

**Cycle of Priestly Courses from Calendrical Documents 4Q320 and 4Q321  
Course Year 1 of 6**

Year	Week	Course	Start		End		Appointed Times/Feasts	Moon Phases
			Month	Day	Month	Day		
1	1	<b>Gamul</b>	12	28	1	3		1: Full Moon
	2	Delaiah	1	4	1	10		
	3	Maaziah	1	11	1	17	<b>14: Passover</b>	17: New Moon
	4	Jehoiarib	1	18	1	24		
	5	<b>Jedaiah</b>	1	25	2	1	<b>26: Waving of the Sheaf</b>	30: Full Moon
	6	Harim	2	2	2	8		
	7	Seorim	2	9	2	15	<b>14: Second Passover</b>	
	8	Malchijah	2	16	2	22		17: New Moon
	9	Mijamin	2	23	2	29		
	10	<b>Hakkoz</b>	2	30	3	6		30: Full Moon
	11	Abijah	3	7	3	13		
	12	Jeshua	3	14	3	20	<b>15: Feast of Weeks</b>	16: New Moon
	13	Shecaniah	3	21	3	27		
	14	<b>Eliashib</b>	3	28	4	3		29: Full Moon
	15	Jakim	4	4	4	10		
	16	Huppah	4	11	4	17		15: New Moon
	17	Jeshebeab	4	18	4	24		
	18	<b>Bilgah</b>	4	25	5	1		28: Full Moon
	19	Immer	5	2	5	8	<b>3: Feast of New Wine</b>	
	20	Hezir	5	9	5	15		14: New Moon
	21	Happizzez	5	16	5	22		
	22	Pethahiah	5	23	5	29		27: Full Moon
	23	<b>Jehezkel</b>	5	30	6	6		
	24	Jachin	6	7	6	13		
	25	Gamul	6	14	6	20		14: New Moon
	26	Delaiah	6	21	6	27	<b>22: Feast of New Oil</b>	27: Full Moon
	27	<b>Maaziah</b>	6	28	7	3	<b>29: Feast of Offering of Wood</b>	
							<b>1: Day of Memorial</b>	
	28	Jehoiarib	7	4	7	10	<b>10: Day of Atonement</b>	
	29	Jedaiah	7	11	7	17	<b>15: Feast of Tabernacles</b>	12: New Moon
	30	Harim	7	18	7	24		
	31	<b>Seorim</b>	7	25	8	1		25: Full Moon
	32	Malchijah	8	2	8	8		
	33	Mijamin	8	9	8	15		12: New Moon
	34	Hakkoz	8	16	8	22		
	35	Abijah	8	23	8	29		25: Full Moon
	36	<b>Jeshua</b>	8	30	9	6		
	37	Shecaniah	9	7	9	13		11: New Moon
	38	Eliashib	9	14	9	20		
	39	Jakim	9	21	9	27		24: Full Moon
	40	<b>Huppah</b>	9	28	10	3		
	41	Jeshebeab	10	4	10	10		10: New Moon
	42	Bilgah	10	11	10	17		
	43	Immer	10	18	10	24		23: Full Moon
	44	<b>Hezir</b>	10	25	11	1		
	45	Happizzez	11	2	11	8		
	46	Pethahiah	11	9	11	15		9: New Moon
	47	Jehezkel	11	16	11	22		22: Full Moon
	48	Jachin	11	23	11	29		
	49	<b>Gamul</b>	11	30	12	6		
	50	Delaiah	12	7	12	13		9: New Moon
	51	Maaziah	12	14	12	20		
	52	Jehoiarib	12	21	12	27		22: Full Moon

**Notes:**

- The primary text utilized in determining the calendar and courses was *The Complete Dead Sea Scrolls* in English by Geza Vermes (ISBN 0-14-027807-9).
- Each course commences on the Sabbath so that there is no interruption of service; this is corroborated by 4Q322, 4Q323, and 4Q324.
- Missing information regarding full and new moon phases were extrapolated where applicable.
- 4Q325 and 4Q327 introduce three additional feasts: Feast of New Wine, Feast/Festival of New Oil, and Feast of the Offering of Wood. These were observed on the third day of the fifth month, the 22nd day of the sixth month, and the 29th day of the sixth month, respectively.
- The Levitical/Aaronic priesthood was instituted on the first Sabbath after the original Passover in Egypt (i.e., 18 Abib). According to 1 Chronicles 24:7-18, Jehoiarib would have been the first course to commence the six-year priestly cycle; this coincides with the empirical evidence highlighted above. The 22nd course of Gamul is in progress on 1 Abib in the first year of this cycle because it is actually nearing the end of the six-year cycle (or can be back-calculated from the first course of Jehoiarib on 18 Abib).

