TIP LEFTWARDS → 21B0 ↶ upwards arrow with tip leftwards	
3059	↶			UPWARDS TRIANGLE-HEADED ARROW WITH LONG TIP RIGHTWARDS → 21B1 ↶ upwards arrow with tip rightwards	
3060	↶			LEFTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP UPWARDS → 2B11 ↶ leftwards arrow with tip upwards	
3061	↶			RIGHTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP UPWARDS → 2B0F ↶ rightwards arrow with tip upwards	
3062	↶			LEFTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP DOWNWARDS → 2B10 ↶ leftwards arrow with tip downwards	
3063	↶			RIGHTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP DOWNWARDS → 2B0E ↶ rightwards arrow with tip downwards	

Keyboard symbols

ID	glyph	UCS	glyph	Name	Comments
3064	↵			RETURN LEFT → 23CE ↵ return symbol	PS style name is 'a2'
3065	↵			RETURN RIGHT	
3066	↵			NEWLINE LEFT	
3067	↵			NEWLINE RIGHT	

Paired triangle-headed arrows



ID	glyph	UCS	glyph	Name	Comments
3068	↔			LEFTWARDS TRIANGLE-HEADED ARROW OVER RIGHTWARDS TRIANGLE-HEADED ARROW → 21C6 ≡ leftwards arrow over rightwards arrow	PS style name is 'a2'
3069	↕			DOWNWARDS TRIANGLE-HEADED ARROW LEFTWARDS OF UPWARDS TRIANGLE-HEADED ARROW → 21C6 ≡ leftwards arrow over rightwards arrow	
3070	⇔			HORIZONTAL TAB KEY	
3071	⇕			VERTICAL TAB KEY	
3072	⇐			LEFTWARDS PAIRED TRIANGLE-HEADED ARROWS → 21C7 ≡ leftwards paired arrows	
3073	⇒			RIGHTWARDS PAIRED TRIANGLE-HEADED ARROWS → 21C9 ≡ rightwards paired arrows	
3074	⇑			UPWARDS PAIRED TRIANGLE-HEADED ARROWS → 21C8 ⇑ upwards paired arrows	
3075	⇓			DOWNTWARDS PAIRED TRIANGLE-HEADED ARROWS → 21CA ⇓ downwards paired arrows	

Circled triangle-headed arrows





ID	glyph	UCS	glyph	Name	Comments
3076	↶			ANTICLOCKWISE TOP SEMICIRCLE TRIANGLE-HEADED ARROW → 21B6 ↶ anticlockwise top semicircle arrow	PS style name is 'a2'
3077	↷			ANTICLOCKWISE BOTTOM SEMICIRCLE TRIANGLE-HEADED ARROW	
3078	↵			ANTICLOCKWISE LEFT SEMICIRCLE TRIANGLE-HEADED ARROW	
3079	↶			ANTICLOCKWISE RIGHT SEMICIRCLE TRIANGLE-HEADED ARROW	
3080	↻			CLOCKWISE OPEN CIRCLE TRIANGLE-HEADED ARROW → 21BB ↻ clockwise open circle arrow	
3081	↺			ANTICLOCKWISE OPEN CIRCLE TRIANGLE-HEADED ARROW → 21BA ↺ anticlockwise open circle arrow	
3082	↻			ESCAPE KEY	

Keyboard symbols





ID	glyph	UCS	glyph	Name	Comments
3083	↵	2324	↵	UP ARROWHEAD BETWEEN TWO HORIZONTAL BARS = enter key	
3084	^		^	CONTROL KEY → 2303 ^ up arrowhead	
3085	⌘	2325	⌘	OPTION KEY	
3086	␣	2423	␣	OPEN BOX * graphic for space	Graphic quite different
3087	␣			NOBREAK SPACE KEY	
3088	⇧	21EA	⇧	UPWARDS WHITE ARROW FROM BAR = caps lock * may also be a shift lock	

3089				UPWARDS WHITE ARROW FROM BAR WITH HORIZONTAL BAR → 21EC  upwards white arrow on pedestal with horizontal bar	21EC is also caps lock
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






