BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
094O026

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers
0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS / Ownership
Base Map Source: TRIM / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information portrayed may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Siviculture Opening in Vegetation
- Permanent Sample Plot (GYS)
- Research Installations

TRIM, Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- HydroNavBarriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (< 1,000,000 ha - 15 % hatch)
- Municipal boundary (> 1,000,000 ha) - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

○12
123/L
Fd(Hw)
211-20
he,sl
GL78

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
ex: the most important layer is described as Fd (Dougls Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opeing Number

○12 - opening number valid for BCGS mapsheet   blank - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
/L - Multi-layered stand (a separate description of each layer is availiable in the data base, i.e. 1,2)

Line 3 - BC Tree Code List

Species Compsition: Species are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dataed January 2009.

NATIVE CONIFERS

Code	Species
C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hydrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Seaside Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Pxj	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Plc	Shore Pine (coast)
Pw	Western White Pine
Pa	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxw	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

Code	Species
D	ALDER
Dr	Red Alder
U	APPLE
Up	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Acb	Balsam Poplar
Act	Black Cottonwood
Ax	hybrid Poplars
At	Trembling Aspen
R	ARBUTUS
Ra	Arbutus
E	BIRCH
Ea	Alaska Paper Birch
Exp	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	CASCARA
Kc	Cascara
V	CHERRY
Vb	Bitter Cherry
Vv	Choke Cherry
Vp	Pin Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wa	Peachleaf Willow (Barclay's)
Wd	Pussy Willow (gray-leaved)
Ws	Scouler's Willow
Wt	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

Code	Species
X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

Code	Species
	APPLE
Ua	Apple
	ASPEN, COTTONWOOD or POPLAR
Ad	*Southern Cottonwood
	BIRCH
Ee	European Birch
Es	Silver Birch (swamp)
Ey	*Yellow Birch
	CHERRY
Vs	Sweet Cherry
	CYPRESS
Yp	*Port Orford Cedar
	FIR (Balsam)
Bb	*Balsam Fir
Bp	Noble Fir
Bm	*Shasta Red Fir
Bc	*White Fir
	LARCH
Ld	*Dahurian Larch
Ls	*Siberian Larch
	MAPLE
Me	Box Elder
Mn	*Norway Maple
Ms	*Sycamore Maple
	OAK
Qe	*English Oak
Qw	*White Oak
	OTHER EXOTICS
Oa	*Incense Cedar
Ob	*Giant Sequoia
Oc	*Coast Redwood
Od	European Mountain Ash
Oe	Siberian Elm (southern)
Of	Common Pear
Og	Oregon Ash
Oh	*White Ash
Oi	*Shagbark Hickory
Oj	Tree-of-heaven
Ok	Japanese Walnut
	PINE
Pm	*Monterey Pine
Pr	*Red Pine
Ps	*Sugar Pine
	SPRUCE
Sn	*Norway Spruce

Line 4

4a AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-60
4	61-80
5	81-100
6	101-120
7	121-140
8	141-250
9	251 +

4b HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 28.4
4	28.5 - 37.4
5	37.5 - 46.4
6	46.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
0	0 - 5
1	6 - 15
2	16 - 25
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
7	66 - 75
8	76 - 85
9	86 - 100

4d SITE INDEX

All SI are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, estimated SI is shown after, or replaces the SI.

4e ESTIMATED SITE INDEX

SI is estimated when suitable SI trees arenot present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes it. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I records)

NON-TREED SHRUB
- st SHRUB TALL - shrub with average shrub height > or = to two metres.
- sl SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- he HERB - herb with no distinction between forbs and graminoids.
- hf HERB - FORBS - herb with forbs > 50% of the herb cover.
- hg HERB - GRAMINOIDS - herb with gaminoids > 50% of the herb cover.