## Cycle of Priestly Courses from Calendrical Documents 4Q320 and 4Q321 Course Year 2 of 6

Year	Week	Course	Start		End		Appointed Times/Feasts	Moon Phases
			Month	Day	Month	Day		
2	1	<b>Jedaiah</b>	12	28	1	3		
	2	Harim	1	4	1	10		7: New Moon
	3	Seorim	1	11	1	17	<b>14: Passover</b>	
	4	Malchijah	1	18	1	24		20: Full Moon
	5	<b>Mijamin</b>	1	25	2	1	<b>26: Waving of the Sheaf</b>	
	6	Hakkoz	2	2	2	8		7: New Moon
	7	Abijah	2	9	2	15	<b>14: Second Passover</b>	
	8	Jeshua	2	16	2	22		20: Full Moon
	9	Shecaniah	2	23	2	29		
	10	<b>Eliashib</b>	2	30	3	6		6: New Moon
	11	Jakim	3	7	3	13		
	12	Huppah	3	14	3	20	<b>15: Feast of Weeks</b>	19: Full Moon
	13	Jeshebeab	3	21	3	27		
	14	<b>Bilgah</b>	3	28	4	3		
	15	Immer	4	4	4	10		5: New Moon
	16	Hezir	4	11	4	17		
	17	Happizzez	4	18	4	24		18: Full Moon
	18	<b>Pethahiah</b>	4	25	5	1		
	19	Jehezkel	5	2	5	8	<b>3: Feast of New Wine</b>	4: New Moon
	20	Jachin	5	9	5	15		
	21	Gamul	5	16	5	22		17: Full Moon
	22	Delaiah	5	23	5	29		
	23	<b>Maaziah</b>	5	30	6	6		4: New Moon
	24	Jehoiarib	6	7	6	13		
	25	Jedaiah	6	14	6	20		17: Full Moon
	26	Harim	6	21	6	27	<b>22: Feast of New Oil</b>	
	27	<b>Seorim</b>	6	28	7	3	<b>29: Feast of Offering of Wood</b>	2: New Moon
							<b>1: Day of Memorial</b>	
	28	Malchijah	7	4	7	10	<b>10: Day of Atonement</b>	
	29	Mijamin	7	11	7	17	<b>15: Feast of Tabernacles</b>	15: Full Moon
	30	Hakkoz	7	18	7	24		
	31	<b>Abijah</b>	7	25	8	1		
	32	Jeshua	8	2	8	8		2: New Moon
	33	Shecaniah	8	9	8	15		15: Full Moon
	34	Eliashib	8	16	8	22		
	35	Jakim	8	23	8	29		
	36	<b>Huppah</b>	8	30	9	6		1: New Moon
	37	Jeshebeab	9	7	9	13		
	38	Bilgah	9	14	9	20		14: Full Moon
	39	Immer	9	21	9	27		
	40	<b>Hezir</b>	9	28	10	3		
	41	Happizzez	10	4	10	10		
	42	Pethahiah	10	11	10	17		13: Full Moon
	43	Jehezkel	10	18	10	24		
	44	<b>Jachin</b>	10	25	11	1		29: New Moon
	45	Gamul	11	2	11	8		
	46	Delaiah	11	9	11	15		12: Full Moon
	47	Maaziah	11	16	11	22		
	48	Jehoiarib	11	23	11	29		29: New Moon
	49	<b>Jedaiah</b>	11	30	12	6		
	50	Harim	12	7	12	13		12: Full Moon
	51	Seorim	12	14	12	20		
	52	Malchijah	12	21	12	27		