Shaded arrows

ID	glyph	UCS	glyph	Name	Comments
3090				BOTTOM SHADED WHITE LEFTWARDS ARROW	
3091				BOTTOM SHADED WHITE RIGHTWARDS ARROW	
3092				TOP SHADED WHITE LEFTWARDS ARROW	
3093				TOP SHADED WHITE RIGHTWARDS ARROW	













White arrows

ID	glyph	UCS	glyph	Name	Comments
3094		21E6		LEFTWARDS WHITE ARROW	Arrow shorter, outline heavier
3095		21E8		RIGHTWARDS WHITE ARROW	Arrow shorter, outline heavier

Shaded arrows

ID	glyph	UCS	glyph	Name	Comments
3096				RIGHT-SHADED WHITE LEFTWARDS ARROW	
3097		27AA		LEFT-SHADED WHITE RIGHTWARDS ARROW	Glyph different
3098				BACK-TILTED SHADOWED WHITE LEFTWARDS ARROW	
3099		27AB		BACK-TILTED SHADOWED WHITE RIGHTWARDS ARROW	Glyph different
3100				FRONT-TILTED SHADOWED WHITE LEFTWARDS ARROW	
3101		27AC		FRONT-TILTED SHADOWED WHITE RIGHTWARDS ARROW	Glyph different

Simple arrows

ID	glyph	UCS	glyph	Name	Comments
3102		2190		LEFTWARDS ARROW	PS style name is 'b2'
3103		2192		RIGHTWARDS ARROW	Not exactly same, could need a new name for whole set
3104		2191		UPWARDS ARROW	
3105		2193		DOWNWARDS ARROW	
3106		2196		NORTH WEST ARROW	
3107		2197		TRIANGLE-HEADED NORTH EAST ARROW	

3108	↙	2199	↙	SOUTH WEST ARROW	
3109	↘	2198	↘	SOUTH EAST ARROW	
3110	↔	2194	↔	LEFT RIGHT ARROW	
3111	↕	2195	↕	UP DOWN ARROW	Not exactly same, could need a new name for whole set

Triangles

ID	glyph	UCS	glyph	Name	Comments
3112	▲	25B2	▲	BLACK UP-POINTING TRIANGLE	
3113	▼	25BC	▼	BLACK DOWN-POINTING TRIANGLE	
3114	△	25B3	△	WHITE UP-POINTING TRIANGLE	
3115	▽	25BD	▽	WHITE DOWN-POINTING TRIANGLE	
3116	◀	25C0	◀	BLACK LEFT-POINTING TRIANGLE	
3117	▶	25B6	▶	BLACK RIGHT-POINTING TRIANGLE	
3118	◁	25C1	◁	WHITE LEFT-POINTING TRIANGLE	
3119	▷	25B7	▷	WHITE RIGHT-POINTING TRIANGLE	
3120	▴	25E3	▴	BLACK LOWER LEFT TRIANGLE	
3121	▵	25E2	▵	BLACK LOWER RIGHT TRIANGLE	
3122	▶	25E4	▶	BLACK UPPER LEFT TRIANGLE	
3123	▷	25E5	▷	BLACK UPPER RIGHT TRIANGLE	
3124	◄			BLACK MEDIUM LEFT-POINTING TRIANGLE	See w-0051..0054
3125	►			BLACK MEDIUM RIGHT-POINTING TRIANGLE	
3126	▴			BLACK MEDIUM UP-POINTING TRIANGLE	
3128	▾			BLACK MEDIUM DOWN-POINTING TRIANGLE	

Geometric shapes centered

ID	glyph	UCS	glyph	Name	Comments
3129	▲			BLACK MEDIUM UP-POINTING TRIANGLE	See w-2190..2197
3130	▼			BLACK MEDIUM DOWN-POINTING TRIANGLE	
3131	◀			BLACK MEDIUM LEFT-POINTING TRIANGLE	
3132	▶			BLACK MEDIUM RIGHT-POINTING TRIANGLE	