NON-TREED BRYOID
- by BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED
- el Exposed Land
- ro Rock / Rubble
- si Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records)

ap AIRPORT	gp GRAVEL PIT	mu MUDFLAT SEDIMENT	rm RESERVOIR MARGIN
be BEACH	la LAKE	mz RUBBLY MINE SPOILS	rm RAILWAY SURFACE
bl BLOCKFIELD	lb LAVA BED	oc OCEAN	rs RIVER SEDIMENTS
br BEDROCK	ll LANDING	ot OTHER	rz ROAD SURFACE
bu BURNED AREA	ls POND or LAKE SEDIMENTS	pn SNOW COVER	ta TALUS
cb CUTBANK	mi OPEN PIT MINE	re RESERVOIR	tz TAILINGS
es EXPOSED SOILS	mn MORAINE	ri RIVER / STREAM	ur URBAN
gl GLACIER			

Note: Water categories (la, oc, re, ri) not labelled over 90 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F records)

A ALPINE	NP NON PRODUCTIVE	SAND SAND
AF ALPINE FOREST /Species	NPBR NON PRODUCTIVE BRUSH	TIDE TIDAL FLAT
C CULTIVATED	NPBU NON PRODUCTIVE BURN	U URBAN
CL CLAY BANK	NPF NON PRODUCTIVE FOREST /Species	
G GRAVEL BAR	NTA NO TYPING AVAILABLE	NC NON COMMERCIAL
GR GRAVEL PIT	OR OPEN RANGE	NCBR NON COMERCIAL BRUSH
ICE ICEFIELD	P HAYFIELD	NP NON PRODUCTIVE
M MEADOW	R ROCK	NSR NOT SUFFICIENTLY RESTOCKED
MUD MUD FLAT	S SWAMP	NTA NO TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

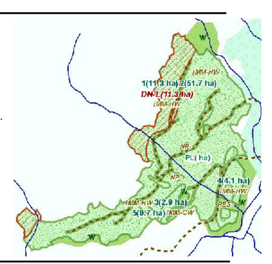
A Animal Damage	L Logging	R Site Rehabilitation
B Wildfire	M Mite Damage	T Treatment Injuries
C Cone and Seed Insects	N Non-Biological Injuries	U Damage Unknown
D Diseases	P Cone and Seedling Fungal Pathogens	V Problem Vegetation
I Insects		

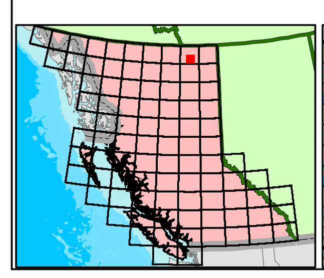
Example Opening History Details

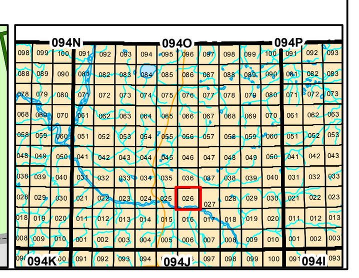
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

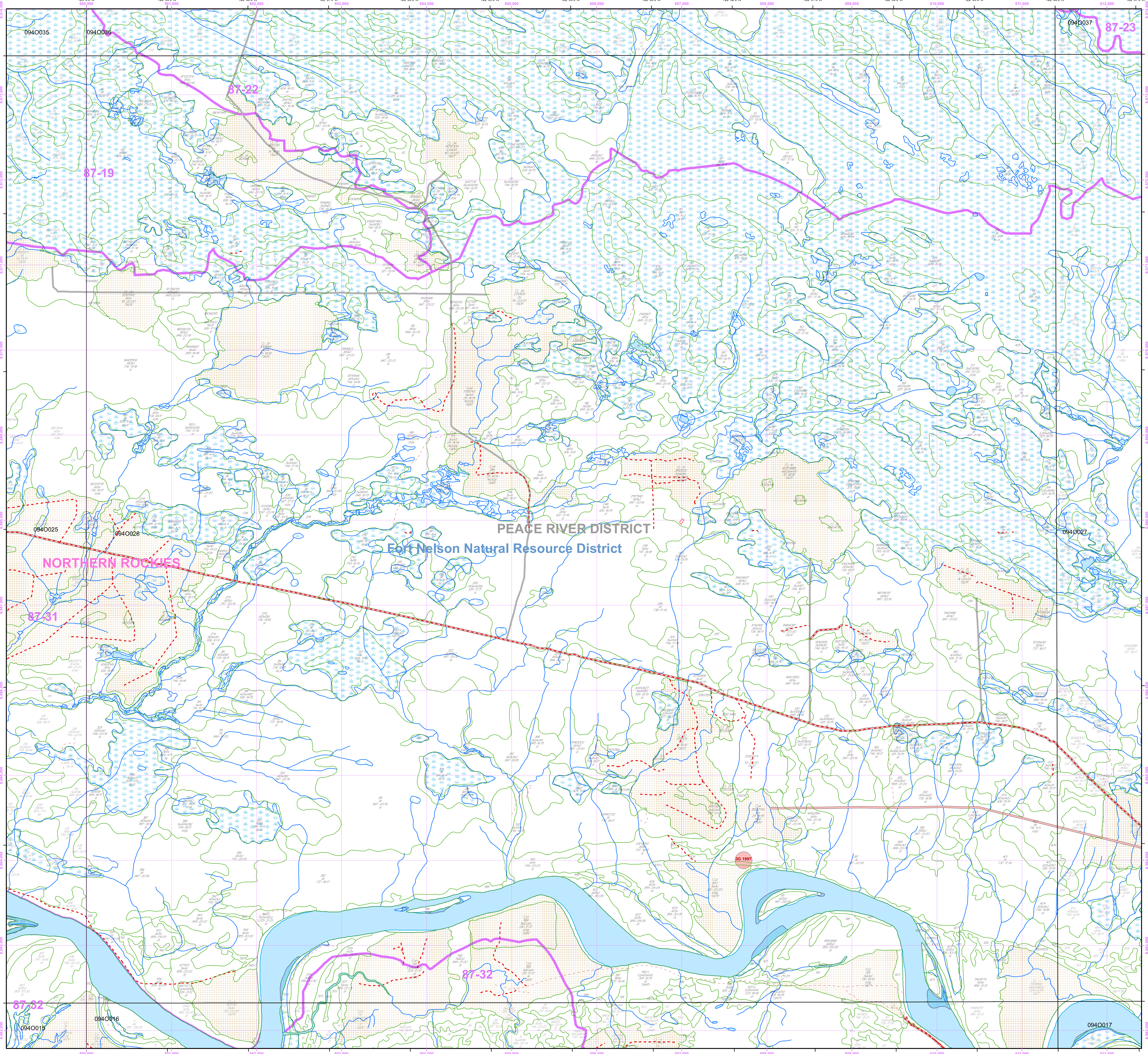
The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