**Cycle of Priestly Courses from Calendrical Documents 4Q320 and 4Q321**  
**Course Year 3 of 6**

Year	Week	Course	Start		End		Appointed Times/Feasts	Moon Phases
			Month	Day	Month	Day		
3	1	<b>Mijamin</b>	12	28	1	3		28: New Moon
	2	Hakkoz	1	4	1	10		10: Full Moon
	3	Abijah	1	11	1	17	<b>14: Passover</b>	
	4	Jeshua	1	18	1	24		
	5	<b>Shecaniah</b>	1	25	2	1	<b>26: Waving of the Sheaf</b>	27: New Moon
	6	Eliashib	2	2	2	8		
	7	Jakim	2	9	2	15	<b>14: Second Passover</b>	10: Full Moon
	8	Huppah	2	16	2	22		
	9	Jeshebeab	2	23	2	29		26: New Moon
	10	<b>Bilgah</b>	2	30	3	6		
	11	Immer	3	7	3	13		9: Full Moon
	12	Hezir	3	14	3	20	<b>15: Feast of Weeks</b>	
	13	Happizzez	3	21	3	27		26: New Moon
	14	<b>Pethahiah</b>	3	28	4	3		
	15	Jehezkel	4	4	4	10		8: Full Moon
	16	Jachin	4	11	4	17		
	17	Gamul	4	18	4	24		24: New Moon
	18	<b>Delaiah</b>	4	25	5	1		
	19	Maaziah	5	2	5	8	<b>3: Feast of New Wine</b>	7: Full Moon
	20	Jehoiarib	5	9	5	15		
	21	Jedaiah	5	16	5	22		
	22	Harim	5	23	5	29		24: New Moon
	23	<b>Seorim</b>	5	30	6	6		
	24	Malchijah	6	7	6	13		7: Full Moon
	25	Mijamin	6	14	6	20		
	26	Hakkoz	6	21	6	27	<b>22: Feast of New Oil</b>	23: New Moon
	27	<b>Abijah</b>	6	28	7	3	<b>29: Feast of Offering of Wood</b>	
						<b>1: Day of Memorial</b>		
	28	Jeshua	7	4	7	10	<b>10: Day of Atonement</b>	5: Full Moon
	29	Shecaniah	7	11	7	17	<b>15: Feast of Tabernacles</b>	
	30	Eliashib	7	18	7	24		22: New Moon
	31	<b>Jakim</b>	7	25	8	1		
	32	Huppah	8	2	8	8		5: Full Moon
	33	Jeshebeab	8	9	8	15		
	34	Bilgah	8	16	8	22		21: New Moon
	35	Immer	8	23	8	29		
	36	<b>Hezir</b>	8	30	9	6		4: Full Moon
	37	Happizzez	9	7	9	13		
	38	Pethahiah	9	14	9	20		
	39	Jehezkel	9	21	9	27		21: New Moon
	40	<b>Jachin</b>	9	28	10	3		3: Full Moon
	41	Gamul	10	4	10	10		
	42	Delaiah	10	11	10	17		
	43	Maaziah	10	18	10	24		19: New Moon
	44	<b>Jehoiarib</b>	10	25	11	1		
	45	Jedaiah	11	2	11	8		2: Full Moon
	46	Harim	11	9	11	15		
	47	Seorim	11	16	11	22		19: New Moon
	48	Malchijah	11	23	11	29		
	49	<b>Mijamin</b>	11	30	12	6		2: Full Moon
	50	Hakkoz	12	7	12	13		
	51	Abijah	12	14	12	20		18: New Moon
	52	Jeshua	12	21	12	27		