Arrowheads

ID	glyph	UCS	glyph	Name	Comments
3133	◀			BLACK LEFTWARDS ARROWHEAD	
3134	▶	27A4	▶	BLACK RIGHTWARDS ARROWHEAD	Glyph different
3135	▲			BLACK UPWARDS ARROWHEAD	
3136	▼			BLACK DOWNWARDS ARROWHEAD	

Simple arrows various styles

ID	glyph	UCS	glyph	Name	Comments
3137	←			LEFTWARDS ARROW C1	PS style name is 'c1'
3138	→			RIGHTWARDS ARROW C1	
3139	↑			UPWARDS ARROW C1	
3140	↓			DOWNWARDS ARROW C1	
3141	←			LEFTWARDS ARROW C2	PS style name is 'c2'
3142	→			RIGHTWARDS ARROW C2	
3143	↑			UPWARDS ARROW C2	
3144	↓			DOWNWARDS ARROW C2	
3145	←			LEFTWARDS ARROW C3	PS style name is 'c3'
3146	→			RIGHTWARDS ARROW C3	
3147	↑			UPWARDS ARROW C3	
3148	↓			DOWNWARDS ARROW C3	
3149	↩			LEFTWARDS ARROW C4	PS style name is 'c4'
3150	↪			RIGHTWARDS ARROW C4	
3151	↗			UPWARDS ARROW C4	
3152	↘			DOWNWARDS ARROW C4	
3153	←			LEFTWARDS ARROW A1	PS style name is 'a1', see w-3033..
3154	→			RIGHTWARDS ARROW A1	
3155	↑			UPWARDS ARROW A1	
3156	↓			DOWNWARDS ARROW A1	
3157	←			LEFTWARDS ARROW A3	PS style name is 'a3'

3158	→			RIGHTWARDS ARROW A3	
3159	↑			UPWARDS ARROW A3	
3160	↓			DOWNWARDS ARROW A3	
3161	←			LEFTWARDS ARROW A4	PS style name is 'a4'
3162	➔			RIGHTWARDS ARROW A4	
3163	⬆			UPWARDS ARROW A4	
3164	⬇			DOWNWARDS ARROW A4	
3165	↩			LEFTWARDS ARROW D1	PS style name is 'd1'
3166	➡			RIGHTWARDS ARROW D1	
3167	↶			LEFTWARDS ARROW E3	PS style name is 'e3'
3168	➞			RIGHTWARDS ARROW E3	
3169	↵			LEFTWARDS ARROW F4	PS style name is 'f4'
3170	➞			RIGHTWARDS ARROW F4	
3171	↶			LEFTWARDS ARROW G5	PS style name is 'g5'

Arrow elements

ID	glyph	UCS	glyph	Name	Comments
3172	▪			ARROW ELEMENT G5 1	PS style name is 'g5', to be used in conjunction with 'g5' arrows
3173	▪			ARROW ELEMENT G5 2	2/3 width of w-3172
3174	▪			ARROW ELEMENT G5 3	1/2 width of w-3172
3175	▪			ARROW ELEMENT G5 4	1/3 width of w-3172

Simple arrows various styles

ID	glyph	UCS	glyph	Name	Comments
3176	➡			RIGHTWARDS ARROW G5	PS style name is 'g5'
3177	↩			LEFTWARDS ARROW H6	PS style name is 'h6'
3178	➞			RIGHTWARDS ARROW H6	
3179	↶			LEFTWARDS ARROW I8	PS style name is 'i8'
3180	➞			RIGHTWARDS ARROW I8	
3181	↶			LEFTWARDS ARROW J6	PS style name is 'j6'

3182	➡			RIGHTWARDS ARROW J6	
3183	⬆			UPWARDS ARROW J6	
3184	⬇			DOWNWARDS ARROW J6	

Notched simple arrows







ID	glyph	UCS	glyph	Name	Comments
3185	↩			NOTCHED LEFTWARDS ARROW	PS style name is 'k6'
3186	➞			NOTCHED RIGHTWARDS ARROW	
3187	⬆			NOTCHED UPWARDS ARROW	
3188	⬇			NOTCHED DOWNWARDS ARROW	