- OPENING
- OPENING LABELS
- OPENING - PLANTING ACTIVITY
- ACTIVITY TREATMENT UNIT
- STANDARDS UNIT
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH









Overflow Labels

2 Sb 713-4/4 by,sl	239 AtSw 847-20/19 sl	579 SwAc 846-22/21	639 Ac 457-34/33	○ 16 42424797 AtSwAct 635-0/16
5 E(AtSw) 328-13/12	243 E(Sb) 324-16/15 st	585 SwAcAt 645-23/22 st	640 Ac 540-26/26 st	47903950 SwAc(AtSbE) 745-16/15 st
12 Sb 615-4/4 by,sl	251 Sw 531-18/17 st,he	586 Ac 235-26/26 rs,sl	641 Ac 857-28/28	49972008 Ac 226-23/23 st
17 Sw(AtSb) 425-17/16 sl	276 SbSw 826-5/5 by	588 SbSw 736-18/16 sl	642 SwEp(AtAc) 436-23/22 st	53634563 AtAc 742-19/18 st
23 AtSb(SwE) 526-14/13 sl	284 At 841-20/19 la,sl,he	589 AcAtSw 746-19/20 st	643 SwSb 746-16/15 st	54501886 AcSw 640-23/23 st
28 Sb(Lt) 814-4/3 sl,by	287 Ac(SwAt) 636-13/14 sl	591 SwSb 746-16/15 st	645 AcEpAt) 336-24/24 st	54513716 AtSwAcEp) 225-25/25 GL82
45 AtSw 325-17/16 st	299 AtAc 842-20/19 st	593/L AtSw 642-22/22 st	648 SwAtEp 646-18/17 st	56994418 EAt(SwSb) 323-17/16 st
60 Sw(At) 631-15/15 st	302 Sw 831-8/7 st,rl,he	594 SwAtEp) 646-22/21 st	○ 21 6071148 AtSw(Act) 632-0/19	58261909 AtAcEpSw) 746-23/23 st
61 At(Sw) 846-20/19 sl	303 AtAcSw 745-19/18 st	595 EpSw(At) 536-15/15 st	5496915 At(Sw) 846-20/19 sl	90446183 At 637-18/17 st
62 Sb 814-4/3 by,sl	307/L he,st,la	596 SwSb 745-17/16 st	7496044/L AtSw(Ac) 844-21/20 st	90786119 SwAt 845-18/18 sl
63 At 846-20/19 sl	311 Sw 831-8/7 la,he,sl	597 AtAcEpSw) 328-18/18 GN75	7656984 At(Sw) 846-20/19 sl	○ 27 91383917 AtSx 748-0/20
67 SbSw 827-7/6 by	312 Sw(AtSb) 746-17/16 sl	598 EpSwAt 535-18/17 st	10306850 At(Sw) 846-20/19 sl	93286378 At(Sw) 846-20/19 sl
74 At(Sw) 437-17/16 st	317 Sw(Ac) 532-17/16 he,la,sl	601 AcSw 840-23/24 st	10966628 AtSw 847-23/22 st	○ 27 94013927 AtSx 748-0/20
81 Sw(At) 435-19/18 st	345 Sb(Sw) 826-7/6 by	605/L AcSwAtEp 225-21/21 st	20835804 Sb 614-5/4 by,sl	94574557 AtSw(Ac) 735-18/17 sl
82 EAt 334-27/27 st	346 SbSw 824-7/6 by,sl	607 AcSw 840-23/24 st	21065961 Sb 614-6/5 by,sl	○ 27 96683947 AtSx 748-0/20
86 AtSw 745-20/19 st	353 Sb 814-4/4 by,sl	608 Sw(AtEp) 846-16/15 st	22546237 Sb 713-5/5 by,sl	99047445 At(Sw) 747-19/18 sl
98 ESb(SwAt) 321-15/14 st,by	363 AcSw(At) 742-16/17 st,by	609 SwAt(Ep) 431-22/22 sl,bg	○ 26 23815954 AtSx 743-0/22	99066065 At(Ac) 847-21/20 sl
119 At 437-17/16	384 AtSw 736-19/18 st	610 Ac 236-26/26 sl	24905877 AtSw 847-22/21 sl	
121 At 437-17/16	385 Sw 631-16/15 st,by	612 AcSwEp) 236-26/26 st	28253180 Sw 846-16/15 st,he	
124 At(SwE) 437-17/16	405 At 437-18/17	614 EpSw(At) 736-17/16 st	29212843 SwAt 637-17/16 st	
126 At 437-17/16	409 At(Ac) 844-20/19 st	616 SwAc 843-22/21 st	○ 20 31223132 SwEpAt) 842-0/13	
127 At 437-17/16	552 Ac(Sw) 855-30/30 st	618 SwAc 856-23/22 st	32445320 At(Sw) 847-20/19 sl	
153 Sw 634-16/15 st	○ 1 553 Sw 210-16/16 sl,bg GL78	621 Ac(Sw) 657-28/28	33903554 AtSw 747-0/19	
159 Sb 612-4/4 by,sl	554 Ac(SwEp) 327-17/17 st	622 Ac 335-26/24 st	34704921 At(Sw) 737-17/16 sl	
171 At 437-18/17	560 AcSw 840-23/23 st	623 AcEpAt) 336-26/24 st	○ 20 35703339 SwEpAt) 842-0/13	
177 EAtSw(Sb) 323-16/15 st,he	561 AcSw 840-23/23 st	624 Ac 226-23/23 st	35873449 Sw 846-15/14 he,sl	
178 SwAt(Ac) 733-16/15 st	565 AcSw 840-23/23 st	625 AcEpAt) 336-26/24 st	○ 20 35972935 SwEpAt) 842-0/13	
181 la,sl,he	566/L AcSwAtEp 225-21/21 st	627 Sw(Ac) 855-23/22 st	37142911 Sw(AcAt) 747-19/22	
190 Sw 538-15/15	569 AcSw 840-23/23 st	628 Ac 235-26/26 sl,g	37774809 At(Sw) 737-17/16 sl	
194 Sw 531-17/16 st	572 Ac(Sw) 327-17/17	635 AcSw 650-27/27 st	○ 16 37925045 AtSwAct 635-0/16	
208 At(SwE) 325-19/18 st,he	573 Ac(Sw) 457-32/32	636 SwAcEpAt) 745-22/22 st	37985241 AtSw 736-17/16 st	
211 At(Sw) 427-16/15	575 SwAc 846-21/20	637 Ep(AtSw) 636-17/16 st	○ 16 40234949 AtSwAct 635-0/16	
234 SwSb 736-14/13 st,by	576 AcSw 855-28/28 st	638 SwAtAc 744-18/17 st	40384565 SwSbAt 633-14/13 st	