## Cycle of Priestly Courses from Calendrical Documents 4Q320 and 4Q321 Course Year 4 of 6

Year	Week	Course	Start		End		Appointed Times/Feasts	Moon Phases
			Month	Day	Month	Day		
4	1	<b>Shecaniah</b>	12	28	1	3		1: Full Moon
	2	Eliashib	1	4	1	10		
	3	Jakim	1	11	1	17	<b>14: Passover</b>	17: New Moon
	4	Huppah	1	18	1	24		
	5	<b>Jeshebeab</b>	1	25	2	1	<b>26: Waving of the Sheaf</b>	30: Full Moon
	6	Bilgah	2	2	2	8		
	7	Immer	2	9	2	15	<b>14: Second Passover</b>	
	8	Hezir	2	16	2	22		17: New Moon
	9	Happizzez	2	23	2	29		
	10	<b>Pethahiah</b>	2	30	3	6		30: Full Moon
	11	Jehezkel	3	7	3	13		
	12	Jachin	3	14	3	20	<b>15: Feast of Weeks</b>	16: New Moon
	13	Gamul	3	21	3	27		
	14	<b>Delaiah</b>	3	28	4	3		29: Full Moon
	15	Maaziah	4	4	4	10		
	16	Jehoiarib	4	11	4	17		15: New Moon
	17	Jedaiah	4	18	4	24		
	18	<b>Harim</b>	4	25	5	1		28: Full Moon
	19	Seorim	5	2	5	8	<b>3: Feast of New Wine</b>	
	20	Malchijah	5	9	5	15		14: New Moon
	21	Mijamin	5	16	5	22		
	22	Hakkoz	5	23	5	29		27: Full Moon
	23	<b>Abijah</b>	5	30	6	6		
	24	Jeshua	6	7	6	13		
	25	Shecaniah	6	14	6	20		14: New Moon
	26	Eliashib	6	21	6	27	<b>22: Feast of New Oil</b>	27: Full Moon
	27	<b>Jakim</b>	6	28	7	3	<b>29: Feast of Offering of Wood</b>	
	28	Huppah	7	4	7	10	<b>1: Day of Memorial</b>	
	29	Jeshebeab	7	11	7	17	<b>10: Day of Atonement</b>	
	30	Bilgah	7	18	7	24	<b>15: Feast of Tabernacles</b>	12: New Moon
	31	<b>Immer</b>	7	25	8	1		25: Full Moon
	32	Hezir	8	2	8	8		
	33	Happizzez	8	9	8	15		12: New Moon
	34	Pethahiah	8	16	8	22		
	35	Jehezkel	8	23	8	29		25: Full Moon
	36	<b>Jachin</b>	8	30	9	6		
	37	Gamul	9	7	9	13		11: New Moon
	38	Delaiah	9	14	9	20		
	39	Maaziah	9	21	9	27		24: Full Moon
	40	<b>Jehoiarib</b>	9	28	10	3		
	41	Jedaiah	10	4	10	10		10: New Moon
	42	Harim	10	11	10	17		
	43	Seorim	10	18	10	24		23: Full Moon
	44	<b>Malchijah</b>	10	25	11	1		
	45	Mijamin	11	2	11	8		
	46	Hakkoz	11	9	11	15		9: New Moon
	47	Abijah	11	16	11	22		22: Full Moon
	48	Jeshua	11	23	11	29		
	49	<b>Shecaniah</b>	11	30	12	6		
	50	Eliashib	12	7	12	13		9: New Moon
	51	Jakim	12	14	12	20		
	52	Huppah	12	21	12	27		22: Full Moon

## Cycle of Priestly Courses from Calendrical Documents 4Q320 and 4Q321 Course Year 5 of 6

Year	Week	Course	Start		End		Appointed Times/Feasts	Moon Phases
			Month	Day	Month	Day		
5	1	<b>Jeshebeab</b>	12	28	1	3		
	2	Bilgah	1	4	1	10		7: New Moon
	3	Immer	1	11	1	17	<b>14: Passover</b>	
	4	Hezir	1	18	1	24		20: Full Moon
	5	<b>Happizzez</b>	1	25	2	1	<b>26: Waving of the Sheaf</b>	
	6	Pethahiah	2	2	2	8		7: New Moon
	7	Jehezkel	2	9	2	15	<b>14: Second Passover</b>	
	8	Jachin	2	16	2	22		20: Full Moon
	9	Gamul	2	23	2	29		
	10	<b>Delaiah</b>	2	30	3	6		6: New Moon
	11	Maaziah	3	7	3	13		
	12	Jehoiarib	3	14	3	20	<b>15: Feast of Weeks</b>	19: Full Moon
	13	Jedaiah	3	21	3	27		
	14	<b>Harim</b>	3	28	4	3		
	15	Seorim	4	4	4	10		5: New Moon
	16	Malchijah	4	11	4	17		
	17	Mijamin	4	18	4	24		18: Full Moon
	18	<b>Hakkoz</b>	4	25	5	1		
	19	Abijah	5	2	5	8	<b>3: Feast of New Wine</b>	4: New Moon
	20	Jeshua	5	9	5	15		
	21	Shecaniah	5	16	5	22		17: Full Moon
	22	Eliashib	5	23	5	29		
	23	<b>Jakim</b>	5	30	6	6		4: New Moon
	24	Huppah	6	7	6	13		
	25	Jeshebeab	6	14	6	20		17: Full Moon
	26	Bilgah	6	21	6	27	<b>22: Feast of New Oil</b>	
	27	<b>Immer</b>	6	28	7	3	<b>29: Feast of Offering of Wood</b>	2: New Moon
							<b>1: Day of Memorial</b>	
	28	Hezir	7	4	7	10	<b>10: Day of Atonement</b>	
	29	Happizzez	7	11	7	17	<b>15: Feast of Tabernacles</b>	15: Full Moon
	30	Pethahiah	7	18	7	24		
	31	<b>Jehezkel</b>	7	25	8	1		
	32	Jachin	8	2	8	8		2: New Moon
	33	Gamul	8	9	8	15		15: Full Moon
	34	Delaiah	8	16	8	22		
	35	Maaziah	8	23	8	29		
	36	<b>Jehoiarib</b>	8	30	9	6		1: New Moon
	37	Jedaiah	9	7	9	13		
	38	Harim	9	14	9	20		14: Full Moon
	39	Seorim	9	21	9	27		
	40	<b>Malchijah</b>	9	28	10	3		
	41	Mijamin	10	4	10	10		
	42	Hakkoz	10	11	10	17		13: Full Moon
	43	Abijah	10	18	10	24		
	44	<b>Jeshua</b>	10	25	11	1		29: New Moon
	45	Shecaniah	11	2	11	8		
	46	Eliashib	11	9	11	15		12: Full Moon
	47	Jakim	11	16	11	22		
	48	Huppah	11	23	11	29		29: New Moon
	49	<b>Jeshebeab</b>	11	30	12	6		
	50	Bilgah	12	7	12	13		12: Full Moon
	51	Immer	12	14	12	20		
	52	Hezir	12	21	12	27		