Simple arrows various styles























ID	glyph	UCS	glyph	Name	Comments
3189	↩			LEFTWARDS ARROW L7	PS style name is 'l7'
3190	➡			RIGHTWARDS ARROW L7	
3191	⬆			UPWARDS ARROW L7	
3192	⬇			DOWNWARDS ARROW L7	
3193	↩			LEFTWARDS ARROW M9	PS style name is 'm9'
3194	➡		➡	RIGHTWARDS ARROW M9 → 27A7 ↗ squat black rightwards arrow	Different size
3195	⬆			UPWARDS ARROW M9	
3196	⬇			DOWNWARDS ARROW M9	
3197	↩			LEFTWARDS ARROW N7	PS style name is 'n7'
3198	➡			RIGHTWARDS ARROW N7	
3199	⬆			UPWARDS ARROW N7	
3200	⬇			DOWNWARDS ARROW N7	



Curved arrows

ID	glyph	UCS	glyph	Name	Comments
3201	↩			HEAVY BLACK CURVED DOWNWARDS AND LEFTWARDS ARROW	
3202	➞	27A5	➞	HEAVY BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW	Glyph is different
3203	↩			HEAVY BLACK CURVED UPWARDS AND LEFTWARDS ARROW	

3204		27A6		HEAVY BLACK CURVED UPWARDS AND RIGHTWARDS ARROW	Glyph is different
3205				HEAVY BLACK CURVED LEFTWARDS AND UPWARDS ARROW	
3206				HEAVY BLACK CURVED RIGHTWARDS AND UPWARDS ARROW	
3207				HEAVY BLACK CURVED LEFTWARDS AND DOWNWARDS ARROW	
3208				HEAVY BLACK CURVED RIGHTWARDS AND DOWNWARDS ARROW	

Wide-headed simple arrows various styles

ID	glyph	UCS	glyph	Name	Comments
3209				WIDE-HEADED LEFTWARDS ARROW 1	PS style name is 'barb1'
3210				WIDE-HEADED RIGHTWARDS ARROW 1	
3211				WIDE-HEADED UPWARDS ARROW 1	
3212				WIDE-HEADED DOWNWARDS ARROW 1	
3213				WIDE-HEADED NORTH WEST ARROW 1	
3214				WIDE-HEADED NORTH EAST ARROW 1	
3215				WIDE-HEADED SOUTH WEST ARROW 1	
3216				WIDE-HEADED SOUTH EAST ARROW 1	
3217				WIDE-HEADED LEFTWARDS ARROW 3	PS style name is 'barb1'
3218				WIDE-HEADED RIGHTWARDS ARROW 3	
3219				WIDE-HEADED UPWARDS ARROW 3	
3220				WIDE-HEADED DOWNWARDS ARROW 3	
3221				WIDE-HEADED NORTH WEST ARROW 3	
3222				WIDE-HEADED NORTH EAST ARROW 3	
3223				WIDE-HEADED SOUTH WEST ARROW 3	
3224				WIDE-HEADED SOUTH EAST ARROW 3	
3225				WIDE-HEADED LEFTWARDS ARROW 5	PS style name is 'barb5'
3226				WIDE-HEADED RIGHTWARDS ARROW 5	
3227				WIDE-HEADED UPWARDS ARROW 5	
3228				WIDE-HEADED DOWNWARDS ARROW 5	
3229				WIDE-HEADED NORTH WEST ARROW 5	
3230				WIDE-HEADED NORTH EAST ARROW 5	

3231				WIDE-HEADED SOUTH WEST ARROW 5	
3232				WIDE-HEADED SOUTH EAST ARROW 5	

Arrowheads

ID	glyph	UCS	glyph	Name	Comments
3233	◀			DRAW LEFT	Names from PS names
3234	▶			DRAW RIGHT	
3235	⬆			DRAW UP	
3236	⬇			DRAW DOWN	
3237	◀◀			DRAW DOUBLE LEFT	
3238	▶▶			DRAW DOUBLE RIGHT	
3239	⬆⬆			DRAW DOUBLE UP	
3240	⬇⬇			DRAW DOUBLE DOWN	