## Cycle of Priestly Courses from Calendrical Documents 4Q320 and 4Q321 Course Year 6 of 6

Year	Week	Course	Start		End		Appointed Times/Feasts	Moon Phases
			Month	Day	Month	Day		
6	1	<b>Happizzez</b>	12	28	1	3		28: New Moon
	2	Pethahiah	1	4	1	10		10: Full Moon
	3	Jehezkel	1	11	1	17	14: Passover	
	4	Jachin	1	18	1	24		
	5	<b>Gamul</b>	1	25	2	1	26: Waving of the Sheaf	27: New Moon
	6	Delaiah	2	2	2	8		
	7	Maaziah	2	9	2	15	14: Second Passover	10: Full Moon
	8	Jehoiarib	2	16	2	22		
	9	Jedaiah	2	23	2	29		26: New Moon
	10	<b>Harim</b>	2	30	3	6		
	11	Seorim	3	7	3	13		9: Full Moon
	12	Malchijah	3	14	3	20	15: Feast of Weeks	
	13	Mijamin	3	21	3	27		26: New Moon
	14	<b>Hakkoz</b>	3	28	4	3		
	15	Abijah	4	4	4	10		8: Full Moon
	16	Jeshua	4	11	4	17		
	17	Shecaniah	4	18	4	24		24: New Moon
	18	<b>Eliashib</b>	4	25	5	1		
	19	Jakim	5	2	5	8	3: Feast of New Wine	7: Full Moon
	20	Huppah	5	9	5	15		
	21	Jeshebeab	5	16	5	22		
	22	Bilgah	5	23	5	29		24: New Moon
	23	<b>Immer</b>	5	30	6	6		
	24	Hezir	6	7	6	13		7: Full Moon
	25	Happizzez	6	14	6	20		
	26	Pethahiah	6	21	6	27	22: Feast of New Oil	23: New Moon
	27	<b>Jehezkel</b>	6	28	7	3	29: Feast of Offering of Wood	
							1: Day of Memorial	
	28	Jachin	7	4	7	10	10: Day of Atonement	5: Full Moon
	29	Gamul	7	11	7	17	15: Feast of Tabernacles	
	30	Delaiah	7	18	7	24		22: New Moon
	31	<b>Maaziah</b>	7	25	8	1		
	32	Jehoiarib	8	2	8	8		5: Full Moon
	33	Jedaiah	8	9	8	15		
	34	Harim	8	16	8	22		21: New Moon
	35	Seorim	8	23	8	29		
	36	<b>Malchijah</b>	8	30	9	6		4: Full Moon
	37	Mijamin	9	7	9	13		
	38	Hakkoz	9	14	9	20		
	39	Abijah	9	21	9	27		21: New Moon
	40	<b>Jeshua</b>	9	28	10	3		3: Full Moon
	41	Shecaniah	10	4	10	10		
	42	Eliashib	10	11	10	17		
	43	Jakim	10	18	10	24		19: New Moon
	44	<b>Huppah</b>	10	25	11	1		
	45	Jeshebeab	11	2	11	8		2: Full Moon
	46	Bilgah	11	9	11	15		
	47	Immer	11	16	11	22		19: New Moon
	48	Hezir	11	23	11	29		
	49	<b>Happizzez</b>	11	30	12	6		2: Full Moon
	50	Pethahiah	12	7	12	13		
	51	Jehezkel	12	14	12	20		18: New Moon
	52	Jachin	12	21	12	27		